

# **DISCIPLINE OF MEDICINE ANNUAL REPORT**

**2012 - 2013**



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## *Message from the Chair*



### **ALAN E. GOODRIDGE**

MD Memorial, FRCPC  
Acting Chair and Professor of Medicine

I am pleased to present the first annual report of the activities of the Discipline of Medicine within the Faculty of Medicine of Memorial University of Newfoundland.

Dr. John Shik has been the program director of the Internal Medicine Residency Program since July 2012. He has provided outstanding leadership and instituted a number of initiatives including the implementation of a new night float call schedule in keeping with the Royal College recommendation for restricted duty hours for residents. Also, under Dr. Shik's leadership, mini iPads have been purchased for resident educational and clinical use and will be ready to be introduced in the fall of 2013.

Dr. Natalie Bandrauk has taken the leadership role in the application of medical simulation for the discipline. Postgraduate trainees have had the opportunity to participate in ultrasound guided central line courses, as well as point of care ultrasound courses. The Discipline of Medicine obtained funding for the procurement of two new ultrasound machines which will be housed in the simulation unit.

Dr. Jamie Farrell has been the internal medicine clerkship co-ordinator since 2011. The clerkship team worked vigorously to ensure that the medicine clerkship met the accreditation standards. Under the leadership of Dr. Farrell, rotation objectives have been updated and new evaluation tools are being developed such as the mini-CEX. The internal medicine clerkship exam will also be modified replacing a series of multiple choice questions with clinical cases to review. Efforts continue to ensure the timely completion of clerk evaluations. Satellite sites for internal medicine clerkship include Moncton and Saint John, New Brunswick with a view to expanding this to include Fredericton, New Brunswick.

Dr. Sean Connors is the discipline lead for research and organizes the resident research day which has consistently been very successful.

The Internal Medicine Resident Research Day held in May 2013 was a great success, with outstanding participation and presentations by the internal medicine residents. Award-winning papers were presented by Drs. Sunky Park, Chai Phau, Jamieson Mercer, and Mary Malebranche.

Dr. Nikhil Joshi was awarded the *Cameron Raffard Award* in recognition of Dr. Joshi's aptitude for health advocacy. Dr. Stephen Duffett was recognized by his peers with the *John Simpson Memorial Award* for his excellence in teaching other members of the internal medicine house staff and medical students. Dr. Joanna Holland received the *Dr. Harry Edstrom Medical Research Resident Award* for best poster presentation. Her topic was A Retrospective Study of Surgically Excised Pheochromocytomas in Newfoundland.

Dr. Julia Trahey is the chair of the clinical skills committee for undergraduate teaching. Over the last year, the clinical skills program introduced two practice OSCE stations. The course also implemented a tutor policy to allow more flexible timing of clinical skills sessions to facilitate tutor participation. Overall the clinical skills course has received positive feedback from students and faculty.

Under the leadership of Dr. Ford Bursey, assistant dean, professional development, high quality professional development programs are provided throughout the year. Dr. Bursey has also been the lead in the development of conflict of interest policies.

Dr. Joe Lockyer is the PGY1 co-ordinator and has successfully addressed a number of organizational and scheduling issues.

On October 17, 2013 Dr. A.M. House, honorary research professor died after a long and distinguished career with major accomplishments in the field of telemedicine.

The Faculty of Medicine has recently approved updated promotion and tenure (P&T) policies. The chair of medicine meets with discipline faculty on an annual basis to review faculty activities and goals to ensure they align with P&T policies and to facilitate academic advancement of faculty members.

The Discipline of Medicine is the largest clinical discipline in the Faculty of Medicine; there are currently 62 geographic full-time and 164 part-time faculty members. It is a dynamic discipline with outstanding educators and researchers.

## *Office of the Chair of Medicine*

The Office of the Chair of Medicine is responsible for faculty appointments, promotion and tenure (P&T), sabbatical leave, travel requests and claims, financial inquiries and delivery of educational programs to undergraduate and postgraduate students.

The following staff of the discipline support and administer the program as follows:

**Alan E. Goodridge, MD, FRCPC**

Acting Chair; Discipline of Medicine  
Faculty of Medicine; Rm. 5306

**Melissa Oliver**

Academic Program Assistant  
Faculty of Medicine; Rm. 5306  
709.777.6551  
melissa.oliver@med.mun.ca  
Financial Inquiries, Human Resources, Purchasing, Research Grants and Travel

**Sandra Linehan**

Intermediate Secretary  
Faculty of Medicine; Rm. 5306A  
709.777.6079  
sandra@mun.ca  
Secretary to the Chair of Medicine, Promotion and Tenure, Faculty Appointments and Sabbatical



From left: Melissa Oliver and Sandra Linehan

***Educational Programs***

*Internal Medicine Program*

**Sharon Pelley**

Academic Program Administrator  
Faculty of Medicine; Rm. 5306A  
709.777.6781  
spelley@mun.ca

**David Lane**

Academic Program Assistant  
Faculty of Medicine; Rm. 5306A  
709.777.6584  
dlane@mun.ca

*Neurology Program*

**Lisa Hickey**

Academic Program Assistant  
Faculty of Medicine; Rm. 5306A  
709.777.6194  
lisa.hickey@med.mun.ca



Back (from left): Sharon Pelley and Lisa Hickey  
Front: Dave Lane

## *Faculty Listing*

| <b>GEOGRAPGIC FULL-TIME FACULTY APPOINTMENTS</b>  |   |   |
|---|---|---|
| <b>Professors</b>   | <b>Associate Professors</b>   | <b>Assistant Professors</b>   |
| Barrett, Brendan<br>Bursey, Ford<br>Carayanniotis, George (joint)<br>Fardy, John<br>Fox, George<br>Goodridge, Alan<br>Gulliver, Wayne<br>Harnett, John<br>Kovacs, Christopher<br>Ogunyemi, Abayomi<br>Parfrey, Patrick<br>Peters, Sharon<br>Rahman, Proton<br>Sun, Guang<br>Sussex, Bruce<br>Vasdev, Sudesh (Honorary<br>Research Professor)<br>Xie, Yagang | Bargaonkar, Mark<br>Connors, Sean<br>Curtis, Bryan<br>Fernandez, Bridget (joint)<br>Galway, Brenda<br>Grewal, Kuljit<br>Hamilton, Sean<br>Joyce, Carol<br>MacDonald, Susan<br>McGrath, Jerry<br>Mugford, Gerry<br>Murphy, Sean<br>Paul, Michael<br>Scully, Mary-Frances<br>Stefanelli, Mark<br>Twells, Laurie (joint)<br>Way, Christine (joint) | Anwar, Muhammad<br>Azher, Tanweer<br>Bandrauk, Natalie<br>Bergstrom, Debra<br>Chandurkar, Vikram<br>Daley, Peter<br>Eustace, Marsha<br>Farrell, Jamie<br>Hickey, Joanne<br>Hodgkinson, Kathleen<br>Iqbal, Sahar<br>Iqbal, Muhammad<br>Jones, David<br>Kelly, Linda<br>Kenny, Lisa<br>Leonard, Jennifer<br>Lockyer, Joe<br>Lush, Richard (contract)<br>McCarthy, Jason<br>Midodzi, William<br>Murray, Cathy<br>Nguyen, Chau<br>Paulin, Frederic<br>Pike, Pamela<br>Ploughman, Michelle<br>Shik, John<br>Squarey, Kyna<br>Tompkins, Kirsty<br>Trahey, Julia |



## PART-TIME FACULTY APPOINTMENTS

### **Carbonear**

Rebello, Rosario  
Xu, Dejun

### **Clarenville**

Vasanthan, Veeragathy

### **Corner Brook**

Fudge, Krista  
Graham, Jamie  
Ismail, Yahya  
Tavenor, Tony  
Woolfrey, Paul

### **Grand Falls-Windsor**

Anandakrishnan,  
Canagasund  
Boodhun, Mohamed  
Coffey, James  
Sheridan, James

### **New Brunswick**

Al-Karain, Mohammad  
Alqadah, Maen  
Andreani, Oriano  
Aslam, Zeesham  
Assi, Hazem  
Baer, Carolyn  
Barry, Carolyn  
Baxter, Kathy  
Benaya, Sebastian  
Bessoudo, Ricardo  
Bewick, David  
Bishop, Graham  
Boyle, Allison  
Cockeram, Alan  
Costain, Gary  
Docherty, Peter  
Dolan, Sean  
Dornan, John  
Douglas, Geoff

Dow, Heather  
Dow, Gordon  
Ecker, George  
Fong, Peter  
Forgeron, Patricia  
Gillis, Corey  
Gogan, Nessa  
Grant, Eric  
Handa, Paul  
Hanson, Dana  
Harvey, Richard  
Hayden, Michael  
Hayes, Robert  
Henderson, James  
Hobbs, Cynthia  
Jarrett, Pamela  
Joshi, Prakash  
Keeling, Douglas  
Kemp, Kristina  
Kennedy, Tara  
Koller, Oscar  
Krishnan, Venkatraman  
Kuriakose, Renju  
Leckey, Robert  
Lightfoot, Peter  
Lutchmedial, Sohrab  
MacDonald, Elizabeth  
MacKinnon, Martin  
MacLean, Greg  
MacMillan, Mark  
MacNeil, Donna  
MacSween, Mary  
Marr, David  
McAvinue, Thomas  
McGibbon, Angela  
McLaughlin, A. W.  
Mekwan, Jayanand  
Moore, Jeffrey  
Nowak, Zbigniew  
O'Connell, Colleen  
Ouelette, Sylvie

Paddock, Vernon  
Pelkey, Michael  
Pippy, Christine  
Pniak, Ewa  
Reid, Philip  
Rhynold, Elizabeth  
Rubin, Sheldon  
Sadowska, Ea  
Salmon, Joanne  
Sarkisian, Anthony  
Schweiger, Frank  
Searles, Gregory  
Shaikh, Asif  
Sheehan, Wayne  
Shrayyef, Muhammad  
Smith, Douglas  
Sohi, Paul  
Solven, Frederick  
Sullivan, Glendon  
Sutherland, Donald  
Taillon, Andree  
Talbot, Jo-Ann  
Teskey, Robert  
Toal, Satish  
Trudeau, Chantal  
Turchin, Irina  
Vanhoutte, Paul  
Webster, Duncan  
West, Peter  
Williams, Chadwick  
Worley, Scott

### **St. John's**

Adams, Grenfell  
Anees, Iram  
Bhalla, Sunil  
Borgaonkar, Ram  
Brown-Maher, Tracey  
Chitsike, Rufaro  
Clarke, Gillian  
Coffey, Joseph

**St. John's Continued..**

Collins, Kayla  
Dicks, Elizabeth  
Duguid, Nigel  
Etchegary, Holly  
Fagan, Susan  
Fallows, Glen  
Furey, Michael  
Furlong, Michael  
Gregory, Deborah  
Hannaford, Maureen  
Hiscock, Jeffrey  
Hoppe, Barbara  
Ingram, Wallace  
Jacob, Jacob  
Joshi, Pradip  
Khraishi, Majed  
Landells, Ian  
MacCallum, G. Calvin  
MacDonald, Don  
Mathew, Baboo  
McPherson, Terry  
Mumtaz, Shariqu  
Murphy, Stephen  
O'Brien, Mary  
Ohson, Kamal  
Pearce, Neil  
Pirzada, Syed  
Qureshi, Amer  
Reddy, Bharati  
Rose, Barry  
Saeed, Khawer  
Sekhar, Chandra  
Shaikh, Abdul  
Stone, Eric  
Tarhoni, Mohamed  
Tomi, Zohair  
Tong, Amy  
Uthman, Elmonttasir  
Watkins, Kathy

Williams, Anne  
Yazdani, Ramin  
Young, Robert

**Waterloo**

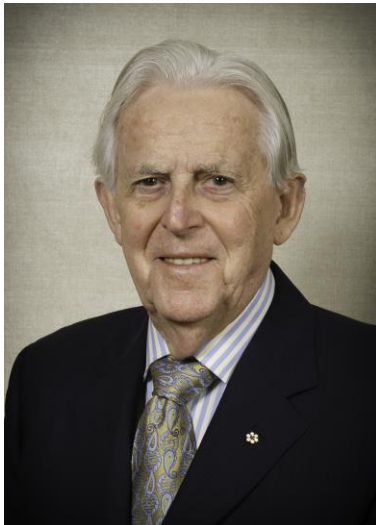
Papp, Kim

## PROFESSOR EMERITUS



### **Dr. Ian Bowmer**

- On faculty at Memorial University since 1975; Infectious Disease/Internal Medicine
- Dean of the Faculty of Medicine from 1996-2003
- 2004 recipient of the Canadian Professors of Medicine Christie Award
- Executive director of Medical Council of Canada
- Awarded the Royal College of Physicians and Surgeons of Canada prestigious 2012 James H. Graham award of merit



### **The Late Dr. A.M. House**

*August 10, 1926 – October 17, 2013*

- On faculty at Memorial University since 1969; Neurology
- Honorary Research Professor
- Pioneer in telemedicine
- Former Lt Governor of the province
- Named to the Order of Canada in 1989
- Received the Atlantic Canada Innovator of the Year award in 1990
- Named officer of the order of Newfoundland and Labrador in 2005



### **Dr. William Pryse-Phillips**

- On faculty at Memorial University since 1972; Neurology
- Author of several books including the encyclopedic *Companion to Clinical Neurology*
- Winner of multiple teaching awards including the Silver Orator award by several MUN medical graduating classes

# ***Notable Activities/Awards/Appointments***

## **Anandkrishnan, Conagosundram**

- Awarded Canadian Dermatology Foundation Practitioner of the Year 2011

## **Bandrauk, Natalie**

- Writing the Ethics section of Canadian Critical Care Society “Withdrawal of LST” document to be presented this fall at the Canadian CC Forum
- Accepted into the Harvard Macy program for Educators in Health Professions

## **Barrett, Brendan**

- Advisor to the Atlantic Branch of the Kidney Foundation of Canada

## **Bergstrom, Debra**

- Attended the Myeloma Canada Patient Information Session

## **Bhalla, Sunil**

- Developed a shared care clinic model of providing internal medicine consultations at their GP’s office

## **Borgaonkar, Mark**

- Chair; Crohn’s & Colitis Dinner Theatre Auction May 2013

## **Burse, Ford**

- Elected Governor of the Atlantic Provinces Chapter of the American College of Physicians (ACP)

## **Chitsike, Rufaro**

- Working on a proposal with Dr. Young to set up a new Anticoagulation Clinic, Thrombosis Clinic, Perioperative Bridging Clinic and an Outpatient Thrombosis Consultative Service for Eastern Health.

## **Coffey, James**

- Awarded Teacher of the Year University of Alberta 2012
- CDA sponsored Sun Safety Screening clinic at the Grand Falls Shopping Centre October 2012

## **Daley, Peter**

- Recipient for best oral presentation award for Evaluation of a hybrid peer-teaching method for undergraduate medical microbiology; Medical Education Scholarship Center Medical Education Scholarship Forum, November 22, 2012,

## **Dicks, Elizabeth**

- Secretary, Canadian Society of Nephrology

## **Eustace, Marsha**

- Member of NL Integrated Stroke Strategy Advisory Committee

**Galway, Anne B**

- Elected Treasurer of CANDIPS-National committee for Diabetes in Pregnancy

**Gulliver, Wayne**

- Member of Canadian Psoriasis Foundation Board of Directors

**Iqbal. Muhammad**

- Local Lead for Canadian Severe Asthma Network

**Khraishi, Majed**

- Board Member of the Canadian Rheumatology Research Consortium

**Kovacs, Christopher**

- Chair of Oral Abstract Symposium:
  - Endocrine Society (USA)
  - International Bone and Mineral Society / Japanese Society for Bone and Mineral Research
- Chair of oral abstract session, abstract reviewer, and poster judge, ENDO 2013, San Francisco
- Annual Meeting Program Committee (Abstract Reviewer); American Society for Bone and Mineral Research
- Appointed as Vice President, Advances in Mineral Metabolism for 2013-2015

**MacDonald, Susan**

- Shortlisted for the 2012 Atlantic Book Award for my novel *Edge of Time*
- Gold Medal for the Moonbeam Children's Award: Independent publishers of North America, YA Science Fiction/Fantasy, November 2012 for *Edge of Time*

**McGrath, Jerry**

- Member of the National Colon Cancer Screening Network
- Member of the Canadian Partnership Against Cancer

**Mekwan. Jayanand**

- Developing an Emergency Airway Management Program with the acquisition of up-to-date airway equipment. This equipment will be used in resident training once the program is well established

**Mugford, Gerry**

- Chair of the International Committee of the Ministerial Advisory Council on the Federal Initiative to Address HIV/AIDS in Canada (MAC)
- Chair of the Foresight Document Committee of the Ministerial Advisory Council on the Federal Initiative to Address HIV/AIDS in Canada
- MAC Member of the Consultative Global Group on Global HIV/AIDS issue

**Ogunyemi, Abayomi**

- Medical adviser to Epilepsy Newfoundland and Labrador for 23 years

**Paddock, Vernon**

- Co-developer of the TAVI (Transcatheter Aortic Valve Implantation) Program New Brunswick

**Parfrey, Patrick**

- Co-Chair of the KOIGO (Kidney Disease Improving Global Outcomes)

**Ploughman, Michelle**

- Recipient for the Employer's Award for Exemplary Learning Opportunity; Co-operative Education, MUN
- Physiotherapy Foundation of Canada Scientific Review Committee 2012-2013
- MS Society Grant Review, London UK (2013)

**Rahman, Proton**

- Awarded the Queen Elizabeth II Diamond Jubilee Medal, 2013 – Canadian Rheumatology Association
- University Research Professor (Memorial University), 2012
- Board Member for the Canadian Spondylitis Association

**Reddy, Bharati**

- Recipient of the Dr. Craig Lovey's Teaching Award; awarded by the Discipline of Family Medicine
- Queens Jubilee Medal

**Rhynold, Elizabeth**

- Alzheimer's Society NB; development of patient/caregiver five-part education sessions – provision of 1<sup>st</sup> lecture semi-annually

**Shik, John**

- Recipient of the Dr. Wallace Ingram Award for Teaching in 2011

**Squarey, Kyna**

- Recently established a Huntington's Disease Clinic which will provide an opportunity to engage in related clinical studies

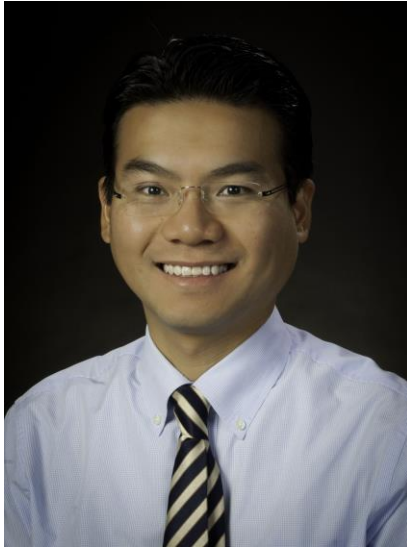
**Turchin, Irina**

- Assisted Canadian Skin Patient Alliance in preparation of *Skin Deep: A report card on access to dermatological care and treatment in Canada 2012*

# *Educational Programs*

## **Internal Medicine Residency**

Internal Medicine Residency Program Director: Dr. John Shik



The Internal Medicine Residency Program had a very successful year. The PGY I match through CaRMS was successful in the first round with all 10 positions filled. As well, eight out of nine PGY III's were all matched to their subspecialty of choice; the remaining PGY III's will be doing general internal medicine residency at Memorial.

The preparation exam course offered by the Royal College for PGY III's occurred twice monthly under the direction of Dr. John Harnett; it received great feedback. There were also two residency OSCEs which occurred throughout the year, one in November 2012 and the other April 2013; both were successful.

The Residency Retreat took place in Clarenville, NL in February 2013. This event received positive feedback and was enjoyed by both residents and faculty members.

There was implementation of a new night float call schedule for senior medicine and cardiology calls in keeping with the Royal College recommendation for restricted duty hours for residents. As well, point of care ultrasound course/modules was implemented with the help of Dr. Andrew Smith. Lastly, simulation teaching throughout the academic year for small groups was implemented with the help of Dr. Natalie Bandruk.

We are looking forward to the next academic year and hope that it is equally successful as this year. One educational endeavor that we will be rolling out in the fall of 2013 is the purchase of iPad mini's for resident's educational and clinical use.

## Internal Medicine Resident Research Day 2013

Both oral and poster presentations at this year's Internal Medicine Research Day held on Friday, May 17, 2013. The Dr. David Hawkins Medical Resident Research Award was presented to Dr. Sunkyu Park (photo below) and Dr. Chai Phua (unavailable for photo) for their presentation titled Leading Risks in Male Patients and Carriers with the Valine to Alanine 2016 form of Mild Hemophilia A. The award was presented by Dr. Sean Connors. (Figure I)



(Figure I)

The Dr. Grenfell Adams Medical Research Award was presented to Dr. Jamison Mercer by Dr. Sean Connors for his presentation titled Treatment of Radiation Colitis with Argon Plasma Coagulation Therapy and Risk of Colorectal Polyps. (Figure II)



(Figure II)



The Dr. Patrick Parfrey Medical Resident Research Award was presented to Dr. Mary Malebranche by Dr. Sean Connors. Her topic was titled Validating the Diagnostic Accuracy of Automated Microscopy to Screen for Bacteriuria. (Figure III)



(Figure III)

The Cameron Raffard Award was presented in memory of Dr. Raffard, a second-year internal medicine resident who died January 13, 2008. This award is given to the resident who reflects Dr. Raffard's values and exhibits an aptitude for health advocacy. This year's award winner was Dr. Nikhil Joshi. The award was presented by Dr. Mark Borgaonkar. (Figure IV)



(Figure IV)

This year the Dr. John Simpson Memorial Award was presented to Dr. Stephen Duffett by Dr. John Shik. This award is given to the internal medicine resident(s), chosen by his or her peers, who demonstrates excellence in teaching other members of the internal medicine house staff and medical students. The award is a tribute to Dr. Simpson, a former medical internist at St. Clare's Mercy Hospital, who died in 1998 at the age of 46. (Figure V)



(Figure V)

Dr. Joanna Holland received the Dr. Harry Edstrom Medical Resident Research Award. Her poster presentation topic was titled A Retrospective Study of Surgically Excised Pheochromocytomas in Newfoundland. No photo available.

The three judges who participated in this year's research day were Dr. Brendan Barrett, Discipline of Medicine, Dr. Sean Connors, Discipline of Medicine and Dr. Kathy Hodgkinson, Clinical Epidemiology. This year was, once again, a great success!

## Internal Medicine Clerkship

Clerkship Program Director: Dr. Jamie Farrell



The Faculty of Medicine underwent accreditation in spring of 2013; the internal medicine clerkship was reviewed and the preliminary feedback was very favorable. The clerkship team has worked to ensure that the internal medicine clerkship is in compliance with the accreditation standards. There was an implementation of formative assessment tools to be used by students in clinics and weekly on core rotations; feedback has been positive and the compliance has been excellent. Discipline of Medicine faculty members have been successful in increasing the amount of formative feedback to students and are doing an excellent job in providing summative feedback on a timely basis.

Over the course of the year, our rotation objectives have been updated to ensure that internal medicine falls in line with the overall medical school curriculum objectives in the CanMEDS role and competencies format. The OSCE was removed due to scheduling issues with undergraduate medical education and the assignment of students across multiple learning sites in Newfoundland and New Brunswick. Although there are strengths of the OSCE, there were weaknesses and we are taking this opportunity to work toward the introduction of a new evaluation tool, the Mini-CEX; this is being done in conjunction with the clerkship committee and we hope to have this tool ready for the 2013-2014 academic year. This tool will help to standardize assessment and ensure every student gets witnessed history and physicals during the internal medicine clerkship experience. Another change for the upcoming year is the midterm exam; it currently consists of 10 multiple choice questions but will be replaced with six to eight clinical cases which will allow the students to work through common and complex medical cases in detail. This will allow more in-depth learning and will allow the students to gain experience in self-directed learning and self-reflection.

Reviews of our course evaluations have been quite positive; the feedback from students through the program evaluation subcommittee (PESC) has been helpful in assessing our performance and tailoring the rotation to meet student needs. There were no areas in the evaluation where we scored below 3.5 points on the Likert scale. The witnessing of students histories and physical and other direct supervision has been improving and this is a priority for us moving forward. The mini-CEX will be helpful in correcting this and we have been raising awareness directly with our faculty.

There have been concerns in the past about students being placed on clinical teaching units (CTUs) made up of different staff and specialties and we have made efforts to improve this. Through working with the acting chair of medical oncology, we have been working toward having a designated two week medical oncology selective for students during their internal medicine

rotation. This should be ready for the 2013-2014 academic year; similar discussions are taking place with the hematology service.

We completed site visits in Moncton and Saint John, New Brunswick and these are now active sites for the clerkship rotation. It is anticipated that Fredericton will become an internal medicine site in the near future. This will allow us to increase capacity and allow the New Brunswick students the opportunity to return home for part of their training.

## Clinical Skills Terms V & VI

Chair of Clinical Skills; Discipline of Medicine: Dr. Julia Trahey



The clinical skills academic year has been successful. Sixty-one students completed the clinical skills course including Terms V and VI, and all students passed the clinical skills portion of the curriculum. The feedback of the medicine sessions called *Putting it All Together* was very positive. It was felt that it would be useful to have a greater consistency in the feedback provided on write ups and physical examinations.

This past year saw the introduction of a two station practice OSCE which occurred in November 2012. This occurred in Term IV of clinical skills but was in preparation for the OSCEs that would occur in Terms V and VI. This will again be delivered in the 2013-2014 year. Practice station shown in figure I.

The implementation of a clinical skills tutor policy has worked well allowing flexible scheduling (i.e. 4-6 p.m.) and has improved the level of tutor availability.

Another new achievement in the 2012-2013 year was a revision of pass/fail criteria which simplified and streamlined the grading for the clinical skills sessions.



(Figure I)



## Simulation

Multidisciplinary Simulation Team; Discipline of Medicine member: Dr. Natalie Bandrauk



Dr. Bandrauk is on the Internal Medicine Residency Training Committee to facilitate incorporation of simulation activities.

Multidisciplinary US Guided Central Line courses are offered to all residents; it involves a web based tutorial and SP/task trainer workshop. This course is mandatory for all residents rotating through adult ICU; there were 63 residents trained from July 2012 to June 2013. The Multidisciplinary Point of Care US (POCUS) course is led by Discipline of Emergency Medicine; it is offered to all PGY1s including those in internal medicine.

The program is in the process of further developing the simulation part of the academic half day curriculum. It is planned to schedule four simulation half days throughout the year and to include a central line refresher course for all senior residents and advanced cardiac life support (ACLS) based resident simulation activities. Discussions and plans are also underway for faculty development in US skill building.



## Professional Development

Assistant Dean; Professional Development: Dr. Ford Bursey



The Faculty of Medicine has gone through another accreditation visit with no significant weaknesses identified.

The Professional Development office continues to provide high quality on-site and through online programming. The office collaborates with other Canadian university continuing medical education (CME) offices and organizations such as the Canadian Medical Association (CMA) to deliver programs and conduct needs assessments and research.

Dr. Bursey has been asked by Dean Rourke to lead Faculty in developing a conflict of interest policy. The Continuing Professional Development (CPD) office has been able to develop a policy for internal use and it has been approved by faculty council.



# Scholarship of Discovery

**Bold** denotes a Discipline of Medicine author

## New Publications/Textbook Chapters/Papers/Edited Books

**H. Assi**, KS. Wilson. Immune toxicities and long remission duration after ipilimumab therapy for metastatic melanoma: two illustrative cases. *Current Oncology*, Vol. 20, pp. e165-169; doi: <http://dx.doi.org/10.3747/co.20.1265>.

Carstensen M, Keer D, Rempel J, Jeon P, **Barrett B**. Prevalence of risk factors for contrast induced nephrotoxicity in outpatients undergoing intravenous contrast-enhanced computed tomography studies. *Canadian Association of Radiologists Journal* 2012;63(3):177-182.

Alaghehbandan R, **Macdonald D**, **Barrett B**, Collins K, Chen Y. Using Administrative Databases in the Surveillance of Depressive Disorders-Case Definitions. *Popul Health Manag.* 2012;15:372-380.

Stuckless S, Green J, Dawson L, **Barrett B**, Woods M, Dicks E, **Parfrey P**. Impact of gynecological screening in Lynch syndrome carriers with an MSH2 mutation. *Clin Genet.* 2012 Jul 6.

**Twells LK**, Bridger T, Knight JC, Alaghehbandan R, **Barrett B**. Obesity predicts primary health care visits: a cohort study. *Popul Health Manag.* 2012 Feb;15(1):29-36.

Owen RJ, Hiremath S, Myers A, Fraser-Hill M, **Barrett BJ**. Canadian Association of Radiologists: Consensus Guidelines for the prevention of Contrast Induced Nephropathy: Update 2012 (CARJ-D-12-00122).

**Borgaonkar M**. A blueprint for quality. *The Canadian Journal of Gastroenterology* 2013;27(2):73.

D. Leddin, D. Armstrong, **M. Borgaonkar**, R. Bridges, C. Fallone, J. Telford, Y. Chen, P. Colacino. The 2012 SAGE wait times program: Survey of access to gastroenterology in Canada. *The Canadian Journal of Gastroenterology* 2012;26(9):579-580.

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**Kovacs CS.** Interactions of PTHrP with receptors and signaling. In: Bilezikian JP, Potts JT, Jr., Marcus R, Silverberg SJ, Marccocci C, Levine MA. *The Parathyroids, Third Edition.* San Diego: Academic Press, 2014: [Submitted.]

**Kovacs CS.** Hyperparathyroidism and hypoparathyroidism during pregnancy, lactation, and fetal/neonatal development. In: Bilezikian JP, Potts JT, Jr., Marcus R, Silverberg SJ, Marccocci C, Levine MA. *The Parathyroids, Third Edition.* San Diego: Academic Press, 2014: [In preparation.]

**MacDonald, D.,** Alaghebandan, R., Knight J., Rose J., Collins K. Using Administrative Databases in Oncological Population Health Research: a Canadian Experience. *OC Cancer* [Accepted for Publication May 4 2013].

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**Mugford, G.** Mark Oremus, Jean-Eric Tarride, et.al. Patients' and Caregivers' Willingness to Pay for A New Alzheimer's Disease Medication. 2013 *The Patient Journal* [Accepted]

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Iain B. McInnes, Arthur Kavanaugh , Alice B. Gottlieb, Lluís Puig , **Proton Rahman** , Christopher Ritchlin, Shu Li , Yuhua Wang , Alan M. Mendelsohn, Mittie K. Doyle on behalf of the PSUMMIT I Study Group Efficacy and safety of the anti-IL-12/23 p40 monoclonal antibody, ustekinumab, in patients with active psoriatic arthritis despite conventional therapy: 6-month results of the phase 3, multicenter, double-blind, placebo-controlled PSUMMIT I trial. *Lancet:* [In Press]

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Johannes Lie, Benedicte A. Førre, Øystein Tuomilehto, Jaakko Jiang, Lei Liu, Yu Liu, Xin Bradbury, Linda A Elewaut, Dirk Burgos-Vargas, Ruben Stebbings, Simon Appleton, Louis Farrah, Claire Lau, Jonathan Kenna, Tony Haroon, Nigil Ferreira, Manuel A Yang, Jian Mulero, Juan Fernandez-Sueiro, Jose Luis Gonzalez-Gay, Miguel A Lopez-Larrea, C. Deloukas, Panos Donnelly, Peter Gladman, Dafna D, **Rahman, Proton** Maksymowych, Walter P Xu, Huji Crusius, J Bart A van der Horst-Bruinsma, Irene E Chou, Chung-Tei Valle- Oñate, Raphael Romero Sánchez, María C Hansen, Inger Myrnes Pimentel-Santos, Fernando M Inman, Robert D. Videm, Vibeke Martin, Javier Breban, Maxime, Reveille, John D., Evans, David M., Kim, Tae-Hwan, Wordsworth, Bryan Paul, Brown, Matthew A. Multiple novel loci harboring common and rare variants implicated in ankylosing spondylitis. International Genetics of Ankylosing Spondylitis Consortium (IGAS), *Nature Genetics*: [In Press]

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## Research Abstracts

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**M. Borgaonkar**, **J. McGrath**, D. Pace, S. Antle, S. Stone, E. Randell. FIT positive patients are more likely to harbor adenomas. *The Canadian Journal of Gastroenterology* 2013;27(Suppl A):A193.

**M. Borgaonkar**, S. Kenshil. Use of immunomodulators and anti-TNF agents in patients admitted with an exacerbation of Crohn's disease in St. John's. *Am J Gastroenterol* 2012 107 (Suppl 1):S693.

**M. Borgaonkar**, **C. Phua**. The incidence and prevalence of iron overload in homozygous C282Y mutation in Newfoundland and Labrador. *Am J Gastroenterol* 2012 107 (Suppl 1):S174.

**Chandurkar V**, **Holland J**. A Retrospective study of surgically excised pheochromocytomas in Newfoundland. *Canadian Society of Endocrinology and Metabolism, Annual Meeting, Vancouver, October 2012.*

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**Gregory DM**, Temple Newhook J, **Twells LK.** (June 2013). Patients' Perceptions of Waiting for Bariatric Surgery. *Canadian Epidemiology and Biostatistics Society Biennial Conference.* St. John's NL.

**Gregory DM**, Temple Newhook J, **Twells LK.** (June 2013). Choosing bariatric surgery: Patient narratives about the decision-making process. *Canadian Epidemiology and Biostatistics Society Biennial Conference* St. John's, NL.

**Gregory DM**, **Midodzi W**, Pearce NJ. (June 2013). Complications with AngioSeal™ vascular closure devices compared with manual compression after diagnostic cardiac catheterization and percutaneous coronary intervention: A single center experience *Canadian Epidemiology and Biostatistics Society Biennial Conference* St. John's, NL.

**Gregory D**, Way C, **Parfrey P.** Acute care registered nurses perceptions of the organizational culture and health care quality before and after health care reform in Newfoundland and Labrador, Canada and the impact on nurse outcomes: Comparison of cross-sectional survey findings over a 10-year period. (May, 2013). *Nursing Education and Research Council Research Symposium.* Eastern Health.

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Temple Newhook J, **Gregory DM, Twells LK.** (October 2012). Exploring bariatric surgery as a gendered phenomenon. *Institute of Gender and Health, Montreal, Canada.*

**Gregory DM.** (October 2012) Health care reform in Newfoundland and Labrador, Canada: A 10 year trend of acute care registered nurses perceptions of quality and patient safety and measurements of attitudinal and behavioral intentions. *International Conference for Quality in Health Care, Geneva, Switzerland.*

Price, H.I., **Gregory, D.M., Twells, L.K.** (September 2012). Weight loss goals and expectations of laparoscopic sleeve gastrectomy candidates in Newfoundland & Labrador. *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 501-P]

Price, H.I., **Gregory, D.M., Twells, L.K.** (September 2012). Body silhouette and weight loss expectations and their relationship with BMI and comorbid health risk in laparoscopic sleeve gastrectomy candidates in Newfoundland & Labrador. *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 499-P]

**Twells LK, Gregory DM,** Dillon CM, **Kovacs CS, Midodzi WK,** Hatfield E, Pace D, Boone D, Smith C, Manning K, Murphy RM, Slade K, Crawley R, Price H, Lester K, Peddle J, Pevida A, Tracey MH, Warren E, Snow B, MacDonald DM, Fleming B, Padwal R, Sharma A. Early results from the Newfoundland and Labrador Bariatric Surgery Cohort Study. (September 2012). *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 500-1-P]

**Gregory DM,** Temple Newhook J, **Twells LK.** (September 2012). Patients' Perceptions of Waiting for Bariatric Surgery. *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 771-P]

**Gregory DM,** Temple Newhook J, **Twells LK.** (September 2012). Choosing bariatric surgery: Patient narratives about the decision-making process. *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 672-P]

Temple Newhook JR, Price H, **Gregory DM, Twells L.** (September 2012). Expectations of weight loss, health outcomes, and life transformation after bariatric surgery. *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 673-P]

Temple Newhook JR, Price H, **Gregory DM, Twells L.** (September 2012). Exploring bariatric surgery as a gendered phenomenon. *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 675-P]

Temple Newhook JR, **Gregory DM,** Price HI, **Twells L.** "Losing and Gaining": Bariatric surgery candidates talk about the road to "Extreme obesity". (September 2012). *29<sup>th</sup> Obesity Society Annual Scientific Meeting, San Antonio, Texas.* [Abstract # 674-P]

**Twells LK, Gregory DM, Midodzi WK,** Lester K, Hatfield E, **Kovacs CS,** Dillon CM, MacDonald DM, Manning K, RM, Crawley R, Pace D, Boone D, Tracey MH, Warren E. Results From the Newfoundland and Labrador Bariatric Surgery Cohort Study. *Obesity Society, Atlanta, September 2012.*

**Twells LK, Gregory DM, Dillon CM, Kovacs CS, Midodzi WK, Hatfield E, Pace D, Boone D, Murphy RN, Crawley R, Tracey MH, Warren E, MacDonald DM, Padwal RS, Sharma AM, Fleming B.** Translational Research in Bariatric Care. *Obesity Society*, Atlanta, September 2012.

Berger C, Almohareb O, Langsetmo L, Hanley DA, **Kovacs CS**, Josse RG, Adachi JD, Prior JC, Towheed T, Davison KS, Kaiser SM, Brown JP, Goltzman D and the CaMos Research Group. Predictors of PTH and association of PTH with skeletal outcomes in a population-based study. *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Langsetmo L, Berger C, Prior JC, Hanley DA, Brown JP, Adachi JD, Jamal S, Josse RG, **Kovacs CS**, Morin S, Barr S, Davison KS, Goltzman D, Kreiger N, and the CaMos Research Group. Dietary Patterns in Men and Women Aged 25 Years and Older: Relationship with Body Mass Index, 25-hydroxyvitamin D Levels, Fasting Glucose, and Risk of Diabetes. *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Langsetmo L, Lentle B, Jamal S, **Kovacs CS**, Hanley DA, Whiting S, Berger C, Kaiser SM, Josse RG, Prior JC, Adachi JD, Hodsman A, Davison KS, Morin S, Genest J, Kreiger N, Goltzman D and the CaMos Research Group. Serum 25-hydroxyvitamin D is an independent risk factor for abdominal aortic calcification. *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Zhou W, Berger C, Langsetmo L, Goltzman D, Poliquin S, Kaiser SM, Josse RG, Prior JC, Towheed T, Anastassiades TP, Davison KS, **Kovacs CS**, Papadimitropoulos EA and Kreiger N. Calcium and Vitamin D Intakes in a Prospective Population-based Study: the Canadian Multicentre Osteoporosis Study. *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Prior JC, Macdonald H, Zhou W, Berger C, Kreiger N, **Kovacs CS**, Hanley DA, Anastassiades T, Kaiser SM, and CaMOS Research Group. Combined Hormonal Oral Contraceptive Use and Bone Mineral Density Change in the Premenopausal Population—10-year data from the Canadian Multicentre Osteoporosis Study. *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Morin SN, Berger C, Brown JP, Leslie WD, Wall M, Langsetmo K, Kaiser SM, Prior JC, Josse RG, Hanley DA, Papaioannou A, Adachi JD, **Kovacs CS**, Davison KS, Olszynski W, Towheed T, Goltzman D, and CaMos Research Group. Clinical characteristics among patients with different femur fracture subtypes. Oral presentation; *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Collins J, Kirby BJ, Gagel RF, **Kovacs CS**. Post-lactation bone formation may be driven by downregulated sclerostin, cathepsin K, and DKK1, and upregulated hematopoietic factors, which stimulate osteoblast proliferation and new bone formation. *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Kirby BJ, Martin HM, Ma Y, Karaplis AC, **Kovacs CS**. Comparative study of *Pth* null and WT mice reveal that FGF23 is unresponsive to substantial changes in PTH, calcitriol, phosphorus, or calcium that occur naturally during the reproductive cycle. Late-breaking abstract; *34<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Minneapolis, Minnesota, October 2012.

Samaraweera M, Ma Y, Kirby BJ, Cooke-Hubley S, Suppiah S, Lanske B, Karaplis AC, **Kovacs CS**. What role does FGF23 play in regulating fetal phosphorus metabolism? *Advances in Mineral Metabolism, Snowmass*, Colorado, April 2013.

Cooke-Hubley S, Kirby BJ, Suppiah S, Simmonds CS, Karaplis AC, **Kovacs CS**. Circulating FGF23 is regulated by PTH and calcitriol during fetal development but low FGF23 does not significantly alter fetal phosphorus metabolism. Young Investigator Travel Award; *2<sup>nd</sup> Joint Meeting of the International Bone and Mineral Society and Japanese Society for Bone and Mineral Metabolism*, Kobe, Japan, May 2013.

Lester K, **Twells L**, **Gregory DM**, **Kovacs CS**, Gamble JM. Improvement or resolution of type 2 diabetes mellitus in patients undergoing laparoscopic sleeve gastrectomy (LSG). *Canadian Obesity Summit*, Vancouver, May 2013.

**Kovacs CS**, Seshiah V, Swallow R, Jones R, Rattunde H, Woerle HJ, Broedl UC. Empagliflozin as Add-on to Pioglitazone With or Without Metformin Improves Glycemic Control in Patients with Type 2 Diabetes (T2DM). *73<sup>rd</sup> Scientific Sessions of the American Diabetes Association*, Chicago, June 2013.

Samaraweera M, Ma Y, Kirby BJ, Lanske BM, **Kovacs CS**. Deletion of *Fgf23* does not perturb fetal mineral homeostasis, skeletal mineral content, placental phosphorus transport, or placental expression of FGF23 target genes. *35<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Baltimore, October 2013.

Fraser LA, Adachi JD, Leslie WD, David Goltzman DG, Josse RJ, Prior JC, Kaiser SM, Kreiger N, **Kovacs CS**, Anastassiades TP, Papaioannou A and the CaMos Research Group. The Effect of Anticholinergic Medications on Fracture Risk, Bone Mineral Density, and Falls over a Ten Year Period. *35<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Baltimore, October 2013.

Berger C, Langsetmo L, Barr S, Kreiger N, Rahme E, Kaiser SM, Prior JC, Josse RG, Hanley DA, Papaioannou A, Adachi JS, **Kovacs CS**, Goltzman D. Higher dairy intake is associated with improved bone health in a population-based study. *35<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Baltimore, October 2013.

Langsetmo L, Berger C, Kreiger N, Goltzman DG, Barr S, Kaiser SM, Prior JC, Josse RG, Rahme E, Hanley DA, Papaioannou A, Adachi JD and **Kovacs CS**. Higher protein intake is associated with improved bone health in a population-based study. *35<sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research*, Baltimore, October 2013.

Samaraweera M, Ma Y, Kirby BJ, Lanske BM, **Kovacs CS**. Deletion of *Fgf23* does not perturb fetal mineral homeostasis, skeletal mineral content, placental phosphorus transport, or placental

expression of FGF23 target genes. *Annual Meeting of the Canadian Diabetes Association / Canadian Society of Endocrinology and Metabolism*, Montreal, October 2013.

M. Werham, P Jarrett, C. Stewart, **E. MacDonald**. A Pilot Study Comparing the SIMARD to Clinical Impression of Patients with Dementia. *Annual Scientific Meeting of Canadian Geriatric Society* April 2013

Sarah Penelope Pinnington, **Gerry Mugford**. HIV/AIDS in 25 years: The Canadian Foresight Project in Relation to Policy Advisory Roles. *XIX International AIDS Conference (AIDS 2012)* A-452-0316-09998

**Ploughman M**, Shears J, Quinton S, Flight C, O'Brien M, Peacock M, Byrne JM. The effects of verbal or manual cues on gait parameters during the rehabilitation phase of stroke: A randomized cross-over trial. *Canadian Stroke Congress* submitted May 3, 2013 Montreal QC.

Murray C, **Ploughman M**, Harris C, Murdoch M, Stefanelli M, Hogan S. "Not Rocking the Boat": The Anti-Liberation Procedure Decision Making Experience for People Living With Multiple Sclerosis. *Nursing Education and Research Council*, Memorial University. St. John's NL May 9, 2013.

Murray C, **Ploughman M**, Harris C, Murdoch M, Stefanelli M, Hogan S. "Grasping at Straws": The Pro-Liberation Procedure Decision Making Experience for People Living With Multiple Sclerosis. *Nursing Education and Research Council*, Memorial University. St. John's NL May 9, 2013.

**Ploughman M**, Murray C, Murdoch M, Harris C, Hogan S, Stefanelli M. What can we learn from the 'liberation' procedure phenomenon? A qualitative study among people with multiple sclerosis. *Canadian Physiotherapy Congress* Montreal QC May 26-28, 2013

**Ploughman M**, Fisk JD, **Stefanelli M**, Beaulieu S, Harris C, Hogan S, Knox K, Marrie RA The Canadian Survey of Health, Lifestyle and Aging with Multiple Sclerosis; A Preliminary Report. *Aging Research in Newfoundland and Labrador: Achievements and Prospects*. Sept 24, 2012/ *Canadian Physiotherapy Congress* Montreal QC May 26-28, 2013

Shears J, **Ploughman M**, Squires S, Hogan S, Harris C, **McCarthy J**. NeuroFIT: A novel community-based exercise program for people with neurological disabilities. *Aging Research in Newfoundland and Labrador: Achievements and Prospects*. Sept 24, 2012/ *Canadian Physiotherapy Congress*, Montreal QC May 26-28, 2013

Cake LJ, Wells C, Wideman G, **Ploughman M**, O'Brien K, Buehler S, Bowering L. Canadian Research Centres on Aging: A Review and Analysis. *Our Future is Aging; Current Research in Knowledge, Practice and Policy*. Halifax NS Nov 23, 2012

**Rhynold E**, Hobbs, Hurley, Dougan. The Dementia Trilogy: Development of Three Original Booklets about Dementia for Patients and their Families. *33<sup>rd</sup> Annual Scientific Meeting Canadian Geriatrics Society*; April 18-20, 2013.

**Twells LK**, Gregory DM, Dillon CM, Kovacs CS, Midodzi WK, Hatfield E, Pace D, Boone D, Smith C, Manning K, Murphy R, Slade K, Crawley R, Temple Newhook J, Price H, Lester K, Peddle J, Pevida A, Tracey M, Warren E, Snow B, MacDonald DM, Fleming B, Padwal R, Sharma A (September, 2012).



Translational Research in Bariatric Care in Newfoundland and Labrador, Canada .29<sup>th</sup> *Obesity Society Annual Scientific Meeting*, San Antonio, Texas. [Abstract # 777-P]

Temple Newhook JR, Price H, Gregory DM, **Twells L.** (September 2012).Expectations of weight loss, health outcomes, and life transformation after bariatric surgery. 29<sup>th</sup> *Obesity Society Annual Scientific Meeting*, San Antonio, Texas. [Abstract # 673-P]

Cahill, F., Wadden, D., Amini, P., Lee, A., Randell, E., **Vasdev, S.**, Sun, G. Pancreatic Polypeptide (PP) Response to a 7-Day Overfeeding in Young Men. 30<sup>th</sup> *Annual Obesity Society Scientific Meeting*. CONTROL ID: 1374895, 2012

Cahill, F., Wadden, D., Amini, P., Lee, A., Yi, Y., Randell, E., **Vasdev, S.**, Sun, G. Association Between the Body Adiposity Index (BAI) and Cardiometabolic Risk Factors (CRFs) among normal-weight (NW), overweight (OW), and obese (OB) men and women in the CODING study. 30<sup>th</sup> *Annual Obesity Society Scientific Meeting*. CONTROL ID: 1374824, 2012.

Wadden, D., Amini, P., Cahill, F., Lee, A., **Vasdev, S.**, Randell, E., Gulliver, W., Sun, G. Circulating Ghrelin is Inversely Associated with Dietary Sugar Intake in the Newfoundland Population. 30<sup>th</sup> *Annual Obesity Society Scientific Meeting*. CONTROL ID: 1374806 , 2012.

Wadden, D., Cahill, F., **Vasdev, S.**, Randell, E., Gulliver, W., Sun, G. Dietary Leucine is Associated With Reduced Insulin Resistance in Women in the Newfoundland Population. 30<sup>th</sup> *Annual Obesity Society Scientific Meeting*. CONTROL ID: 1374770 , 2012.

Wadden, D., Cahill, F., Randell, E., Yi, Y., **Vasdev, S.**, Sun, G. GLP-1 Response to Short-term Overfeeding in Young Men. 30<sup>th</sup> *Annual Obesity Society Scientific Meeting*. CONTROL ID: 1374730 , 2012.

Amini, P., Cahill, F., Wadden, D., Randell, E., **Vasdev, S.**, Sun, G. Short term positive energy challenge does not change fasting serum cholecystokinin level. CONTROL ID: 1374890, 2012.

# Grants

*Bold denotes a Discipline of Medicine faculty member*

**Full Title:** Interdisciplinary Team in Human Genetics  
**Principle Investigators:** **P Parfrey**  
**Co-Investigators:** J Green, M Woods, R Green, **H Etchegery**  
**Time Frame:** 2009-2013  
**Funding Source:** AIF  
**Funding Amount:** 750,000/yr

**Full Title:** Community Based Health Research Network  
**Principle Investigators:** **P Parfrey**  
**Co-Investigators:** J Green, M Woods, R Green, **H Etchegery**  
**Time Frame:** 2013  
**Funding Source:** IBRD  
**Funding Amount:** \$250,000/yr

**Full Title:** Community Based Health Research Network  
**Principle Investigators:** **P Parfrey**  
**Co-Investigators:** J Green, M Woods, R Green, **H Etchegery**  
**Time Frame:** 2013  
**Funding Source:** ACOA  
**Funding Amount:** \$225,000/yr

**Full Title:** Co-Chair EVOLVE study  
**Principle Investigators:** **P Parfrey**  
**Co-Investigators:** J Green, M Woods, R Green, **H Etchegery**  
**Time Frame:** 2012-2013  
**Funding Source:** Amgen  
**Funding Amount:** \$100,000/yr

**Full Title:** CSLA Co-PI  
**Co-Principle Investigators:** **P Parfrey**, G Chertow; Stanford University, San Francisco  
**Time Frame:** 2010-2014  
**Funding Source:** CIHR  
**Funding Amount:** \$400,000/yr

**Full Title:** Examining the challenges of adhering to a gluten-free diet in rural and urban communities of NL  
**Principle Investigators:** P Duke  
**Co-Investigators:** **J Fardy**

**Full Title:** Investigating Celiac Disease in NL  
**Principle Investigators:** P Duke  
**Co-Investigators:** **J Fardy**

**Full Title:** A multicenter, open-label, long-term, safety, tolerability and efficacy study of Retigabine in adult epilepsy patients with partial-onset seizures

**Principle Investigators:** A Ogunyemi

**Co-Investigators:** S. Mumtaz

**Time Frame:** 2006/12/01 - 2015/12/31

**Funding Source:** Glaxo Smith Kline (GSK)

**Funding Amount:** \$ 51,101.00

**Full Title:** A Multicenter, Double-Blind, Double-Dummy, Randomized, Positive Controlled Study Comparing the Efficacy and Safety of Lacosamide (200-600 mg/day) to Controlled Release Carbamazepine (400-1200 mg/day) used as monotherapy in Newly or Recently Diagnosed Patients with Partial-Onset Seizures

**Principle Investigators:** A Ogunyemi

**Co-Investigators:** B Hoppe

**Time Frame:** 2011/06/22 - 2014/05/31

**Funding Source:** UCB

**Funding Amount:** \$175,817.44

**Full Title:** A Multicenter, Randomized Study Comparing the Efficacy and Safety of Lacosamide and Controlled Release Carbamazepine used as Monotherapy Follow-Up (ucb SP0994)

**Principle Investigators:** A Ogunyemi

**Co-Investigators:** B Hoppe

**Time Frame:** 2012/12/10 - 2015/12/31

**Funding Source:** UCB

**Funding Amount:** \$179,569.20

**Full Title:** Evaluation of the NL Pharmacy Network

**Principle Investigators:** D MacDonald

**Co-Investigators:** J Donnan, K Collins, K Sikdar

**Time Frame:** 2013 – 2014

**Funding Source:** Canada Health Infoway

**Funding Amount:** \$447,000

**Full Title:** Evaluation of the Atlantic iEHR/Laboratory Initiative

**Principle Investigators:** D MacDonald

**Co-Investigators:** A Marsh, K Collins, J Squires, S Bowen

**Time Frame:** 2013 – 2014

**Funding Source:** Canada Health Infoway

**Funding Amount:** \$440,000

**Full Title:** Barriers and Facilitators in Access to Child/Youth Mental Health Services: A Mixed Methods, Intersectorial Study in Atlantic Canada

**Principle Investigators:** R Audas

**Co-Investigators:** D MacDonald, K Tilleczeck, S Ronis, M Zhang, R Chafe, O Heath, B Montelpare, W Yu, M Godwin

**Time Frame:** 2013 – 2018

**Funding Source:** CIHR

**Funding Amount:** \$2,500,000

**Full Title:** Exploring potential synergistic effects of aerobic and cognitive exercise on cognition after stroke: A multi-site pilot RCT

**Principle Investigators:** M Ploughman, J McCarthy

**Time Frame:** Applied March 2013

**Funding Source:** Heart and Stroke Foundation Centre for Stroke Recovery

**Funding Amount:** \$53,500

**Full Title:** Telegerontology: A novel approach to optimize health and safety and to “age in place” among people with dementia in Newfoundland and Labrador

**Principle Investigators:** R Butler

**Co-Investigators:** M Ploughman, G Farrell, C Caravan, VA Hollett

**Time Frame:** 2013-14

**Funding Source:** Alzheimer’s Society of Canada

**Funding Amount:** \$26,160

**Full Title:** Telegerontology: A novel approach to optimize health and safety and to “age in place” among people with dementia in Newfoundland and Labrador

**Principle Investigators:** R Butler

**Co-Investigators:** M Ploughman, G Farrell, C Caravan, VA Hollett

**Time Frame:** 2013-15

**Funding Source:** NL Centre for Applied Health Research

**Funding Amount:** \$40,000

**Full Title:** Provoking Action: Real-Time Activity Monitoring & Prompting Post-Stroke

**Principle Investigators:** L Middleton, R Swartz

**Co-Investigators:** M Ploughman, A Mansfield, B Lam

**Time Frame:** 2012-14

**Funding Source:** Centre for Stroke Recovery

**Funding Amount:** \$49,900

**Full Title:** The priming effect of aerobic exercise on neurocognitive recovery in chronic stroke

**Principle Investigators:** M McKay-Lyons

**Co-Investigators:** M Ploughman, S Boe, G Eskes, G Gubitz, G Robertson

**Time Frame:** 2012-14

**Funding Source:** Nova Scotia Health Research Foundation

**Funding Amount:** \$20,000

**Full Title:** The priming effect of aerobic exercise on neurocognitive recovery in chronic stroke

**Principle Investigators:** M McKay-Lyons

**Co-Investigators:** M Ploughman, S Boe, G Eskes, G Gubitz, G Robertson

**Time Frame:** 2012-14

**Funding Source:** Capital Health Research Foundation

**Funding Amount:** \$15,000

**Full Title:** GEM Project: A Multidisciplinary Human Study on the Genetic, Environmental, and Microbial Interactions that cause Inflammatory Bowel Disease

**Principle Investigators:** J McGrath

**Co-Investigators:** J Critch (Pediatric GI)

**Time Frame:** 2007- Present

**Funding Source:** Crohns and Colitis Foundation  
**Funding Amount:** \$50,150

**Full Title:** 2012 eHealth: ESAS and Palliative Patients via the internet

**Principle Investigators:** S MacDonald

**Co-Investigators:** G. Farrell

**Time Frame:** 2012 - 2013

**Funding Source:** Lighthouse

**Funding Amount:** \$10,000

**Full Title:** A study of the experiences of families of those who died on dialysis

**Principle Investigators:** V Maddelena

**Co-Investigators:** B Barrett, F O'Shea

**Time Frame:** 2 years

**Funding Source:** NLCAHR

**Funding Amount:** \$20,000/yr

**Full Title:** Finding the endocrine and genetic determinants of obesity: The Newfoundland Study

**Principle Investigators:** G Sun

**Co-Investigators:** S Vasdev

**Time Frame:** 2009-2014

**Funding Source:** CIHR

**Funding Amount:** \$806,520

**Full Title:** Investigating Celiac Disease in Newfoundland and Labrador

**Principle Investigators:** P Duke

**Co-Investigators:** S Vasdev

**Time Frame:** 2012

**Funding Source:** Medical Research Foundation

**Funding Amount:** \$10,000

**Full Title:** Transcripome analysis of ALG9-deficient and ALG12-deficient *Saccharomyces cerevisiae* transformants as a disease model for CDG-1L and CDG-1G

**Principle Investigators:** D Webster

**Co-Investigators:** D Nadaradjan, C Martyniuk, T Pulinilkunnil

**Funding Source:** Foundation Glycosylation Funding

**Full Title:** A Randomized, Double-blinded, Placebo-Controlled, Single-Center Study to evaluate the impact of Mupirocin on Infection Rate post Coronary Artery Bypass Graft

**Principle Investigators:** D Webster

**Co-Investigators:** T Arbo, C Brown, R Forgie, M Pelletier, C Dubé

**Funding Source:** AHSC HPRF

**Funding Amount:** \$30,000

**Full Title:** Investigating the mode of action of anti-mycobacterial C17 diynes from Canadian traditionally used medicinal plants

**Principle Investigators:** D Webster

**Funding Source:** Chesley Research Fund

**Funding Amount:** \$20,000

**Full Title:** Investigating the mode of action of anti-mycobacterial C17 diynes from Canadian traditionally used medicinal plants

**Principle Investigators:** D Webster

**Funding Source:** Horizon Health Network Health Innovation Research Fund

**Funding Amount:** \$16,500

**Full Title:** Novel anti-mycobacterial agents and drug leads from medicinal plants in New Brunswick

**Principle Investigators:** D Webster

**Funding Source:** Horizon Health Network Health Innovation Research Fund

**Funding Amount:** \$12,000

**Full Title:** Identifying novel genes causing otosclerosis, the most common cause of progressive hearing loss in Caucasians worldwide

**Principle Investigators:** TL Young

**Co-Investigators:** K Hodgkinson, S Stanton, T Stockley, S Moore, T Batten, P Rahman, Ms. A Griffin

**Time Frame:** 2010-2015

**Funding Source:** CIHR RPP program

**Funding Amount:** \$250,000

**Full Title:** Informing diagnostic and prognostic information for arrhythmogenic right ventricular cardiomyopathy type 5 (ARVD5) in children by comprehensive clinical and genetic analysis

**Principle Investigators:** K Hodgkinson

**Co-Investigators:** TL Young, C Templeton, S Shah, T Young, B Hamilton

**Time Frame:** 2011-2013

**Funding Source:** Childrens Cardiomyopathy Foundation

**Funding Amount:** \$50,000

**Full Title:** Life or Death? Genomics-based diagnostic tools to prevent sudden cardiac death

**Principle Investigators:** TL Young, K Hodgkinson, A Krahn, D Pullman

**Co-Investigators:** P Rahman, H Etchegary, B Salisbury, R Audas, C Collins, P Parfrey, R Goeree, S Connors, A Williams, J Dean, M Gardner, W McKenna, R Hamilton

**Time Frame:** 2011-2014

**Funding Source:** ACOA

**Funding Amount:** \$3,000,000

**Full Title:** Life or Death? Genomics-based diagnostic tools to prevent sudden cardiac death using ARVC as a model

**Principle Investigators:** TL Young, K Hodgkinson, A Krahn, D Pullman

**Co-Investigators:** P Rahman, H Etchegary, B Salisbury, R Audas, C Collins, P Parfrey, R Goeree, S Connors, A Williams, J Dean, M Gardner, W McKenna, R Hamilton

**Time Frame:** 2011-2014

**Funding Source:** Research Development Corporation

**Funding Amount:** \$250,000

**Full Title:** Evaluating Genetic Testing and Counselling for Adults with Major Neuropsychiatric Illness and their Families

**Co-Principle Investigators:** D Stavropoulos, A Bassett, K Hodgkinson, W Meschino

**Time Frame:** 2012

**Funding Source:** McLaughlan Centre  
**Funding Amount:** \$100,000

**Full Title:** Newfoundland and Labrador Bariatric Surgery Cohort Study: Examining patients' quality of life of laparoscopic sleeve gastrectomy surgery pre and post-surgery

**Principle Investigators:** D Gregory

**Co-Investigators:** L Twells

**Time Frame:** 2013 - 2014

**Funding Source:** Health Care Foundation

**Funding Amount:** \$7,500

**Full Title:** Bariatric Patients' Perceptions of their Health and Well-Being and Definitions of "Success" at 12-Months Post-Surgery

**Principle Investigators:** D Gregory

**Co-Investigators:** L Twells

**Time Frame:** 2012 - 2013

**Funding Source:** Health Care Foundation

**Funding Amount:** \$10,000

**Full Title:** Bariatric Care Research Planning Meeting

**Principle Investigators:** L Twells

**Co-Investigators:** D Gregory

**Time Frame:** June 3-6, 2013

**Funding Source:** CIHR

**Funding Amount:** \$19,650

**Full Title:** Newfoundland and Labrador Bariatric Surgery Cohort Study

**Principle Investigators:** L Twells

**Co-Investigators:** D Gregory, W Midodzi, D MacDonald, E Hatfield, C Dillon, E Warren, PS Parfrey, C Kovacs

**Time Frame:** 2011-2013

**Funding Source:** Newfoundland and Labrador Centre for Applied Health Research

**Funding Amount:** \$40,000

**Full Title:** Waiting for bariatric surgery: A qualitative study

**Principle Investigators:** D Gregory

**Co-Investigators:** L Twells

**Time Frame:** 2011-2014

**Funding Source:** Health Care Foundation, Eastern Health

**Funding Amount:** \$10,000

**Full Title:** A Randomized, Double-Blind, Multicenter Study of Denosumab Compared With Zoledronic Acid (Zometa<sup>®</sup>) in the Treatment of Bone Disease in Subjects with Newly Diagnosed Multiple Myeloma; Protocol Number 20090482

**Principle Investigators:** K Grewal

**Full Title:** Protocol GA04753g: An Open-Label, Multicenter, Randomized, Phase III Study to Investigate the Efficacy and Safety of Bendamustine Compare with Bendamustine + R05072759 (GA101) In Patients with Rituximab-Refractory, Indolent Non-Hodgkin's Lymphoma

**Principle Investigators: K Grewal**

**Full Title:** A Phase 3, Randomized, Double-Blind, Multicenter Study Comparing Oral MLN9708 plus Lenalidomide and Dexamethasone versus Placebo plus Lenalidomide and Dexamethasone in Adult Patients with Relapsed and/or Refractory Multiple Myeloma

**Principle Investigators: K Grewal**

**Full Title:** A Phase 3, Randomized, Controlled Study Evaluating the Efficacy and Safety of GS-1101 (CAL-101) in Combination with Ofatumumab for Previously Treated Chronic Lymphocytic Leukemia (GS-US-312-0119)

**Principle Investigators: K Grewal**

**Full Title:** The Experience of Female Lynch Syndrome Mutation Carriers with Preventative Gynecologic Cancer Surgery

**Co-Investigators: Elizabeth Dicks**

**Time Frame:** 2011 - Present

**Full Title:** Inflammatory Arthritis and Psoriasis - Developing a Co-management

**Principle Investigators:** V Chandran, University of Toronto

**Co-Investigators: H Etchegary**

**Time Frame:** 2013-2015

**Funding Source:** CIORA

**Funding Amount:** \$150,000

**Full Title:** The Experience of Female Lynch Syndrome Mutation Carriers Choosing Prophylactic Gynecologic Surgery

**Principle Investigators:** L Dawson

**Co-Investigators: H Etchegary**

**Time Frame:** 2012-2013

**Funding Source:** Health Care Foundation

**Funding Amount:** \$9,800

**Full Title:** Obesity and Attachment Style Disorders

**Principle Investigators: S Iqbal**

**Co-Investigators:** F Zaccarides

**Time Frame:** 2009 - Present

**Funding Source:** Astra Zeneca

**Funding Amount:** \$10,000

**Full Title:** Copy Number Variations in Ankylosing Spondylitis

**Principal Investigator: P Rahman**

**Time Frame:** 2012-2015

**Funding Source:** Canadian Institute of Health Research – RPP

**Funding Amount:** \$360,000

**Full Title:** Diagnostic Devices for Effective Clinical Management of Common, Debilitating Diseases

**Principal Investigator: P Rahman**

**Time Frame:** 2012-2015



**Funding Source:** Atlantic Innovation Fund  
**Funding Amount:** \$5,800,000

**Full Title:** Immunoregulation of experimental autoimmune thyroiditis

**Principal Investigator:** G Carayanniotis

**Time Frame:** 2008-2013

**Funding Source:** CIHR

**Funding Amount:** \$126,786 p.a

**Full Title:** Comparative Safety and Effectiveness of Incretins

**Principle Investigators:** JM Gamble

**Co-Investigators:** S Majumdar, LK Twells, W Midodzi.

**Funding Source:** CIHR Operating Grant \$

**Funding Amount:** \$187,841

**Full Title:** Comparative Cardiovascular Effectiveness of the Incretins

**Investigators:** JM Gamble

**Co-Investigators:** S Majumdar, LK Twells, W Midodzi.

**Funding Source:** Heart & Stroke Foundation

**Funding Amount:** \$176,841.00

**Full Title:** The NL Bariatric Surgery Cohort Study: Quality of Life

**Principle Investigators:** LK Twells, D Gregory

**Funding Source:** Health Care Foundation

**Funding Amount:** \$7,500

**Full Title:** CIHR Postdoc-Predictors for duration of Breastfeeding in NL

**Principle Investigators:** LK Twells, T Newhook

**Funding source:** CIHR

**Funding Amount:** \$45,000/yr

**Full Title:** The Feeding Infants in NL study.

**Principle Investigators:** L Newhook, L. Twells

**Funding Source:** Janeway Foundation

**Funding Amount:** \$15,000

**Full Title:** Cytokines in breast milk of women in NL

**Principle Investigators:** S Cheema,

**Co-Investigators:** L Twells, L Newhook, P Kwa.

**Funding Source:** Janeway Foundation

**Funding Amount:** \$15,000

**Full Title:** Breastfeeding Research Group 2012/2013

**Principle Investigators:** L Twells, L Newhook

**Funding Source:** Department of Health & Community Services: Baby Friendly Council of NL

**Funding Amount:** \$30,000

**Full Title:** Regulation of murine calcium and bone metabolism during pregnancy, lactation and post-weaning

**Principal Investigator:** C Kovacs

**Time Frame:** Through September 2013; renewal application submitted.

**Funding Source:** CIHR

**Funding Amount:** \$463,273

**Full Title:** The role of FGF23 in fetal phosphorus metabolism

**Principal Investigator:** C Kovacs

**Time Frame:** December 2012 - November 2015.

**Funding Source:** CIHR - Regional Partnership Program (with Newfoundland and Labrador Research Development Corporation)

**Funding Amount:** \$353,544

**Full Title:** Canadian Multicentre Osteoporosis Study

**Principal Investigators:** D Goltzman, N Kreiger

**Co-Investigators:** J Adachi, T Anastassiades, L Bessette, J Brown, D Hanley, W Hopman, S Jackson, A Jamal, R Josse, C Joyce, S Kaiser, S Kirckland, C Kovacs, W Leslie, W Olszynski, A Papaioannou, M Patel, J Prior, E Rahme, B Richards, T Towheed

**Time Frame:** Through September 2016

**Funding Source:** CIHR

**Funding Amount:** \$3,422,050

**Full Title:** Amgen Study #20110142

**Principal Investigator:** C Kovacs (Local)

**Time Frame:** Through 2014

**Funding Source:** Amgen

**Funding Amount:** Dependent on number of subjects

**Full Title:** ACCORDION Study

**Principle Investigator:** H Gerstein

**Co-Investigator:** C Kovacs, C Joyce

**Time Frame:** Through mid-2015

**Funding Source:** National Institutes of Health

**Funding Amount:** Unknown

**Full Title:** DECIDE study – Decision making about goals of care for hospitalized medical patients

**Principle Investigator:** John Shik (Local)

**Funding Source:** CIHR

**Funding Amount:** \$3,600

**Full Title:** Metformin in Type 2 Diabetes in Pregnancy Trial (Multicenter Canadian Randomized Trial)

**Principal Investigator:** B Galway

**Time Frame:** 2010 - Present

**Full Title:** OpT2mise Study – Type 2 DM Pump Study

**Co-Investigators:** B Galway

**Funding Source:** Industry Sponsored

**Full Title:** Implementation and Evaluation of an Eastern Health Thrombosis and Anticoagulation Management Program to Facilitate Safer Management of Patients Receiving Anticoagulant Therapies

**Principle Investigators:** R Chitsike

**Funding Source:** Enhancing Health Care in Newfoundland and Labrador Grant

**Funding Amount:** \$75,000.00

**Full Title:** Multicenter study for caffeine in Parkinson's disease

**Investigator:** K Squarey

**Funding Source:** CIHR

**Full Title:** Spatial and temporal patterns of tuberculosis infections in Newfoundland and Labrador Research Proposal

**Principle Investigator:** J Valcour

**Co-Investigator:** P Daley

**Funding Source:** CIHR

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