



UNIVERSITY OF
TORONTO

FACULTY OF MEDICINE
University of Toronto

Department of Surgery
Division of General Surgery
Residency Training Program

Research Grants of Faculty
(2014-2015)

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Grants - Hospital for Sick Children (HSC)

1. **Using the Zebrafish as a Pre-Clinical Animal Tumour Model for Drug Discovery and the Evaluation of Anti-Leukemia Agents.** (Co-Investigator). *Canadian Institute of Health, CIHR-NSERC Team Grant. Principal Investigator(s): Dellaire, Graham. Collaborators: Berman, Jason, Whitlock, James.* (\$600,000.00 CAD, Apr 2012 - Apr 2015). Funded. [Grant]
2. **Cost Analysis of Caring for Patients with Complex Congenital Disorders: Long-term Care and Cancer Screening for Esophageal Atresia/Tracheoesophageal Fistula Patients.** (Principal Investigator). *The Hospital for Sick Children, Peri-operative Services Summer Studentship Program. Principal Investigator(s): Chiu, PPL. Collaborators: Peggy Marcon, Claire Oliveira.* (\$4,000.00 CAD, Apr 2015 - Sep 2015). Funded. [Research Student]
3. **Costal Cartilage: Ultra Structural Properties in Chest Wall Deformities.** (Collaborator). *National Institute of Health (NIH), R21.* (USD, 2006 - present). Funded. [Grant]
4. **ChiDREN: Childhood Liver Disease and Research Network Consortium.** (Collaborator). *National Institutes of Health. Collaborators: Ng V, Avitzur Y, Durie P, Chung C, Fecteau A.* (\$730,381.00 USD, 2009 - 2014). Funded. [Grant]
5. **Determination of molecular signatures that allow differentiation between unilateral and bilateral Wilms' tumors using genome-wide arrays and whole-exome sequencing.** (Collaborator). *C17 Research Network. Principal Investigator(s): Weksberg, Rosanna. Collaborators: Lorenzo A, Gerstle JT, Romao R, Bagli D, Grant R, Choufani S, Shuman C, Taylor G.* (\$150,000.00 CAD, Jul 2013 - Jun 2015). Funded. [Grant]
6. **Magnetic Resonance-guided High Intensity Focused Ultrasound for the Treatment of High Risk Neuroblastoma.** (Principal Investigator). *Solving Kids Cancer. Principal Investigator(s): Gerstle, Ted. Collaborators: Drake J, Waspé A, Looi T, Amaral J, Temple M, Irwin M, Baruchel S, Malkin D, David E, Pichardo S.* (\$246,880.00 CAD, Jan 2015 - Jul 2018). Funded. [Grant]
7. **Tool-Tip Force and Torque Sensing for MAS Instruments.** (Co-Investigator). *The Hospital for Sick Children, Innovation Grant. Principal Investigator(s): Wee, Justin. Collaborators: Drake J, Gerstle JT.* (\$9,390.00 CAD, Jan 2015 - Feb 2016). Funded. [Grant]
8. **Adult-to-adult living liver transplantation (A2ALL).** (Principal Investigator). *National Institutes of Health (NIH) (USA). Principal Investigator(s): Grant, David. Collaborators: Levy, Gary; Clarke, Hance; Abbey, Susan; Holtzman, Susan.* (\$1,500,000.00 USD, Jan 2009 - Dec 2014). Funded. [Grant]
9. **Canadian National Transplant Research Program: Increasing Donation and Improving Transplantation Outcomes.** (Collaborator). *Canadian Institutes of Health Research (CIHR), CIHR Program Grant in Transplantation Research. Principal Investigator(s): West, Lori. Collaborators: Caulfield, Timothy; Hebert, Marie-Josée; Humar, Atul; Knoll, Greg; Levings, Megan; Mital, Seema; Roy, Denis-Claude; Schultz, Kirk; Shapiro, James.* (\$14,270,000.00 CAD, Apr 2013 - Mar 2018). Funded. [Grant]
10. **fgl2/FGL2 and heart transplantation.** (Co-Principal Investigator). *Ontario Heart and Stroke Foundation. Principal Investigator(s): Grant, David. Collaborators: G. Levy, H. Ross.* (\$298,287.00 CAD, Jul 2013 - Jul 2016). Funded. [Grant]
11. **The Effect of Music Exposure on Psychological and Physiological Functioning in Children Undergoing Elective Surgery: A Randomized Controlled Trial.** (Principal Investigator). *North York General Hospital, Research and Innovation Exploration Grant. Principal Investigator(s): Himidan, Sharifa. Collaborators: Oliveira, Carol; Pierro, Agostino; Eaton, Simon; Joo, Daisy; Grace, Noelle; Wilonska, Justyna; Campbell, Fiona .* (\$49,755.00 CAD, Sep 2013 - Aug 2014). Funded. [Clinical Trial]
12. **MRI Guided HIFU for Fetal and Obstetric Interventions (Proof of Concept).** (Principal Investigator). *Focus Ultrasound Surgery Foundation (FUSF), Research Awards Program. Principal Investigator(s): Himidan, Sharifa. Collaborators: Brisson B, Gartley C, Pierro A, Kim P.* (\$100,000.00 USD, Jan 2015 - Jan 2016). Rejected. [Grant]
13. **Magnetic Resonance Guided High Intensity Focused Ultrasound (HIFU) to treat non-resectable tumours in dogs; a pilot study.** (Co-Investigator). *Pet Trust Fund (The), Minimally Invasive*

- procedures Program. Principal Investigator(s): Brisson B. (\$28,750.00 CAD, 2012 - 2015). Funded. [Grant]*
14. **The KidsArm Project.** (Co-Principal Investigator). *FedDev Ontario, Southern Ontario Development Program. Principal Investigator(s): Kim P, Looi T. (\$10,000,000.00 CAD, Sep 2010 - Aug 2014). Funded. [Grant]*
 15. **Stereo Vision Database and Evaluation for Image Guided Surgery.** (Principal Applicant). *The Hospital for Sick Children, Perioperative Services Innovation Fund. Principal Investigator(s): Himidan, Sharifa. Collaborators: Wildes R, Jasiobedski P, Pierro A. (\$9,800.00 CAD, Sep 2014 - Sep 2015). Funded. [Grant]*
 16. **Stoma or Intestinal Anastomosis for Necrotising Enterocolitis of the Neonate (STAT): a Multicentre Randomized Controlled Trial.** (Co-Principal Investigator). *Ananda Trust, Ananda Trust Health. Principal Investigator(s): Pierro, Agostino; Himidan Sharifa. Collaborators: Lapidus-Krol E, Hall N. (\$60,000.00 USD, Jul 2011 - Jun 2015). Funded. [Clinical Trial]*
 17. **Evaluation of the nurse practitioner/enterostomal therapist role for the Hirschsprung disease and anorectal malformation population.** (Principal Investigator). *Hospital for Sick Children Perioperative Services Innovation Grant. Collaborators: Colapinto K, Dupuis K, Lapidus-Krol E. (\$128,783.00 CAD, 2011 - 2014). Funded. [Grant]*
 18. **Advancing paediatric surgical techniques and childhood nutrition research by utilizing Isotope-Ratio Mass Spectrometry.** (Principal Investigator). *Canadian Foundation for Innovation, John R. Evans Leaders Fund. Principal Investigator(s): Pierro, A. Collaborators: Pencharz, Paul Post, Martin. (\$269,340.00 CAD, Jul 2014 - Jul 2019). Funded. [Grant]*
 19. **Advancing paediatric surgical techniques and childhood nutrition research by utilizing Isotope-Ratio Mass Spectrometry.** (Principal Investigator). *Ontario Ministry of Research and Innovation (ON), Ontario Research Fund -Research Infrastructure (ORF-RI). Principal Investigator(s): Pierro, A. Collaborators: Pencharz, Paul Post, Martin. (\$269,340.00 CAD, Jul 2014 - Jul 2019). Funded. [Grant]*
 20. **The Effect of Music Exposure on Psychological and Physiological Functioning in Children Undergoing Elective Surgery: A Randomized Controlled Trial.** (Co-Investigator). *North York General Hospital, Research and Innovation Exploration Grant. Principal Investigator(s): Himidan Sharifa. Collaborators: Oliveira, Carol; Pierro, Agostino; Eaton, Simon; Joo, Daisy; Grace, Noelle; Wilonska, Justyna; Campbell, Fiona. (\$49,775.00 CAD, Sep 2013 - Aug 2014). Funded. [Grant]*
 21. **Stoma or Intestinal Anastomosis for Necrotising Enterocolitis of the Neonate (STAT): a Multicentre Randomized Controlled Trial.** (Principal Investigator). *Ananda Trust, Ananda Trust Health. Collaborators: Himidan S, Lapidus-Krol E, Hall N. (\$60,000.00 USD, Jul 2012 - Jun 2015). Funded. [Clinical Trial]*
 22. **Stereo Vision Database and Evaluation for Image Guided Surgery.** (Co-Investigator). *The Hospital for Sick Children, Perioperative Services Innovation Fund. Principal Investigator(s): Himidan, Sharifa. Collaborators: Wildes R, Jasiobedski P, Pierro A. (\$9,800.00 CAD, Oct 2014 - Sep 2015). Funded. [Grant]*
 23. **A Pilot Study of Systemic Glucagon Like Peptide Combined With Oral Epidermal Growth Factor and Characterization of Gut Microbiome in Short Bowel Piglets With and Without Ileum.** (Co-Investigator). *A.S.P.E.N. Rhoads Research Foundation. Principal Investigator(s): Levesque, Crystal. Collaborators: Turner JM, Wales PW, Li J. (\$49,800.00 CAD, Sep 2012 - Aug 2014). Funded. [Grant]*
 24. **Short Bowel Syndrome and Glucagon-Like Peptide-2 Therapy: Actions and Mechanisms Studied in Neonatal Piglets.** (Co-Principal Investigator). *CIHR/IRSC, Operating Grant. Principal Investigator(s): Turner JM, Wales PW. Collaborators: Brubaker P, Pencharz PB, Ball RO, Nation PN, Sigalet D, Vine D. (\$548,528.00 CAD, Jul 2013 - Jun 2017). Funded. [Grant]*
 25. **The Optimal Parenteral Lipid To Ensure Healthy Outcomes In Preterm Neonates.** (Co-Principal Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Turner, Justine M; Wales Paul W. Collaborators: Field C, Willing B, Mager D, SauveY. (\$612,070.00 CAD, Jul 2014 - Jun 2018). Applied. [Grant]*

Grants – Mount Sinai Hospital (MSH)

1. **A Phase I/II study of high dose rate brachytherapy for the palliation of rectal cancer.** (Collaborator). *Canadian Radiation Oncology Foundation/Sanofi-aventis, Research Innovation Award CASARIA. Principal Investigator(s): Wong KSR. Collaborators: Bayley A, Brierley J, Cummings B, Dinniwell R, Kennedy E, Le L, Ringash J, Jezioranski J, Kim E.* (\$20,000.00 CAD, Jul 2010 - present). Funded. [Clinical Trial]
2. **Generation of De Novo molecular targets for optical imaging-guided surgical interventions in breast cancer.** (Collaborator). *Cancer Care Ontario, Cancer Imaging Network of Ontario. Principal Investigator(s): Ralph DaCosta. Collaborators: Wey Leong, Brian Wilson, Susan Done.* (\$100,000.00 CAD, May 2011 - present). Funded. [Grant]
3. **Development of PRODIGI, a Handheld Optical Imaging Technology for Real-time Intraoperative-guidance of Breast Tumour Resection.** (Co-Investigator). *Canadian Institutes of Health Research, Cancer Research. Principal Investigator(s): Ralph DaCosta. Collaborators: Susan Done, Wey Leong, Brian Wilson.* (\$145,000.00 CAD, Jul 2011 - present). Funded. [Grant]
4. **Multimodal Optical Imaging of Breast Tumor Receptors for Diagnosis and Interventional Guidance In Vivo.** (Collaborator). *Canadian Breast Cancer Foundation (CBCF). Principal Investigator(s): Ralph DaCosta. Collaborators: Dr. Wey Leong, Alexandra Easson, Brian Wilson, Sachdev Sidhu, Susan Done,.* (\$440,000.00 CAD, Sep 2013 - Sep 2016). Funded. [Grant]
5. **Fluorescent imaging of breast cancer using microendoscopy.** (Principal Investigator). *Canadian Cancer Society Research Institute Innovation Grants. Principal Investigator(s): Easson, Alexandra. Collaborators: Wey Leong, Susan Done, Alexander Douplik.* (\$97,000.00 CAD, Feb 2014 - Feb 2016). Rejected. [Grant]
6. **Translational research resource for Benign Breast Cases.** (Co-Investigator). *Hold'em for Life Research Fund and revenue. Principal Investigator(s): Goodwin, Pamela. Collaborators: Woodgett, Jim; Ennis, Marguerite; Escallon, Jaime; Easson, Alexandra; Leong, Wey; Khokha, Rama; Crystal, Pavel; Hofer, Stefan; O'Neill, Anne; Zhong, Toni.* (Jan 2014 - Jul 2014). [Hold'em for Life Research Fund and revenue]
7. **Portable intraoperative fluorescence imaging for real-time margin assessment and guidance during breast cancer surgery.** (Co-Investigator). *Canadian Institutes of Health Research, Operating Grant. Principal Investigator(s): Ralph DaCosta. Collaborators: Susan Done, Wey Leong, Cheryl Rosen.* (\$456,000.00 CAD, Sep 2014 - Sep 2017). Funded. [Grant]
8. **Novel Translational Mosaic Mouse Models of Sarcoma.** (Principal Investigator). *Murray Brennan Award, The Kristen Ann Carr Fund.* (\$150,000.00 USD, Jan 2013 - Dec 2014). Funded. [Grant]
9. **Precision Sarcoma Research Program for Soft Tissue Sarcoma (Personalized Precision Medical Treatment for Patients with Soft Tissue Sarcoma) at Mount Sinai Hospital.** (Co-Principal Investigator). *Carlo Fidani Foundation, Operating. Principal Investigator(s): Project Leader: Dr. J. Wunder. Collaborators: Co-PIs: Dr. RA Gladdy and Dr. I. Andrulis.* (\$1,500,000.00 CAD, Feb 2014 - Mar 2018). Funded. [Research Donation]
10. **Unraveling the rhabdomyosarcoma genome using mouse mosaicism.** (Principal Investigator). *Petro-Canada Lubricants (Petro Can), Petro Canada Young Investigators Award.* (\$5,000.00 CAD, Apr 2015 - Mar 2016). Funded. [Grant]
11. **Population-based assessment of sleep deprivation in staff physicians and its impact on patient care.** (Principal Investigator). *University of Toronto, Dean's Fund. Principal Investigator(s): Govindarajan, Anand. Collaborators: Baxter, Nancy.* (\$19,662.00, Jun 2013 - May 2015). Funded. [Grant]
12. **Population-based assessment of sleep deprivation in staff physicians and its impact on patient care and outcomes.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Govindarajan, Anand. Collaborators: Baxter, Nancy Gagliardi, Anna Juurlink, David Kennedy, Erin Murray, Brian Sutradhar, Rinku Urbach, David.* (\$223,883.00, Oct 2013 - Mar 2016). Funded. [Grant]
13. **Comparative effectiveness of novel imaging techniques in predicting feasibility of surgery in patients with peritoneal metastases from colorectal cancer.** (Principal Investigator). *Ontario Ministry of Health and Long-Term Care, Innovation Fund. Principal Investigator(s): Govindarajan,*

- Anand. Collaborators: McCart, Andrea Metser, Ur O'Malley, Martin Brar, Savtaj. (\$157,726.00 CAD, Apr 2015 - Mar 2017). Funded. [Grant]*
14. **Patient and physician preferences for the management of low rectal cancer.** (Co-Principal Investigator). *American Society of Colon & Rectal Surgeons. Principal Investigator(s): McLeod RS and Kennedy ED. Collaborators: Smith A, Baxter N, Brierley J, Kim J, Victor C. (\$49,690.00 CAD, Sep 2010 - Aug 2014). Funded. [Grant]*
 15. **A phase II study to assess the safety and feasibility of refined selection criteria for pre-operative chemoradiation for rectal cancer.** (Principal Investigator). *MSH-UHN AMO Innovation Fund. Collaborators: Baxter N, Simunovic M and McLeod, R. (\$189,590.00 CAD, Jun 2013 - May 2015). Funded. [Grant]*
 16. **Population-based assessment of sleep deprivation in staff physicians and its impact on patient care and outcomes.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant: Health Services and Policy Research. Principal Investigator(s): Baxter, Nancy and Govindarajan, Anand. Collaborators: Gagliardi, Anna; Juurlink David; Kennedy, Erin; Murray, Brian; Sutradhar, Rinku; Urbach, David. (\$308,760.00 CAD, Sep 2013 - Aug 2016). Funded. [Grant]*
 17. **Accelerated implementation diffusion of quality initiatives for rectal cancer across Canada using a multi-faceted knowledge translation strategy.** (Principal Investigator). *Canadian Partnership Against Cancer (CPAC), Quality Initiatives for Diagnosis and Treatment of Cancer. Principal Investigator(s): Kennedy, Erin. Collaborators: Baxter N, Simunovic M and McLeod, RS. (\$903,000.00 CAD, Jan 2014 - Mar 2017). Funded. [Grant]*
 18. **Building Capacity for Provincial Lynch Syndrome Screening in Ontario.** (Co-Investigator). *Ontario Institute for Cancer Research / Cancer Care Ontario, Health Services Research Program - KT-NET. Principal Investigator(s): Baxter, Nancy. Collaborators: Rabeneck L, Gagliardi A, Kennedy ED, Timmouth J, Pollett A, Gallinger S, Covelli A, Facey M. (\$148,572.00 CAD, Apr 2014 - Apr 2015). Funded. [Grant]*
 19. **Improving the quality of oncofertility decision making among young women at risk of infertility during cancer survivorship.** (Co-Principal Investigator). *Canadian Cancer Society Research Institute, Quality of Life Grant Competition. Principal Investigator(s): Baxter, Nancy and Kennedy, Erin. Collaborators: Simmons C, Brezden-Masley C, Hicks L, Gupta A, Nathan P, Greenblatt E, Yee S,. (\$299,936.00 CAD, Feb 2014 - Mar 2017). Funded. [Grant]*
 20. **Sub-Project: SPOKE & GYPSY: Studies to Encourage Early Fertility Preservation Referral and to Predict Effects of Treatment on Fertility of Young Women with Breast Cancer.** (Co-Investigator). *Canadian Breast Cancer Foundation / Canadian Institute of Health Research - Institute of Cancer Research, CBCF-CIHR Breast Cancer in Young Women Research Program. Principal Investigator(s): Ellen Warner. Collaborators: Glass K, Foong S, Kennedy ED. (\$348,781.00 CAD, Jun 2014 - May 2019). Funded. [Grant]*
 21. **Sub-Project: Knowledge to Action: Improving local therapy for young women with breast cancer across Canada.** (Co-Investigator). *Canadian Breast Cancer Foundation / Canadian Institute of Health Research - Institute of Cancer Research, CBCF-CIHR Breast Cancer in Young Women Research Program. Principal Investigator(s): Baxter, Nancy. Collaborators: Simunovic M, Tyldesley S, Quan ML, Kennedy ED. (\$497,549.00 CAD, Jun 2014 - May 2019). Funded. [Grant]*
 22. **CIHR Strategic Training Grant in the Development of Biological Therapeutics.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Hampson D. Collaborators: Allen CJ, Bendayan R, Boyd SR, Bremner R, Gariepy J, Mak TW, McCart JA, Medin JA, Monnier PP, Pang KCS, Reilly RM, Schimmer AD, Van Der Kooy DJ. (\$1,787,630.00 CAD, Jul 2009 - Jun 2015). Funded. [Grant]*
 23. **Canadian Oncolytic Virus Consortium.** (Co-Principal Investigator). *Terry Fox Research Institute (TFRI). (\$7,500,000.00 CAD, Jul 2012 - Jun 2017). Funded. [Grant]*
 24. **Designing a next generation vaccinia virus using high through-put screening.** (Co-Principal Investigator). *Canadian Cancer Society Research Institute (CCSRI), Innovation Grant. Collaborators: David Stojdl. (\$200,000.00 CAD, Aug 2012 - Jul 2014). Funded. [Grant]*

25. **Enhanced Recovery after Surgery Guideline to Optimize Outcome following Colorectal Surgery.** (Project Lead). *Council of Academic Hospitals/Adopting Research to improve care. Principal Investigator(s): McLeod, Robin. Collaborators: Aarts MA, Okrainec A, Siddiqui N, Gotlib-Conn L, McKenzie M, Pearsall E.* (\$1,729,505.00 CAD, 2013 - 2015). Funded. [Grant]
26. **Implementation of an Enhanced Recovery after Surgery (iERAS) program.** (Principal Investigator). *Council of Academic Hospitals of Ontario (CAHO), ARTIC. Collaborators: Allan Okrainec, Mary-Anne Aarts, Lesley Gotlib, Naveed Siddiqui.* (\$80,000.00 CAD, Jan 2014 - Dec 2014). Funded. [Grant]
27. **Development of a Decision Rule for Discharging Patients following Colorectal Surgery based on Post-operative Serum C Reactive Protein and/or Procalcitonin Levels.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): McLeod, R. Collaborators: Aarts MA, Marshall J, McCluskey S, Morris A, Okrainec A, Rotstein O, Stiel I.* (\$489,000.00 CAD, 2014 - 2015). Funded. [Grant]
28. **A randomized phase III trial of preoperative chemoradiotherapy vs. preoperative chemotherapy for resectable gastric cancer.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Collaborators: Wong RKS, O'Callaghan CJ, Darling G, Jonker D, Kollmannsberger C, Liu G, Mittman N, Ringash J, Swallow CJ.* (\$241,547.00 CAD, 2011 - 2018). Funded. [Clinical Trial]

Grants- St. Michael's Hospital (SMH)

1. **Long-term physical and psychological outcomes in colorectal cancer survivors.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Hart, T. Collaborators: Baxter NN, Gallinger S, Cotterchio M.* (\$144,487.00 CAD, Oct 2012 - Sep 2014). Funded. [Grant]
2. **The use of human acellular dermal matrix in one-stage implant breast reconstruction: A multicenter, randomized, controlled trial.** (Co-Investigator). *Canadian Breast Cancer Foundation (CBCF). Principal Investigator(s): Zhong, T. Collaborators: Baxter NN, Hofer S, Semple J, Brown M, Beber B, Macadam S, Hoch J, Lennox P, Devins J.* (\$368,449.00 CAD, Jul 2012 - Jun 2015). Funded. [Grant]
3. **A population-based study of cancer incidence and mortality in patients with solid organ transplants.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Baxter, NN. Collaborators: Brezden-Masley C, Hicks L, Kim J, Paterson M, Sutradhar R, Urbach D.* (\$682,732.00 CAD, Oct 2011 - Sep 2016). Funded. [Grant]
4. **Evaluating quality improvement interventions in colorectal cancer surgery in Ontario.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Simunovic, M. Collaborators: Baxter NN, Brouwers MC, Earle CC, Forbes S, O'Brien MA, Smith AJ, Stukel TA, Urbach DR.* (\$619,015.00 CAD, Mar 2012 - Feb 2017). Funded. [Grant]
5. **Pan-Canadian Colorectal Cancer Consortium.** (Co-Investigator). *Terry Fox Research Institute Special Program Funding. Principal Investigator(s): Gallinger, S. Collaborators: Basik M, Batist G, Baxter NN, Diaz Z, Gryfe R, McLaughlin J Pollett A, Spatz A.* (\$2,500,000.00 CAD, Apr 2012 - Mar 2017). Funded. [Grant]
6. **Population-based assessment of sleep deprivation in staff physicians and its impact on patient care and outcomes.** (Co-Principal Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Baxter, NN, Govindarajan, A. Collaborators: Gagliardi A, Juurlink D, Kennedy E, Murray B, Sutradhar R, Urbach D.* (\$308,760.00 CAD, Sep 2013 - Aug 2016). Funded. [Grant]
7. **Improving cancer screening among First Nations and Métis.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Partnerships for Health System Improvement Grant. Principal Investigator(s): Kewayosh A, Rabeneck L, Tinnmouth J. Collaborators: Baxter NN, Borkhoff CM, Deber RSB, Dobrow M, Gesink D, Jackson SF, Llovet DN, Lofter AK, Marrett LD, Mackinnon ML, Paszat LF.* (\$562,491.00 CAD, Jul 2013 - Jun 2017). Funded. [Grant]
8. **Initiative to Maximize Progress in Adolescent Cancer Therapy (IMPACT).** (Principal Investigator). *C17 Research Network. Principal Investigator(s): Baxter, NN; Nathan P. Collaborators: Nathan P (Co-PI), Alexander S, Barr R, Greenberg M, Gupta S, Gupta A, Hicks L,*

- Johnston D, Pole J, Sussman J, Sutradhar R, Paszat L.* (\$179,676.00 CAD, Sep 2013 - Aug 2015). Funded. [Grant]
9. **A phase II study to assess the safety and feasibility of refined selection criteria for pre-operative chemoradiation for rectal cancer.** (Co-Investigator). *MSH-UHN Academic Medical Organization Innovation Fund. Principal Investigator(s): Kennedy, Erin. Collaborators: Baxter NN, Simunovic M, McLeod RS.* (\$189,590.00 CAD, Jun 2013 - May 2015). Funded. [Grant]
 10. **Initiative to Maximize Progress in Adolescent and Young Adult (AYA) Cancer Therapy (IMPACT).** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Baxter NN, Nathan P. Collaborators: Nathan P (Co-PI), Alexander S, Barr R, Greenberg M, Gupta S, Gupta A, Hicks L, Johnston D, Pole J, Sussman J, Sutradhar R, Paszat L.* (\$913,870.00 CAD, Apr 2014 - Mar 2019). Funded. [Grant]
 11. **Accelerated implementation diffusion of quality initiatives for rectal cancer across Canada using a multi-faceted knowledge translation strategy.** (Co-Principal Investigator). *Canadian Partnership Against Cancer (CPAC). Principal Investigator(s): Kennedy E, Baxter NN. Collaborators: Simunovic M, McLeod RS.* (\$903,000.00 CAD, Jan 2014 - Mar 2017). Funded. [Grant]
 12. **Building Capacity for Population-based Lynch Syndrome Screening in Ontario.** (Principal Investigator). *OICR-CCO Knowledge Translation Network, Health Services Research. Principal Investigator(s): Baxter, NN. Collaborators: Rabeneck L, Gagliardi A, Kennedy E, Tinmouth J, Pollett A, Gallinger S, Covelli A, Facey M.* (\$148,572.00 CAD, Apr 2014 - Mar 2015). Funded. [Grant]
 13. **Improving the quality of oncofertility decision making among young women at risk of infertility during cancer survivorship.** (Principal Investigator). *Canadian Cancer Society Research Institute (CCSRI), Quality of Life. Principal Investigator(s): Baxter, NN, Kennedy, E. Collaborators: Kennedy, E (Co-PI), Simmons C, Brezden-Masley C, Hicks L, Gupta A, Nathan P, Greenblatt E, Yee S, Covelli A, Srikanthan A, Facey M.* (\$299,936.00 CAD, Feb 2014 - Mar 2017). Funded. [Grant]
 14. **Knowledge to Action: Improving local therapy for young women with breast cancer across Canada.** (Principal Investigator). *Canadian Breast Cancer Foundation (CBCF) - Canadian Institutes of Health Research (CIHR), Breast Cancer in Young Women Research Program. Principal Investigator(s): Baxter NN, Simonovic M, Quan ML, Tyldesley S. Collaborators: Simonovic M (Co-PI), Quan ML (Co-PI), Tyldesley S (Co-PI), Cao J, Hebbard P, Latosinsky S, Olivotto I, Winget M, Provencher L, Wright F, Lemieux J, Kennedy E, Sutradhar R.* (\$497,549.00 CAD, Jun 2014 - May 2019). Funded. [Grant]
 15. **The Inference From Observational Research Methods (INFORM) Project.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Urbach D. Collaborators: Baxter NN, Bell CM, Gagliardi AR, Tomlinson GA.* (\$501,724.00 CAD, Oct 2014 - Sep 2018). Funded. [Grant]
 16. **Screening for non-melanoma skin cancer after solid organ transplantation.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Health Services and Policy Research. Principal Investigator(s): Chan AW. Collaborators: Austin PC, Baxter NN, Kim SJ, Rochon PA, Singer LG.* (\$161,486.00 CAD, Jul 2014 - Jul 2016). Funded. [Grant]
 17. **Using a novel quality metric approach to examine the healthcare utilization of post-mastectomy breast reconstruction: a population-based study.** (Co-Investigator). *Physicians' Services Incorporated Foundation. Principal Investigator(s): Zhong T. Collaborators: Roberts A, Baxter NN.* (\$74,000.00 CAD, Jul 2014 - Jul 2015). Funded. [Grant]
 18. **Pathways and precursors: Understanding the relationship between molecular pathways of colorectal cancer carcinogenesis and the effectiveness of colonoscopy.** (Principal Investigator). *Canadian Cancer Society Research Institute, Innovation Grant. Principal Investigator(s): Baxter, NN. Collaborators: Sutradhar S, Hsieh E, Gallinger S, Connor A.* (\$199,370.00 CAD, Feb 2015 - Jan 2017). Applied. [Grant]
 19. **Pre-consultation educational group intervention to improve shared decision making for postmastectomy breast reconstruction.** (Co-Principal Investigator). *Canadian Breast Cancer Foundation. Principal Investigator(s): Zhong, T; Baxter, NN. Collaborators: Metcalfe K, Hofer S, O'Neill A, Jones J, Panzarella T, Cheng T, Beber B, Hoch J, Isaranuwatthai W, Platt J.* (\$352,285.00 CAD, Jun 2015 - May 2018). Funded. [Grant]

20. **What comes next: Real world health services utilization, outcomes and cost-effectiveness after BRCA1 and BRCA2 testing in Canada.** (Principal Investigator). *Canadian Breast Cancer Foundation. Principal Investigator(s): Baxter NN, Lerner-Ellis J. Collaborators: Lerner-Ellis J (Co-PI), Metcalfe K, Sutradhar R, Eisen A, Meschino W, Hoch J, Chun K, Finch A, Isaranuwachai W.* (\$449,942.00 CAD, Jun 2015 - May 2019). Funded. [Grant]
21. **Reducing income related disparities in colorectal cancer screening.** (Co-Investigator). *St. Michael's Foundation.* (\$49,673.00 CAD, Jul 2014 - Jun 2015). Applied. [Grant]
22. **Development and Evaluation of an Objective Assessment of Technical Skill for Graduating General Surgery Residents.** (Principal Investigator). *Royal College of Physicians and Surgeons of Canada, Medical Education Research Grant.* (\$23,009.00 CAD, Jul 2014 - Jun 2015). Funded. [Grant]
23. **Toronto LHIN Wellness Patient Transition.** (Co-Investigator). *Cancer Care Ontario.* (\$100,000.00 CAD, Jul 2013 - Jul 2014). Funded. [Grant]
24. **The Canadian F.I.G.H.T. (Fluorescence Image-Guided Help in Treating) Breast Cancer Surgical Trial.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Canadian Institutes of Health Research. Principal Investigator(s): Ralph DaCosta. Collaborators: Abrahamyan L, Deobald, R, Done S, Easson A, George R, Groot G, Helyer L, Holloway C, Krahn M, Leong W, Look Hong N, McCready D, Meiers P, Mew D, Nofech-Mozes S, Panzarella T, Rac V, Rosen C, Scheer A, Simpson J, Tenenbein P, Wright F.* (\$1,580,000.00 CAD, Mar 2015 - Mar 2015). Applied. [Grant]
25. **Effective systems for procedure specific Health Care Simulation.** (Co-Principal Investigator). *Ontario Research Fund (ORF).* (\$4,794,875.40, Jul 2011 - Jun 2016). Funded. [Grant]
26. **Assessing personality traits of surgical trainees to predict non-technical and crisis management skills in the operating room.** (Principal Investigator). *PSI Foundation. Principal Investigator(s): Teodor Grantcharov. Collaborators: Nicolas Dedy.* (\$15,500.00 CAD, Nov 2014 - Nov 2015). Funded. [Grant]
27. **The development of feasible, reliable and valid in-training milestones as a means to assess technical and non-technical competence in General Surgery trainees.** (Co-Principal Investigator). *PSI Foundation. Principal Investigator(s): Szasz P & Grantcharov TP.* (\$19,000.00 CAD, Feb 2015 - Feb 2016). Funded. [Grant]
28. **Surgical coaching - using tele-mentoring to provide error debriefing, behavioral modeling and error recognition to enhance surgical skills.** (Principal Investigator). *Association for Surgical Education (ASE). Principal Investigator(s): Grantcharov TP.* (\$15,000.00 USD, Apr 2015 - Apr 2015). Funded. [Grant]
29. **Fate-determining mechanisms in the epithelium during fibrogenesis: the role of cell contacts.** (Principal Applicant). *Canadian Institutes of Health Research (CIHR). Collaborators: Dr. B. Hinz.* (\$850,123.00 CAD, Sep 2010 - Aug 2015). Funded. [Grant]
30. **Interprofessional disaster preparedness for Japanese health care students and professions.** (Co-Investigator). *Ministry of Health, Japan. Principal Investigator(s): Ohshima, N. Collaborators: Bontje P, Oneyama H, Yoshiura T, Reeves S, Kitto S.* (\$133,000.00 JPY, 2013 - 2016). Funded. [Grant]
31. **Interprofessional collaboration within the health professions in South Tyrol, Italy: How do the different professions view and evaluate the current status of interprofessional collaboration.** (Co-Investigator). *National Agency: Provincia Autonoma di Bolzano Italy. Principal Investigator(s): Reeves, Scott. Collaborators: Mischo-Kelling M, Tappeiner W, Lochner L, Vittadello F, Kitto S.* (\$272,625.00 EUR, 2013 - 2015). Funded. [Grant]
32. **Understanding the nature of interprofessional teamwork in intensive care units: a multi-institutional ethnographic study.** (Co-Principal Investigator). *Gordon & Betty Moore Foundation, California. Principal Investigator(s): Reeves, Scott. Collaborators: Kitto S, Provonost P, Grouper M, Aboumatar H, Wachter B.* (\$2,167,937.00 USD, 2012 - 2015). Funded. [Grant]
33. **An integrated multi-faceted knowledge translation intervention to improve bone health in men receiving androgen deprivation therapy for prostate cancer.** (Co-Investigator). *Canadian Cancer Society, Knowledge To Action Grant. Principal Investigator(s): Jones J. Collaborators: Alibhai S,*

- Kitto S, Catton C, Cheung A, Hamilton R, Warde P. (\$99,919.00 CAD, Aug 2013 - 2015). Funded. [Grant]
34. **Exploring parent-health care provider decision making practices for children with complex health care needs receiving home care services.** (Co-Investigator). *The Hospital for Sick Children, Norman Saunders Complex Care Initiative (NSCCI)*. Principal Investigator(s): Karen LeGrow. Collaborators: Cohen E, Espin S, Gibson B, Kitto S, Nicholas D. (\$26,152.00 CAD, Jan 2014 - Dec 2014). Funded. [Grant]
 35. **SACME Terminology Project, Phase 2.** (Co-Principal Investigator). *Society for Academic Continuing Medical Education (SACME), Research Support Grant*. Principal Investigator(s): Van Hoof, Thomas. Collaborators: Kitto S. (\$180,000.00 USD, Nov 2013 - Dec 2014). Funded. [Grant]
 36. **Combined in vitro/in vivo bioimaging approach for translational research in lung injury and repair.** (Principal Investigator). *Canada Foundation for Innovation (CFI)*. Collaborators: Andras Kapus, Ori Rotstein. (\$999,384.00 CAD, Jul 2012 - Jun 2017). Funded. [Grant]
 37. **Alveolar fluid secretion - a novel mechanism of pulmonary edema.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR)*. (\$551,250.00 CAD, Jul 2012 - Jun 2017). Funded. [Grant]
 38. **Role of CFTR and sphingolipids in hypoxic pulmonary vasoconstriction.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR)*. (\$677,175.00 CAD, Jul 2013 - Jun 2018). Funded. [Grant]
 39. **The mast cell - B cell axis in lung vascular remodelling and pulmonary hypertension.** (Principal Investigator). *Heart & Stroke Foundation Canada*. (\$297,674.00 CAD, Jul 2013 - Jun 2016). Funded. [Grant]
 40. **Cellular mode of action and spectrum of application of angiotensin-(1-7) for the treatment of acute lung injury and systemic inflammatory diseases.** (Principal Investigator). *German Research Foundation (Deutsche Forschungsgemeinschaft)*. Collaborators: Thomas Walther. (\$182,964.00 EUR, Jul 2014 - Jul 2016). Funded. [Grant]
 41. **Microparticles as biomarkers, pathogenic mediators and novel therapeutics in acute and chronic lung disease.** (Principal Investigator). *Canada Foundation for Innovation (CFI)*. Collaborators: Heyu Ni, Jane Batt. (\$625,018.00 CAD, Jul 2014 - Jul 2019). Funded. [Grant]
 42. **Mechanisms of antibody-independent transfusion-related acute lung injury (TRALI).** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Canadian Blood Services (CBS), Priority Announcement TRALI*. Collaborators: John Semple. (\$328,713.00 CAD, Jan 2015 - Dec 2017). Funded. [Grant]
 43. **Defining the complex biology of the miR-130/301 family in pulmonary hypertension.** (Co-Investigator). *National Institutes of Health (NIH), ROI*. Principal Investigator(s): Chan, Stephen. (\$135,000.00 USD, Oct 2014 - Sep 2019). Funded. [Grant]
 44. **Trauma System Development in Canada: Overcoming the Challenges of Geography Through an Evaluation of Structures and Process.** (Decision Maker). *Canadian Institutes of Health Research (CIHR)*. Principal Investigator(s): Nathens A. Collaborators: Rubinfeld G, Morrison LM, Gagliardi A, Pong R, Schuurman N, Cusimano M, Hameed M, Lawless B, Peters P, Snider C, Tallon J, Schwartz B, Pandya A. (\$2,264,139.00 CAD, Jul 2010 - Jun 2015). Funded. [Grant]
 45. **Canadian Critical Care Knowledge Translation Network.** (Co-Investigator). *CIHR*. Principal Investigator(s): Muscedere, John. Collaborators: Gibney, N., Keenan, S., Lawless, B., Cook, D., Dodek, P., Heyland, DK., Martin, C., Scales, D., et al. (\$599,611.00 CAD, Oct 2012 - Sep 2015). Funded. [Grant]
 46. **Cellular and Molecular Mechanisms of Prolonged Neutrophil-Mediated Inflammation in Trauma and Sepsis: The Role of PBEF/Nampt/Visfatin.** (Principal Investigator). *The Physicians' Incorporated Foundation*. Principal Investigator(s): Marshall, John C. (\$169,500.00 CAD, 2012 - 2014). Funded. [Grant]
 47. **PROSPECT: Probiotics: Prevention of Severe Pneumonia and Endotracheal Colonization Trial (PROSPECT): A Pilot Trial.** (Co-Investigator). *Canadian Institutes of Health Research*. Principal Investigator(s): Cook, DJ. (\$223,231.00 CAD, Mar 2013 - Mar 2015). Funded. [Grant]

48. **Cellular Immunotherapy for Septic Shock (CISS): A Phase I Trial.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR)*. Principal Investigator(s): McIntyre, LA. Collaborators: COURTMAN, David W; FERGUSSON, Dean A; GRANTON, John T; LALU, Manoj M; MARSHALL, John C; MEI, Shirley H; STEWART, Duncan J; WALLEY, Keith R; WINSTON, Brent W. (\$366,811.00, 2012 - 2014). Funded. [Clinical Trial]
49. **Temperature, Heart and Respiratory Rate Investigation with Variability Evaluation and Serum Biomarkers THRRIVES) to provide early and specific warning of infection.** (Co-Investigator). *The Ottawa Hospital Academic Medical Organization, Innovation Fund*. Principal Investigator(s): Seely, Andrew JE. (CAD, Oct 2014 - Sep 2017). Funded. [Clinical Trial]
50. **The Canadian Critical Care Trials Group.** (Co-Principal Investigator). *Canadian Institutes of Health Research (CIHR), Circulatory and Respiratory Health Community Development*. Principal Investigator(s): Hebert P, Marshall J, Cook D, Burns K, et al. (\$1,500,000.00 CAD, Sep 2014 - Aug 2019). Funded. [Grant]
51. **Cellular and molecular mechanisms of neutrophil survival in sepsis and trauma: the role of PBEF/Nampt/Visfatin.** (Principal Investigator). *The Physicians' Services Incorporated Foundation*. (\$169,500.00 CAD, Feb 2015 - Feb 2017). Funded. [Grant]
52. **Development of a Decision Rule for Discharging Patients following Colorectal Surgery based on Post-operative Serum C Reactive Protein and/or Procalcitonin Levels.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR)*. Principal Investigator(s): McLeod, R. Collaborators: Aarts MA, Marshall J, McCluskey S, Morris A, Okrainec A, Rotstein O, Stiel I. (\$489,000.00, 2014 - 2015). Funded. [Clinical Trial]
53. **International Forum for Acute Care Trialists.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Institute of Circulatory and Respiratory Health*. (\$40,000.00 CAD, Apr 2015 - Mar 2016). Funded. [Planning Meeting Grant 2015-16]
54. **Sepsis in emergency general surgery admissions: protocol for a multicentre audit.** (Principal Investigator). *International Source*. (Dec 2013 - Feb 2015). Funded. [Clinical Trial]
55. **Hypertonic modulation in Inflammation and Coagulation Following Injury.** (Co-Principal Investigator). *Defense Research and Development Canada / National Institutes of Health*. Collaborators: Bulger E., Washington University, Seattle; Wolfgang Y., Harvard Medical School; Rhind S., Defense Research and Development Canada (Co-principal investigators). (Jul 2007 - present). Funded. [Grant]
56. **Age of blood evaluation (ABLE) trial in the resuscitation of critically ill patients.** (Site Co-Investigator). *Canadian Institutes of Health Research (CIHR)*. Principal Investigator(s): Lacroix, Jacques. Collaborators: Drs. Jeannie Callum; Robert Fowler (Site Co-Investigators). (May 2009 - present). Funded. [Clinical Trial]
57. **Resuscitation outcomes consortium - from bench to bedside to curbside.** (Co-Investigator). *National Institutes of Health / Canadian Institutes of Health Research (CIHR) / Heart and Stroke of Canada*. Principal Investigator(s): Slutsky, Dr. Arthur S. (Sep 2004 - Dec 2015). Funded. [Grant]
58. **Coagulopathy in Trauma: A Comparative Study.** (Principal Investigator). *Defense Research and Development Canada*. (CAD, 2012 - 2016). Funded. [Contract]
59. **Prospective randomized optimal platelet and plasma ratio trial.** (Principal Site Investigator). *CIHR and Defense Research and Development Canada*. Principal Investigator(s): Holcomb, John. (2012 - 2016). Funded. [Clinical Trial]
60. **The impact of 1red blood cell: 1plasma: 1platelet transfusion versus laboratory-guided transfusion on coagulation in bleeding trauma patients.** (Supervisor). *Dean's Fund of the University of Toronto, Dean's Fund*. Principal Investigator(s): Nascimento, Bartolomeu. (Jul 2013 - Jul 2014). Applied. [Grant]
61. **Development of Rotational Thromboelastometry (ROTEM) based transfusion guidelines for the optimal management of early resuscitation of bleeding trauma patients.** (Supervisor). *Canadian Institute Health Research (CIHR), Master's award Frederic Banting Charles Best Canada Graduate*. Principal Investigator(s): Veigas, Precilla. (Jul 2013 - Jul 2014). Applied. [Research Fellowship]
62. **From Bench to Bedside to Curbside.** *Canadian Institutes of Health Research (CIHR)*. Principal Investigator(s): Slutsky AS. Collaborators: Dorian P, Morrison L, Spence J, Baker AJ, Lavery J,

- Fowler R, Black S, Sibbald W, Redeimeier. (\$1,057,000.00 CAD, Jul 2009 - Jun 2016). Funded. [Grant]
63. **HL-10-006 Toronto Regional Coordinating Center Clinical Research Consortium to Improve Resuscitation Outcomes.** (Collaborator). *National Institutes of Health (NIH) (USA)*. *Principal Investigator(s): Laurie Morrison*. *Collaborators: Baker A, Brooks S, Cheskes S, Craig A, Dainty K, Dorian P, Feldman M, Foeree R, Hutchinson J, Ferguson N, Laupacis A, MacDonald R, Mamdani M, Moran P, Nathens A, Needham D, Redelmeier D, Rizoli S, Rubinfeld G, Scales D, Schull M, Schwartz B, Slutsky A, Spence J, Stuss D, Verbeek R, Wax R*. (\$1,009,800.00 CAD, Jul 2010 - Jun 2016). Funded. [Grant]
 64. **From Bench to Bedside to Curbside.** (Collaborator). *Heart and Stroke Foundation of Canada (HSFC)*. *Principal Investigator(s): Slutsky AS*. *Collaborators: Dorian P, Morrison L, Spence J, Baker AJ, Lavery J, Fowler R, Black S, Sibbald W, Redelmeier*. (\$1,500,000.00 CAD, Jul 2010 - Jun 2016). Funded. [Grant]
 65. **From Bench to Bedside to Curbside.** *National Institutes of Health (NIH) (USA), Department of Health and Human Services*. *Principal Investigator(s): Slutsky AS*. *Collaborators: Dorian P, Morrison L, Spence J, Baker AJ, Lavery J, Fowler R, Black S, Sibbald W, Redeimeier*. (\$648,000.00 USD, Jul 2010 - Jun 2016). Funded. [Grant]
 66. **Mechanisms of macrophage priming for LPS signaling by oxidative stress.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR)*. (\$713,605.00 CAD, Oct 2010 - Sep 2015). Funded. [Grant]
 67. **Resuscitation in Motion 2014: Building networks of excellence to advance resuscitation science research, development and practice.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Health Sciences and Policy Research*. *Principal Investigator(s): Morrison L, Baker A*. (\$24,600.00 CAD, Oct 2013 - Sep 2014). Funded. [Grant]
 68. **Mechanisms underlying the susceptibility of fatty liver to injury.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), CIHR Operating Grant*. *Principal Investigator(s): Rotstein, Ori*. *Collaborators: Selzner, Marcus*. (\$180,000.00 CAD, Oct 2014 - Sep 2016). Rejected. [Grant]
 69. **Effect of Remote Ischemic Conditioning on Neutrophil Function and the Immune-Inflammatory and Coagulation Profiles in Traumatically Injured Patients with Hemorrhagic Shock.** (Principal Investigator). *Physicians' Services Incorporated Foundation*. *Principal Investigator(s): Rotstein, OD*. *Collaborators: Leung CH, Rizoli SB, Topolovec-Vranic J, Rhind S, Caldarone C*. (\$168,500.00 CAD, Jun 2015 - May 2017). Funded. [Grant]
 70. **Development of a Decision Rule for Discharging Patients following Colorectal Surgery based on Post-operative Serum C Reactive Protein Levels.** (Co-Investigator). *Canadian Institutes of Health Research Operating Grant*. *Principal Investigator(s): McLeod, Robin*. *Collaborators: Aarts MA, Marshall JC, McCluskey S, Morris A, Okrainec A, Rotstein OD, Stiell I*. (\$358,402.00 CAD, Oct 2014 - Sep 2015). Funded.
 71. **Addressing Key Knowledge Gaps and Building Capacity in Bariatric Care.** (Co-Applicant). *Canadian Institutes of Health Research, Team Grant: Bariatric Care- Management of Severe Obesity*. *Principal Investigator(s): Padwal, Raj*. *Collaborators: Bacon S, Cheung A, Johnson J, Klarenbach S, Majumdar S, Twells L, Audas R, Boyd S, Chafe R, Denis R, Forhan M, Gregory D, Langlois MF, Mathur S, Pace D, Prado C, Santosa S, Rotstein OD*. (\$1,500,000.00 CAD, Mar 2015 - Feb 2020). Rejected. [Grant]
 72. **Canadian Resuscitation Outcomes Consortium (CanROC).** (Collaborator). *ICRH Community Development Program Grant- Resuscitation Clinical Research*. *Principal Investigator(s): Morrison, L*. (\$1,500,000.00 CAD, Jul 2014 - Jun 2015). Applied. [Grant]
 73. **The evaluation of a rectal cancer decision aid and the factors influencing its implementation in clinical practice.** (Collaborator). *Physicians Services Incorporated Foundation (The) (PSI)*. *Collaborators: Wu R, AS Scheer, RP Boushey, D Stacey*. (\$20,000.00 CAD, 2014 - 2015). Funded. [Grant]
 74. **Health-related quality of life and cosmesis differences between immediate vs. delayed reconstruction in women requiring radiation post mastectomy: A pilot study.** (Co-Principal

- Investigator). *Sunnybrook General Surgery Associates, Academic Enrichment Grant. Collaborators: AS Scheer, D Vesprini, L Snell, J Lipa, F Wright.* (\$7,500.00 CAD, 2013 - 2014). Funded. [Grant]
75. **The use of extended peri-operative low molecular weight heparin to improve cancer specific survival following surgical resection of colon cancer: A randomized controlled trial.** (Collaborator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): R Auer and M Carrier.* (\$989,304.00 CAD, 2010 - 2014). Funded. [Grant]
 76. **A prospective study of patient-reported health-related quality of life, satisfaction and overall experience following post-mastectomy breast reconstruction.** (Co-Principal Investigator). *Canadian Breast Cancer Foundation (CBCF). Collaborators: AS Scheer, N Baxter, J Lipa, FC Wright.* (\$449,741.00 CAD, 2014). Applied. [Grant]
 77. **Informing and personalizing the decision for contralateral prophylactic mastectomy: The development of evidence-based decision support tools for patients and practitioners to reduce the overtreatment of breast cancer.** (Co-Principal Investigator). *Ontario Institute for Cancer Research (OICR), KT Net. Collaborators: AS Scheer, A Eisen, E Cordeiro, C Holloway.* (\$150,000.00 CAD, 2014). Applied. [Grant]
 78. **Personalizing cancer care: Improving the quality of patient decisions and cancer care for genome sequence.** (Co-Investigator). *Canadian Cancer Society Research Institute (CCSRI), QoL. Collaborators: Y Bombard, A Laupacis, AS Scheer, A Bayoumi, J Lerner-Ellis, M Robson, K Offit, K Schrader, E Glogowski, J Hamilton.* (2014). Applied. [Grant]
 79. **Patterns of invasive palliative procedures performed in patients with metastatic colorectal cancer.** (Collaborator). *Physicians' Services Incorporated, Resident research grant. Principal Investigator(s): Easson, Alexandra. Collaborators: Julie Hallet MD, Veronica Liang, Stephanie Ramkumar.* (\$17,500.00 CAD, Jan 2015 - Jun 2016). Funded. [Grant]
 80. **An in-depth assessment of the psychosocial impact of high risk breast cancer screening.** (Principal Investigator). *CancerCare Ontario, Achieving Excellence in Cancer Care Project Award 2015. Principal Investigator(s): Scheer, Adena. Collaborators: Bombard Y, Grunfeld E, Metcalfe K, Muradali D, Xin Y.* (\$5,000.00 CAD, Jun 2015 - Jun 2016). Funded. [Grant]
 81. **A multidisciplinary approach to reducing positive margin rate in breast conserving surgery.** (Principal Investigator). *St. Michael's Hospital, Quality Improvement in Oncology Care.* (\$5,000.00 CAD, 2014 - 2015). Funded. [Grant]
 82. **Professional Development Grant.** (Principal Investigator). *Royal College for Physicians and Surgeons of Canada.* (\$5,000.00 CAD, 2013 - 2014). Funded. [Grant]
 83. **Molecular and cellular mechanisms underlying chronic kidney disease.** (Principal Applicant). *Ontario Ministry of Research and Innovation (ON), Early Researcher Award.* (\$100,000.00 CAD, Jul 2010 - Jun 2015). Funded. [Grant]
 84. **How do cell contacts regulate the expression of their components?** (Principal Applicant). *Natural Sciences and Engineering Research Council of Canada (NSERC).* (\$130,000.00 CAD, Jun 2012 - Jun 2017). Funded. [Grant]
 85. **Remodelling of the tubular tight junctions in diabetic nephropathy: underlying cellular mechanisms and functional consequences.** (Principal Applicant). *Kidney Foundation of Canada (KFC), Biomedical Operating grant. Principal Investigator(s): Katalin Szaszi.* (CAD, Jul 2014 - Jun 2016). Funded. [Grant]

Grants- Sunnybrook Health Sciences Centre (SHSC)

1. **A population-based outcome and economic evaluation of interventions for gastric cancer.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Coburn, Natalie. Collaborators: Craig Earle, Ana Johnson, Paul Karanicolas, Alexander Kiss, Murray Krahn, Calvin Law, Alyson Mahar, Lawrence Paszat, Frances Wright, Jon Irish, Robin Mcleod, Savtaj Brar, Matthew Dixon, Mark Dobrow.* (\$288,133.00 CAD, Sep 2012 - Sep 2015). Funded. [Grant]
2. **Multicentre Evaluation of a Novel Technique of Analgesia Following Open Liver Resection: Midline Open Transversus Abdominis Plane (MOTAP) Catheters.** (Co-Investigator). *Sunnybrook Health Sciences Centre (Toronto, ON), AFP Innovation Fund. Principal Investigator(s): Karanicolas, Paul.*

Collaborators: Co-investigators: Alice Wei, Paul McHardy, Jason Sawyer, Calvin Law, Natalie Coburn, Sean Cleary, Stuart McCluskey, Alex Kiss, Ramy Behman, Jenny Lam-McCulloch. (\$98,562.00 CAD, Apr 2013 - Mar 2015). Funded. [Grant]

3. **Survival, Treatment Patterns and Identifying predictors of receipt of adjuvant therapy for curative pancreatic adenocarcinoma: a population-based analysis.** (Principal Investigator). *Cancer Research Society (The). Principal Investigator(s): Coburn, Natalie. Collaborators: Mittmann, Nicole; Earle, Craig; Barbera, Lisa. (\$120,000.00 CAD, Sep 2013 - Sep 2015). Funded. [Grant]*
4. **Pre-operative radiological staging modalities in the treatment of gastric cancer. How accurate are we?** (Principal Investigator). *AEF Grant. Principal Investigator(s): Coburn, Natalie. Collaborators: Law, Calvin. (\$9,900.00 CAD, Nov 2013 - Nov 2014). Funded. [Grant]*
5. **Optimizing Inter-professional communication between Surgical Nurses and House Staff: An Exploratory Study.** (Principal Investigator). *Principal Investigator(s): Coburn, Natalie. (\$99,986.00 CAD, Mar 2014 - May 2016). Funded. [Grant]*
6. **School of Graduate Studies Conference Grant.** (Co-Investigator). *School of Graduate Studies. (\$610.00 CAD, Mar 2014 - Sep 2014). Funded. [Grant]*
7. **Optimizing Interprofessional Communication at Sunnybrook Health Sciences Centre.** (Co-Investigator). *Division of General Surgery AEF Grant. Principal Investigator(s): Nathans, A. Collaborators: Coburn N, Smith A, Taggar R, Hendrick-Hallet J. (\$10,000.00 CAD, Sep 2014 - Sep 2015). Funded. [Grant]*
8. **Synoptic Pathology Reporting for Pancreatic Cancer: Has It Made a Difference?** (Principal Investigator). *Principal Investigator(s): Coburn, N. Collaborators: Kagedan D, Raju R, Rowsell C. (\$10,000.00 CAD, Sep 2014 - Sep 2015). Funded. [Grant]*
9. **Short-term outcomes following surgical resection for gastric cancer in elderly patients.** (Co-Investigator). *Division of General Surgery AEF Grant. Principal Investigator(s): Julie Hallet. Collaborators: Trevor Hamilton, Calvin Law, Natalie Coburn. (\$10,000.00 CAD, Jul 2014 - Jun 2015). Funded. [Grant]*
10. **Optimizing Interprofessional Communication Between Surgical Nurses and House Staff: An Exploratory Study to Develop an Educational Intervention.** (Principal Investigator). *SEAC ERU EDUCATION RESEARCH AND SCHOLARSHIP GRANT. Principal Investigator(s): Coburn, Natalie. Collaborators: Gotlib-Conn, Lesley, Nathans, Avery. (\$9,996.00 CAD, Mar 2015 - Mar 2016). Funded. [Grant]*
11. **Re-defining the Goals of Debulking Surgery for Metastatic Neuroendocrine Tumors.** (Co-Principal Investigator). *Sunnybrook Health Sciences Centre, General Surgery Academic Enrichment Fund. Principal Investigator(s): Law, Calvin. Collaborators: Elmi, Mariam; Milot, Laurent; Singh, Simron; Coburn, Natalie. (\$10,000.00 CAD, Mar 2014 - Mar 2015). Funded. [Grant]*
12. **Patterns of invasive palliative procedures performed in patients with metastatic colorectal cancer.** (Collaborator). *Physician Services Incorporated Foundation, Resident Operational Grant. Principal Investigator(s): Liang, Veronica. Collaborators: Easson, Alexandra; Ramkumar, Stephanie; Hallet, Julie; Scheer, Adena S; Zimmerman, Camilla. (\$17,500.00 CAD, Jan 2015 - Jan 2016). Funded. [Grant]*
13. **Short-term outcomes following surgical resection for gastric cancer in elderly patients.** (Principal Investigator). *Sunnybrook Health Sciences Centre General Surgery Academic Enrichment Fund. Principal Investigator(s): Hallet J. Collaborators: Hamilton, Trevor, Law, Calvin; Coburn, Natalie. (\$10,000.00 CAD, Nov 2014 - Oct 2015). Funded. [Grant]*
14. **Optimizing interprofessional communication between surgical nurses and house staff: comparative analysis and implementation of a quality improvement intervention.** (Co-Investigator). *AHSC AFP Innovation Fund. Principal Investigator(s): Coburn N. Collaborators: Gotlib-Conn L, Nathans AB, Ahmed N, Taggar R, Casper-DeSouza S, Bridge J, Hallet J, Wallace D. (\$99,986.00 CAD, Jan 2014 - Dec 2016). Funded. [Grant]*
15. **Screen-Net Ontario: The Ontario Cancer Screening Research Network.** (Co-Investigator). *Cancer Care Ontario. Principal Investigator(s): Paszat, Lawrence. Collaborators: Rakovitch E, Seth A, Hanna*

- W, Murphy J, Kupets R, Baxter N, Tinmouth J, Hsieh E, Fleshner N, Chiarelli A, Aubera Z, vanBallegooijen M, Lansdorp-Vogelaar I, Andrulis I, Knight J. (\$1,180,000.00 CAD, Jul 2011 - Jun 2016). Funded. [Grant]
16. **Evaluating the effectiveness of organized breast assessment among women screened in the Ontario Breast Screening Program.** (Co-Investigator). *Canadian Institutes of Health Research. Principal Investigator(s): Chiarelli, Anna. Collaborators: Mirea L, Muradali D, O'Malley FP, Quan ML.* (\$463,733.00 CAD, Jul 2013 - Jul 2016). Funded. [Grant]
 17. **Accelerated Diffusion of Strategic Quality Initiatives for Diagnosis and Treatment of Cancer.** (Principal Investigator). *Canadian Partnership Against Cancer. Principal Investigator(s): Holloway, Claire. Collaborators: Cancer Care Ontario, M Kaan, S Padewski, L Sarsfield, G Matheson.* (\$865,000.00 CAD, Apr 2014 - Mar 2016). Funded. [Grant]
 18. **Use of innovative knowledge translation strategies to reduce overuse of diagnostic imaging in early stage breast cancer.** (Collaborator). *Canadian Cancer Society, Knowledge to Action Grant. Principal Investigator(s): Janet Squires and Angel Arnaout. Collaborators: Clemons M, Graham I, Grimshaw J, Simos D, Doherty G, Caudrelier JM, Trudeau M, Stacey D, Dacosta R.* (\$100,000.00 CAD, Oct 2014 - Oct 2016). Funded. [Grant]
 19. **Pregabalin and Lidocaine in Breast Surgery to Alter Neuropathic Pain (PLAN): A Pilot Trial.** (Co-Investigator). *Physician Services Incorporated, Resident Grant. Principal Investigator(s): Khan, James. Collaborators: McCartney C, Clarke H, Guyatt G, Paul J, Busse J, BUckley N, Devereaux PJ, Reid S, Hodgson N, McGillion M, Lok Hong N, Holloway C, Choi S.* (\$17,069.00 CAD, Oct 2014 - Oct 2014). Funded. [Grant]
 20. **Enabling and Educating Patients Through Electronic Quality of Life (EQUAL) Measurement, Feedback, and Resource Linkage.** (Principal Investigator). *Physician's Services Incorporated (PSI).* (\$131,800.00 CAD, Sep 2012 - Aug 2014). Rejected. [Grant]
 21. **Tranexamic Acid versus Placebo to Reduce Perioperative Blood Transfusion in Patients Undergoing Major Liver Resection: A Multi-Centred Randomized Controlled Pilot Trial.** (Principal Investigator). *National Institutes of Health, Small Grants Program for Cancer Research. Principal Investigator(s): Karanickolas, Paul. Collaborators: Yulia Lin, Jordan Tarshis, Alice Wei, Stuart McCluskey, Alex Kiss, Jenny Lam-McCulloch.* (\$99,176.00 USD, Jan 2013 - Dec 2015). Rejected. [Grant]
 22. **The impact of a directed cancer information service on patient satisfaction following cancer diagnosis.** (Principal Applicant). *Canadian Cancer Society Research Institute (CCSRI), Quality of Life Grants. Principal Investigator(s): Karanickolas, Paul.* (\$281,220.00 CAD, Feb 2013 - Jan 2016). Rejected. [Grant]
 23. **Tranexamic Acid Versus Placebo to Reduce Perioperative Blood Transfusion in Patients Undergoing Major Liver Resection.** (Principal Applicant). *CIHR, CIHR New Investigator Salary Award. Principal Investigator(s): Karanickolas, Paul.* (\$300,000.00 CAD, Jul 2013 - Jun 2018). Rejected. [Grant]
 24. **Multicentre Evaluation of a Novel Technique of Analgesia Following Open Liver Resection: Midline Open Transversus Abdominis Plane (MOTAP) Catheters.** (Principal Investigator). *AHSC, AHSC AFP INNOVATION FUND. Principal Investigator(s): Karanickolas, Paul. Collaborators: Dr. Alice Wei, Dr. Paul McHardy, Mr. Jason Sawyer, Dr. Calvin Law, Dr. Natalie Coburn, Dr. Sean Cleary, Dr. Stuart McCluskey, Dr. Alex Kiss, Dr. Ramy Behman, Ms. Jenny Lam-McCulloch.* (\$98,562.25 CAD, Apr 2013 - Mar 2015). Funded. [Grant]
 25. **Multicentre Evaluation of a Novel Technique of Analgesia Following Open Liver Resection: Midline Open Transversus Abdominis Plane (MOTAP) Catheters.** (Co-Investigator). *University Health Network, UHN Alternative Funding Plan Innovation Fund. Principal Investigator(s): Clarke, Hance. Collaborators: Paul Karanickolas, ALice Wei, Stuart McCluskey, Raynauld Ko, Sean Cleary, Paul McHardy, Joel Katz, Salima Ladak, Jason Sawyer, Alex Kiss.* (\$126,949.40 CAD, Apr 2013 - Mar 2015). Funded. [Grant]

26. **A population-based outcome and economic evaluation of interventions for gastric cancer.** (Co-Investigator). *CIHR, Operating Grant. Principal Investigator(s): Coburn, Natalie.* (\$28,133.00 CAD, Oct 2012 - Sep 2015). Funded. [Grant]
27. **Quality of Life in Patients with Colorectal Liver Metastases.** (Principal Investigator). *Canadian Cancer Society Research Institute, Quality of Life Grant. Principal Investigator(s): Karanicolos, Paul. Collaborators: Edward Chow, Frances Wright, Jenny Lam-McCulloch.* (\$149,800.00 CAD, Feb 2014 - Jan 2016). Rejected. [Grant]
28. **Tranexamic Acid Versus Placebo to Reduce Perioperative Blood Transfusion in Patients Undergoing Major Liver Resection: A Pilot Randomized Controlled Trial.** (Nominated Principal Applicant). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Karanicolos, Paul. Collaborators: Prosanto Chaudhury, Gordon Guyatt, Jeffrey Barkun, Elijah Dixon, Yulia Lin, Stuart McCluskey, Geoffrey Porter, Jordan Tarshis, Alice Wei.* (\$248,319.00 CAD, Apr 2014 - Mar 2016). Funded. [Grant]
29. **Tranexamic Acid Versus Placebo to Reduce Perioperative Blood Transfusion in Patients Undergoing Major Liver Resection.** (Principal Applicant). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Karanicolos, Paul. Collaborators: Gordon Guyatt, Elijah Dixon, Yulia Lin, Stuart McCluskey, Geoffrey Porter, Jordan Tarshis, Alice Wei, George Zogopoulos.* (\$135,578.00 CAD, Apr 2013 - Mar 2015). Rejected. [Grant]
30. **Development of the HPB CONCEPT Team to Study the Impact of Tranexamic Acid in Major Liver Resection.** (Principal Applicant). *American Surgical Association (ASA).* (\$150,000.00 USD, Jul 2014 - Jun 2016). Rejected. [Research Fellowship]
31. **Bringing evidence to the bedside: implementing an evidence-based clinical pathway for patients undergoing pancreatic cancer surgery.** (Co-Investigator). *Canadian Cancer Society Research Institute, Knowledge to Action Grant. Principal Investigator(s): Wei, Alice. Collaborators: Steven Gallinger, David Urbach, Paul Karanicolos.* (\$100,000.00 CAD, Aug 2013 - Jul 2015). Funded. [Grant]
32. **Electronic Care Plan: A Personalized, Patient-Centred Approach to Colorectal Cancer Care.** (Nominated Principal Applicant). *Canadian Institutes of Health Research (CIHR), Catalyst Grant. Collaborators: Harth Tamara, Stein Barry.* (\$96,950.00 CAD, Mar 2014 - Feb 2015). Rejected. [Grant]
33. **Optimizing surgeon-patient communication following pancreatic cancer resection: a qualitative needs assessment.** (Principal Applicant). *Sunnybrook Education Advisory Council, Education Research and Scholarship Grant. Principal Investigator(s): Karanicolos, Paul. Collaborators: Frances Wright, Lesley Gottlib Conn, Tamara Harth, Kim Blakely.* (\$8,400.00 CAD, Mar 2014 - Feb 2015). Funded. [Grant]
34. **Using Gadofosveset trisodium in the diagnosis of focal liver lesions in the cancer patient: a prospective trial.** (Co-applicant). *Canadian Liver Foundation. Collaborators: Dr. Laurent Milot, Dr. Cheung.* (\$86,700.00 CAD, 2014 - 2016). Applied. [Grant]
35. **Optimizing surgeon-patient communication following pancreatic cancer resection: A qualitative needs assessment.** (Principal Applicant). *Sunnybrook AEF. Principal Investigator(s): Karanicolos, Paul.* (\$10,000.00 CAD, May 2014 - Apr 2015). Funded. [Grant]
36. **Development and Implementation of an Educational Intervention to Optimize Communication and Care of Patients with Resectable Pancreatic Cancer from Diagnosis to Treatment.** (Principal Investigator). *Pancreatic Cancer Canada. Principal Investigator(s): Karanicolos, Paul. Collaborators: Tamara Harth, Leslie Gottlib Conn, Alice Wei, Shiva Jayaraman, Natalie Coburn, Janet Ellis.* (\$91,400.00 CAD, 2014 - 2016). Applied. [Grant]
37. **Accurate and early detection of metastatic colorectal cancer with contrast-enhanced magnetic resonance imaging.** (Co-Investigator). *CHRP, CHRP. Principal Investigator(s): Cheung, Helen.* (CAD, 2014 - 2016). Rejected. [Grant]
38. **“Development, Implementation, and Evaluation of an Educational Intervention to Optimize Communication and Improve Quality of Life in Patients with Resectable Pancreatic Cancer”.**

- (Principal Applicant). *CCSRI QOL Grant 2015, CCSRI QOL Grant 2015*. (\$300,000.00 CAD, 2015 - 2017). Rejected. [Grant]
39. **Tranexamic Acid Versus Placebo to Reduce Perioperative Blood Transfusion in Patients Undergoing Major Liver Resection: A Pilot Randomized Controlled Trial.** (Principal Investigator). *PSI Foundation (Physicians' Services Incorporated Foundation)*. Principal Investigator(s): Karanicolas, Paul. (\$90,500.00 CAD, 2015 - 2017). Funded. [Grant]
 40. **Enhanced Recovery after Surgery (ERAS) program for pancreatectomy: an initiative to improve quality of surgical care across Canada.** (Co-Investigator). *PSI*. Principal Investigator(s): Wei, Alice C. Collaborators: Dr. Steve Gallinger. (\$169,865.00 CAD, 2015 - 2017). Rejected. [Grant]
 41. **Development and Implementation of an Educational Intervention to Optimize Communication and Care of Patients with Resectable Pancreatic Cancer from Diagnosis to Treatment.** (Principal Investigator). *OICR/CCO, OICR/CCO Knowledge Translation Research Network (KT-Net)*. Collaborators: Dr. Alice Wei, Dr. Shiva Jayaraman, Dr. Lesley Gotlib-Conn, Tamara Harth. (\$150,000.00 CAD, 2015 - 2016). Rejected. [Grant]
 42. **The HPB CONCEPT Team: An Integrated Program to Improve Outcomes Following Liver and Pancreas Surgery.** (Principal Applicant). *Canadian Institutes of Health Research (CIHR)*. (\$300,000.00 CAD, Jul 2014 - Jun 2019). Funded. [Grant]
 43. **Pancreatic Cancer Patient Education- Current Practices and Development of an Evidence- Based Educational Intervention.** (Principal Investigator). *Sunnybrook General Surgery Academic Enrichment Grant, AEF*. (\$10,000.00 CAD, 2015 - 2016). Funded. [Grant]
 44. **Surveillance after curative-intent resection of colorectal cancer in Ontario: are we misallocating scarce resources.** (Principal Applicant). *Colon Cancer Canada*. Principal Investigator(s): Law, Calvin. Collaborators: Muir, Jennifer. (\$50,000.00 CAD, Jan 2013 - Jan 2015). Funded. [Grant]
 45. **Multicentre Evaluation of a Novel Technique of Analgesia Following Open Liver Resection: Midline Open Transversus Abdominis Plane (MOTAP) Catheters.** SHSC AFP Innovation Fund. PI: Karanicolas, Paul. Collaborators: Alice Wei, Paul McHardy, Jason Sawyer, Calvin Law, Natalie Coburn, Sean Cleary, Stuart McCluskey, Alex Kiss, Ramy Behman, Jenny Lam-McCulloch. (Co-Investigator). *SHSC AFP Innovation Fund*. (\$98,562.00 CAD, Apr 2013 - Mar 2015). Funded. [Grant]
 46. **Potentiating antiangiogenic cancer therapy with the antivascular effects of ultrasound stimulated microbubbles.** (Co-Investigator). *Canadian Institutes of Health (CIHR)*. Principal Investigator(s): Goertz, David. Collaborators: K Hynynen, C Law, R Kerbel. (\$314,396.00 CAD, Apr 2014 - Mar 2017). Applied. [Grant]
 47. **Pre-operative radiological staging modalities in the treatment of gastric cancer. How accurate are we?** (Co-Investigator). *AEF, AEF*. Principal Investigator(s): Calvin Law. Collaborators: Natalie Coburn. (\$9,900.00 CAD, Mar 2014 - Mar 2015). Funded. [Grant]
 48. **Breast Ablation Therapy (BAT). A novel treatment paradigm for early breast cancer.** (Co-Principal Investigator). *Tiffen Foundation*. Principal Investigator(s): C McCann, N Look Hong. Collaborators: M Sherar, JP Pignol, FC Wright. (\$70,000.00 CAD, 2014 - 2014). Funded. [Grant]
 49. **Pregabalin and Lidocaine in breast surgery to Alter Neuropathic pain (PLAN): A Pilot Trial.** (Co-Investigator). *Physician's Services Incorporated*. Principal Investigator(s): Khan, James. Collaborators: C McCartney, H Clarke, G Guyatt, J Paul, J Busse, N Buckley, PJ Devereaux, S Reid, N Hodgson, M McGillion, N Look Hong, C Holloway, S Choi. (\$17,069.00 CAD, Mar 2014 - Mar 2016). Funded. [Grant]
 50. **Implementation of a Remote Thromboelastometry-guided Transfusion Algorithm to Improve Transfusion Decisions in Trauma.** (Co-Principal Investigator). *Ontario AHSC AFP Innovation Fund*. Principal Investigator(s): Rizoli, Sandro. (\$98,000.00, Sep 2012 - present). Funded. [Grant]
 51. **COMA Study – Catecholamines in Isolated Traumatic Brain Injury.** (Co-Principal Investigator). *Physicians Services Incorporated Foundation (The) (PSI)*. Principal Investigator(s): Rizoli, Sandro. (\$75,000.00 CAD, 2012 - present). Funded. [Grant]

52. **Fibrinogen in the Initial Resuscitation of Severe Trauma: a randomized feasibility trial.** (Principal Investigator). *Canadian Forces Health Services & CSL Behring Can. Principal Investigator(s): Nascimento, Barto.* (\$540,262.40 CAD, Apr 2014 - present). Funded. [Grant]
53. **HL-10-006 Toronto Regional Coordinating Center; Clinical Research Consortium to Improve Resuscitation Outcomes.** (Site Investigator). *National Institutes of Health (NIH) (USA). Principal Investigator(s): Morrison LJ. Collaborators: Dorian P, Cheskes S, Slutsky A.* (\$1,110,780.00 CAD, Jul 2010 - Jun 2015). Funded. [Grant]
54. **Trauma System Development in Canada: Overcoming the Challenges of Geography Through an Evaluation of Structure and Process.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR). Collaborators: Cusimano M, Gagliardi A, Gomez D, Haas B, Hameed M, Lawless B, Morrison L, Peters P, Pong R, Rubinfeld G, Schurmann N, Snider C, Tallon J.* (\$2,264,139.00 CAD, Jul 2010 - Jun 2015). Funded. [Grant]
55. **Developing a Patient and Family-Centred Approach for Measuring the Quality of Trauma Care.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Stelfox, Tom.* (\$628,692.00 CAD, Jul 2011 - Jul 2015). Funded. [Grant]
56. **Elderly burn patients: improving outcome and quality of life.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Jeschke, Marc.* (\$640,100.00, Apr 2013 - Mar 2018). Applied. [Grant]
57. **Bridging the gap: Implementing a complex intervention to improve communication and collaboration between surgeons and intensivists.** (Principal Investigator). *Sunnybrook Health Sciences Centre Innovation Funding, Ministry of Health and Long Term Care Innovation Funds. Principal Investigator(s): Nathens, Avery. Collaborators: Cuthbertson, Amaral, Coburn.* (\$92,126.00, Apr 2013 - Mar 2015). Funded. [Grant]
58. **Optimizing interprofessional communication between surgical nurses and housestaff: an exploratory study.** (Co-Investigator). *Sunnybrook Health Sciences Centre Innovation Funding, Ministry of Health and Long Term Care Innovation Funds. Principal Investigator(s): Coburn, N. Collaborators: Gotlib Conn, L.* (\$99,986.00, Apr 2014 - Mar 2016). Funded. [Grant]
59. **A Pilot Randomized Control Trial comparing Fibrinogen Concentrate Vs Placebo in Bleeding Trauma Patients.** (Co-Investigator). *Canadian Forces. Principal Investigator(s): Nascimento B. Collaborators: Tien H, Karanicolas P.* (\$490,000.00, Oct 2013 - Sep 2016). Funded. [Grant]
60. **When is dead "dead"? The problem of case ascertainment in assessing trauma centre performance.** (Principal Investigator). *Sunnybrook Health Sciences Centre General Surgery Associates Research Grant. Principal Investigator(s): Nathens, Avery. Collaborators: Tien H,.* (\$10,000.00, Sep 2013 - Aug 2014). Funded. [Grant]
61. **Trauma system development in Ontario: a survey of potential barriers and enablers for an inclusive system.** (Principal Investigator). *Sunnybrook Health Sciences Centre General Surgery Associates Research Grant.* (\$10,000.00, Apr 2015 - Mar 2016). Funded. [Grant]
62. **Evaluation of the impact of pre-hospital times on benchmarking of trauma centre performance.** (Principal Investigator). *CIHR, MSc Award.* (\$20,000.00, Apr 2015 - Apr 2016). Funded. [Grant]
63. **Optimizing interprofessional communication between surgical nurses and house staff: an exploratory study.** (Co-Investigator). *Sunnybrook Health Sciences Centre (Toronto, ON), Education Research and Scholarship Grant. Principal Investigator(s): Coburn N. Collaborators: Nathens AB, Conn L.* (\$10,000.00, Feb 2015 - Feb 2016). Funded. [Grant]
64. **Optimizing interprofessional communication at Sunnybrook Health Sciences Centre.** (Principal Investigator). *Sunnybrook Health Sciences Centre General Surgery Associates Research Grant. Principal Investigator(s): Nathens A. Collaborators: Gotlib L.* (\$10,000.00, Sep 2014 - Aug 2015). Funded. [Grant]
65. **How is quality improvement learned in trauma case reviews.** (Co-Investigator). *Sunnybrook Health Sciences Centre General Surgery Associates Research Grant. Principal Investigator(s): Tien H. Collaborators: Nathens A, Gotlib L.* (\$10,000.00, Sep 2014 - Aug 2015). Funded. [Grant]

66. **Enhancing Quality Improvement and Patient Safety Education in Trauma: An Ethnographic Study.** (Co-Investigator). *Sunnybrook Health Sciences Centre (Toronto, ON), Education Research and Scholarship Grant. Principal Investigator(s): Coburn L. Collaborators: Nathens AB, Fernando O.* (\$10,000.00, Feb 2015 - Feb 2016). Funded. [Grant]
67. **The METS (Measurement of Exercise Tolerance before Surgery) study: An international multicentre prospective cohort study of cardiopulmonary exercise testing for improving preoperative risk stratification for major non-cardiac surgery.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Wijeyesundera DN. Collaborators: Cuthbertson B, Beattie W, Chan V, Croal B, Granton J, Hoch J, Mamdani M, Mazer D, McCartney C, Oh P, Pearse R, Thorpe K, Wijeyesundera H.* (\$967,068.00 CAD, Jan 2012 - Jan 2016). Funded. [Grant]
68. **Evaluating quality improvement in colorectal cancer surgery in Ontario.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Simunovic M. Collaborators: Baxter N, Forbes S, Urbach D, Brouwers M, Earle C, Stukel T.* (\$619,014.00 CAD, Jan 2012 - Jan 2015). Funded. [Grant]
69. **Canadian Colorectal Cancer Consortium (C4): Clinical and Molecular Screening in Patients with Colorectal Cancer and their Family Members.** (Co-Investigator). *Terry Fox Research Institute (TFRI). Principal Investigator(s): Gallinger S, Batist G. Collaborators: Hsieh E, Pollett A, Baxter N, Gryfe R, Ferguson S, Hart T.* (\$1,263,831.00 CAD, 2012 - 2014). Funded. [Grant]
70. **Rapid Genetic Testing for BRCA1 and BRCA2 in newly diagnosed breast cancer patients.** (Collaborator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Metcalfe Kelly Ann, Narod S, Eisen Andrea. Collaborators: M Akbari, Kiss A, Chun K, Cil T, McCreedy D, McGillis Hall L, Wright FC.* (\$321,439.00 CAD, Jul 2013 - Jul 2018). Funded. [Grant]

Grants – University Health Network- Princess Margaret Hospital (PMH)

1. **Portable intraoperative fluorescence imaging for real-time margin assessment and guidance during breast cancer surgery.** (Co-Investigator). *Canada, Canadian Institution of Health Research. Principal Investigator(s): DaCosta, Ralph.* (\$456,000.00 CAD, Sep 2014 - Sep 2017). Funded. [Clinical Trial]
2. **Multimodal Optical Imaging of Breast Tumor Receptors for Diagnosis and Interventional Guidance In Vivo.** (Co-Principal Investigator). *Canadian Breast Cancer Foundation (CBCF), Operating grant. Principal Investigator(s): DaCosta, Ralph. Collaborators: B Wilson, S Foster, G Zheng, S Sidhu, WL Leong.* (\$437,000.00 CAD, Jun 2013 - Jun 2016). Funded. [Clinical Trial]
3. **Breast cancer risk assessment using optical transillumination spectroscopy.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Lothar L. Collaborators: McCreedy DR.* (\$661,302.00 CAD, Oct 2009 - Sep 2014). Funded. [Grant]
4. **Enhancing inter-professional collaborative care for cancer: Evaluation of diagnostic assessment programs.** (Collaborator). *Canadian Breast Cancer Foundation (CBCF). Principal Investigator(s): Gagliardi AR. Collaborators: Stuart-McEwan T, Gilbert J, Dobrow M, Hoch J, Wright FC, Brouwers MC, Meertens E, Kaan M, Campbell B, McCreedy DR, Waddell T, McKnight S, Lacourciere J, McFadyen C, Berry M, Kaune S, Doiron G.* (\$431,306.00 CAD, Jul 2012 - Jun 2015). Funded. [Grant]
5. **Rapid genetic testing for BRCA1 and BRCA2 in newly diagnosed breast cancer patients.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Metcalf K, Narod SA, Eisen AF. Collaborators: Akbari M, Kiss A, Wright F, Chun K, McCreedy DR, Cil T, McGillis Hall L.* (\$1,607,195.00 CAD, 2013 - 2018). Funded. [Grant]
6. **Pilot study to evaluate the feasibility of an innovative smartphone enabled health coaching intervention (iMOVE) to promote long-term maintenance of physical activity behavior in breast cancer survivors.** (Co-Investigator). *Canadian Breast Cancer Foundation (CBCF). Principal Investigator(s): Jones J, Ritvo P. Collaborators: Hernandez C, McCreedy DR.* (\$331,988.00 CAD, Jul 2014 - Feb 2017). Funded. [Grant]
7. **Development and pilot testing of an uncertainty management telephone intervention for women attending a rapid diagnostic clinic for suspicious breast abnormality.** (Co-Investigator). *RRISIQ.*

- Principal Investigator(s): Maheu C. Collaborators: McCready DR, Fawcett S, Sarvanatham S, Stuart-McEwan T, Sidani S, Lambert S, Dubois S, Howell D. (\$15,000.00 CAD, Dec 2014 - Dec 2015). Funded.*
8. **Personalized Medicine with Targeted and Genome-Wide Sequencing.** (Co-Investigator). *Cancer Care Ontario, Applied Cancer Research Unit Award. Principal Investigator(s): Neel, Benjamin. Collaborators: Lillian Siu, Nicole Onetto, Sangeet Ghai, Kieran Murphy, Masoom Haider, David Jaffray, Patricia Shaw, Sylvia Asa, Ming Tsao, Suzanne Kamel-Reid, John McPherson, Lincoln Stein, Igor Jurisica, Malcolm Moore, Amit Oza, Lillian Siu, Frances Shepherd, Natasha Leighl, Geoffrey Liu, Michael Reedijk, Eric Chen, David Hedley, Ming Tsao, Philippe Bedard, Mark Minden, Vuk Stambolic. (\$1,182,500.00 CAD, Jul 2011 - Jun 2016). Funded. [Grant]*
 9. **Establishing TRB3 as a therapeutic target in breast cancer.** (Principal Investigator). *Canadian Breast Cancer Foundation – Ontario Region. Principal Investigator(s): Reedijk, Michael. (\$389,694.00 CAD, Jul 2013 - Jun 2016). Funded. [Grant]*
 10. **The Role of Notch in Breast Cancer Microenvironment Crosstalk.** (Co-Principal Investigator). *Susan G. Komen Breast Cancer Foundation (The). Principal Investigator(s): Reedijk, Michael, Ohashi, Pamela. (\$1,000,000.00 CAD, Jul 2013 - Jun 2017). Funded. [Grant]*

Grants – University Health Network – Toronto General Hospital (TGH)

1. **Investigation of Dendritic Cell De-Differentiation in Cancer.** (Principal Applicant). *Canadian Institutes of Health Research (CIHR), Operating Grant. Principal Investigator(s): Cattral, Mark. (\$673,345.00 CAD, Oct 2013 - Sep 2018). Funded. [Grant]*
2. **Multicentre Evaluation of a Novel Technique of Analgesia Following Open Liver Resection: Midline Open Transversus Abdominis Plane (MOTAP) Catheters.** (Co-Investigator). *University Health Network, Sunnybrook Health Sciences Centre. (\$225,511.00 CAD, 2013 - 2015). Funded. [Grant]*
3. **Initiating a national quality agenda in hepato-pancreato-biliary surgery: How should we improve surgical care?** (Co-Investigator). *Canadian Institutes for Health Research. Principal Investigator(s): Wei, Alice. (\$24,617.00 CAD, Jul 2013 - Jul 2014). Funded. [Grant]*
4. **Predicting Hepatocellular Carcinoma recurrence after liver transplantation through molecular profiling and development of a circulating tumour DNA assay.** (Co-Investigator). *MOT Astellas Grant competition. Principal Investigator(s): Ghanekar, Anand. Collaborators: Sean Cleary Trevor Pugh. (\$45,000.00 CAD, Sep 2014 - Sep 2015). Funded. [Grant]*
5. **High resolution genetic analysis of genetic loci implicated in colorectal cancer.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Hudson T. Collaborators: Gallinger S, Lemire M, Peltekova V. (\$798,539.00 CAD, Jul 2010 - Jun 2015). Funded. [Grant]*
6. **Validation and fine-mapping of pancreatic cancer susceptibility Loci.** (Co-Investigator). *National Institutes of Health (NIH) (USA). Principal Investigator(s): Klein A. Collaborators: G Petersen, P Brennan, P Bracci, H Risch, S. Gallinger et al. (\$761,032.00 USD, Jul 2011 - Jun 2015). Funded. [Grant]*
7. **The Genetics of Hereditary Upper Gastrointestinal Cancers: Beyond CDH1 Germline Mutations.** (Co-Investigator). *Canadian Institutes of Health Research, Operating. Principal Investigator(s): Huntsman, D. Collaborators: Gallinger S, Schaefer D, Schrader K, Shah S, Zogopoulos G. (\$932,334.00 CAD, Jul 2012 - Jun 2017). Funded. [Grant]*
8. **Colon Cancer Family Registry Cohort (CCFRC) - Phase IV.** (Principal Applicant). *National Institutes of Health (NIH) (USA). Principal Investigator(s): Gallinger S. (\$350,000.00 CAD, Jul 2013 - Jul 2018). Funded. [Grant]*
9. **Hallmarks and Therapeutic Implications of "BRCAness" in Pancreatic Cancer.** (Principal Applicant). *Canadian Cancer Society Research Institute (CCSRI), Impact Grant. Principal Investigator(s): Gallinger, Steven. Collaborators: Zogopoulos G, Hedley D, Bristow R, Serra S, Akbari MR, Dhani N. (\$1,229,505.00 CAD, Feb 2014 - Jan 2019). Funded. [Impact Grant]*
10. **Pan-Canadian Colorectal Cancer Consortium (C4) - Phase II.** (Principal Applicant). *Terry Fox Research Institute (TFRI), Operating Grant. Principal Investigator(s): Gallinger S, Batist G.*

- Collaborators: Gryfe R, Pollett A, Baxter N.* (\$1,317,678.00 CAD, Apr 2014 - Sep 2017). Funded. [Grant]
11. **Alex U. Soyka Pancreatic Cancer Research Project.** (Principal Investigator). *Canadian Friends of the Hebrew University (CFHU), Research Grant.* Principal Investigator(s): Gallinger, Steven. Collaborators: Aqeilan R, Ben-Porath I, dor Y, Golan T, Hudson T, Karni R, Katzav-Shapira S, McPherson J, Stein L. (\$1,035,000.00 CAD, Feb 2014 - Feb 2017). Funded. [Grant]
 12. **PanCuRx Translational Research Initiative.** (Principal Applicant). *OICR - PanCuRx TRI, Team Grant.* Principal Investigator(s): Gallinger, Steven. Collaborators: Team Leaders - McPherson J, Stein L, Wouters B, Moore M Team Members – Cleary S, Haider M, Khokha R, Pugh T, Roehrl M, Haibe-Kains B, Hedley D, Kislinger T, Muthuswamy S. (\$1,059,888.00 CAD, Apr 2015 - Mar 2019). Funded. [Grant]
 13. **Identification and Characterization of Tumour-Initiating Cells in Primary Human Hepatocellular Carcinoma.** (Principal Investigator). *Cancer Research Society, 2012 CRS Operating Grant Competition.* Principal Investigator(s): Ghanekar, Anand. Collaborators: Dick, John. (\$118,580.00 CAD, Sep 2012 - Aug 2014). Funded. [Grant]
 14. **Stem Cell Models of Alagille Syndrome: Biliary Disease in a Dish.** (Co-Principal Investigator). *Alagille Syndrome Alliance, 2012 Research Grant Competition.* Principal Investigator(s): Kamath, Binita. (\$50,000.00 USD, Feb 2013 - Jan 2015). Funded. [Grant]
 15. **Phenotypic and transcriptional characterization of tumor-initiating cells in primary human hepatocellular carcinoma.** (Principal Investigator). *Cancer Research Society, 2014 Operating Grant Competition.* Principal Investigator(s): Ghanekar, Anand. Collaborators: Dick, John. (\$120,000.00 CAD, Sep 2014 - Aug 2016). Funded. [Grant]
 16. **Predicting hepatocellular carcinoma recurrence after liver transplantation through molecular profiling and development of a circulating tumor DNA assay: A pilot study.** (Principal Investigator). *UHN Multi-Organ Transplant Program, MOT/Astellas Clinica/Basic Research Competition.* Principal Investigator(s): Ghanekar, Anand. Collaborators: Cleary, Sean Pugh, Trevor. (\$45,000.00 CAD, Sep 2014 - Aug 2015). Funded. [Grant]
 17. **The relationship between physiologic and perceived stress as experienced by surgeons in the operating room.** (Supervisor of recipient). *CIHR Canadian Graduate Scholarships Master's Award.* Principal Investigator(s): Seemann, Natashaia. (\$17,500.00 CAD, Sep 2014 - Sep 2015). Funded. [Grant]
 18. **Coaching Surgeons: The Pursuit of Surgical Excellence.** (Supervisor of recipient). *The Canadian Medical Protective Association.* Principal Investigator(s): Mutabdzic, Dorotea. (\$24,400.00 CAD, Jan 2014 - Jun 2015). Funded. [Grant]
 19. **Adapting Psychological Skills to Surgery: A Response to Physician Stress and Burnout.** (Principal Investigator). *The Canadian Physician Health Institute.* Principal Investigator(s): Moulton, Carolanne. Collaborators: Sonnadara R, Cil T, Deshauer S, Mutabdzic, D. (\$36,290.00 CAD, May 2014 - May 2015). Funded. [Grant]
 20. **The Canadian National Transplant Research Program (CNTRP): Increasing Donation and Improving Transplant Outcomes.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR).* Principal Investigator(s): Lori West. (\$14,242,647.00 CAD, Mar 2013 - Apr 2018). Funded. [Grant]
 21. **Nanoparticle targeting of the liver.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR).* Principal Investigator(s): Ian D McGilvray. (\$483,813.00 CAD, Oct 2014 - Apr 2017). Funded. [Grant]
 22. **Rescue Therapy of Retrieved Organs from Deceased Donors: Liver Ex Vivo Machine Perfusion.** (Consultant). *Kingdom of Saudi Arabia Research and Innovation Program.* (\$2,000,000.00 SAR, Jul 2013 - Jun 2015). Funded. [Grant]
 23. **Evaluating quality improvement interventions in colorectal cancer surgery in Ontario.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grant.* Principal Investigator(s): Simunovic, Marko. Collaborators: Baxter N, Brouwers M, Earle C, Forbes S, Smith A, Stukel T, Urbach D. (\$619,014.00 CAD, Apr 2012 - Mar 2015). Funded. [Grant]

24. **Implementing an evidence based clinical pathway for patients undergoing pancreatic cancer surgery.** (Co-Investigator). *Canadian Cancer Society Research Institute (CCSRI), Knowledge to Action Grant. Principal Investigator(s): Wei, Alice. Collaborators: Gallinger, Steven Karanicolas, Paul.* (\$100,000.00 CAD, Aug 2013 - Jul 2015). Funded. [Grant]
25. **Safety of medical devices licensed for use in Canada: A mixed methods study to inform policy for effective post-market surveillance.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grants. Principal Investigator(s): Gagliardi, Anna; Urbach, David. Collaborators: Chaim Bell, Pascale Lehoux, Sue Ross, Ariel Ducey, Anthony Easty, Patricia Trbovich.* (\$301,055.00 CAD, Apr 2014 - Mar 2017). Funded. [Grant]
26. **The Inference From Observational Research Methods (INFORM) Project.** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grants. Principal Investigator(s): Urbach, David. Collaborators: Nancy Baxter, Chaim Bell, Anna Gagliardi, George Tomlinson.* (\$501,723.00 CAD, Oct 2014 - Sep 2018). Funded. [Grant]
27. **Telephone-based cognitive behavioural therapy for bariatric surgery patients: A randomized controlled trial.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grants. Principal Investigator(s): Sockalingam, Sanjeev. Collaborators: Stephanie Cassin, Sagar Parikh, David Urbach, Raed Hawa, Timothy Jackson, Susan Wnuk.* (\$100,000.00 CAD, Apr 2014 - Mar 2015). Funded. [Grant]
28. **Population-based assessment of sleep deprivation in staff physicians and its impact on patient care and outcomes.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Operating Grants. Principal Investigator(s): Govindarajan, Anand. Collaborators: Nancy Baxter, David Urbach, Anna Gagliardi, David Juurlink, Erin Kennedy, Brian Murray, Rinku Sutradhar.* (\$111,941.00 CAD, Oct 2013 - Sep 2015). Funded. [Grant]
29. **Bringing evidence to the bedside: Implementing an evidence based clinical pathway for patients undergoing pancreatic cancer surgery.** (Principal Investigator). *CCSRI, Knowledge Translation.* (\$100,000.00 CAD, Aug 2013 - Jul 2015). Funded. [Grant]
30. **Multicentre Evaluation of a Novel Technique of Analgesia Following Open Liver Resection: Midline Open Transversus Abdominis Plane (MOTAP) Catheters.** (Co-Investigator). *AFP Innovation Fund, MOH UHN AFP. Collaborators: Dr. Hance Clarke University Health Network; Dr. Paul Karanicolas Sunnybrook Health Sciences Centre; Dr. Stuart McCluskey University Health Network; Dr. Raynauld Ko University Health Network; Dr. Sean Cleary University Health Network; Dr. Paul McHardy Sunnybrook Health Sciences; Dr. Joel Katz University Health Network; Ms. Salima Ladak University Health Network; Jason Sawyer Sunnybrook Health Sciences Centre; Dr. Calvin Law Sunnybrook Health Sciences Centre; Dr. Alex Ki Sunnybrook Research Inst.* (\$126,949.40 CAD, Mar 2013 - Feb 2015). Funded. [Grant]
31. **Initiating a national quality agenda in hepato-pancreato-biliary surgery: How should we improve the processes of surgical care?** (Principal Investigator). *Canadian Institutes of Health Research (CIHR), Dissemination Events. Principal Investigator(s): Wei, Alice. Collaborators: Sean Cleary.* (\$24,617.00 CAD, Aug 2013 - Jul 2014). Funded. [Grant]
32. **Tranexamic Acid Versus Placebo to Reduce Perioperative Blood Transfusion in Patients Undergoing Major Liver Resection: A Pilot Randomized Controlled Trial.** (Co-Investigator). *Canadian Institutes for Health Research. Principal Investigator(s): Karanicolas, Paul.* (\$248,319.00 CAD, Apr 2014 - Mar 2016). Funded. [Clinical Trial]

Grants – University Health Network- – Toronto Western Hospital (TWH)

1. **Intestinal Microbiota in Non-Alcoholic Fatty Liver Disease Associated with Morbid Obesity.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Allard, JP. Collaborators: Comelli E, Gloor G, Jackson TD, Okrainec A, Lou W.* (\$522,169.00 CAD, Jan 2013 - Jun 2016). Funded. [Grant]
2. **Programmatic Redesign: Realigning Health Resources Using Mathematical Modeling in the UHN Bariatric Multidisciplinary Program.** (Co-Investigator). *Ontario Ministry of Health and Long-Term Care. Principal Investigator(s): Quereshy, F. Collaborators: Milner J, Jackson TD, Okrainec A.* (\$180,400.00 CAD, Jul 2013 - Jun 2015). Funded. [Grant]

3. **The Informed Informed Consent Tool.** (Co-Principal Investigator). *Ruby Linn Foundation. Principal Investigator(s): Hutter MM. Collaborators: Shahian D, Jackson TD.* (\$50,000.00 USD, Sep 2013 - Sep 2015). Funded. [Grant]
4. **Telephone-based cognitive behavioural therapy for bariatric surgery patients: A randomized controlled trial.** (Co-Investigator). *Canadian Institutes of Health Research. Principal Investigator(s): Sockalingam S. Collaborators: Cassin SE, Parikh SV, Hawa R, Jackson TD, Urbach DR, Wnuk SM.* (\$100,000.00 CAD, Mar 2014 - Feb 2015). Funded. [Grant]
5. **Exploiting the therapeutic effects of the fecal microbiome in bariatric care.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Team Grant in Bariatric Care. Principal Investigator(s): Allard JP and Gaisano HY. Collaborators: Banks K, Comelli E, Gloor G, Hota S, Jackson TD, Lou W, Okrainec A, Philpott D, Poutanen S.* (\$1,500,000.00 CAD, Oct 2014 - Sep 2019). Funded. [Grant]
6. **Development and Implementation of a Surgeon Cost Report Card: Behavioural Economics Applied to Surgical Cost Containment.** (Principal Investigator). *Ontario Ministry of Health and Long-Term Care, Academic Health Science Centre Innovation Fund. Collaborators: Quereshy FA, Okrainec A, Sockalingam S, Caesar M.* (\$132,996.00 CAD, Apr 2015 - Mar 2017). Funded. [Grant]
7. **Implementing an Enhanced Recovery after Surgery Guideline to Optimize Outcomes following Colorectal Surgery.** (Co-Investigator). *Council of Academic Hospitals of Ontario (CAHO), Adopting Research to Improve Care (ARTIC) Grant. Principal Investigator(s): McLeod, Robin. Collaborators: Okrainec A, Aarts MA, Gotlib L, McKenzie M, Saddiqui NT.* (\$1,241,361.33 CAD, Jan 2013 - Dec 2014). Funded. [Grant]
8. **Programmatic Redesign: Realigning Health Resources using Mathematical Modelling in the UHN Bariatric Multidisciplinary Program.** (Co-Investigator). *Ministry of Health of Ontario, Innovation Fund. Principal Investigator(s): Quereshy F. Collaborators: Milner J, Okrainec A, Jackson T.* (\$180,400.00 CAD, Jul 2013 - Jun 2015). Funded. [Grant]
9. **Use Of Telesimulation To Teach Ultrasound Guided Regional Anesthesia to Anesthetists in Ontario.** (Co-Investigator). *Ministry of Health of Ontario, Innovation Fund. Principal Investigator(s): Niazi, A. Collaborators: Prabhu A, Chan V, Okrainec A.* (\$80,000.00 CAD, Jul 2013 - Jan 2015). Funded. [Grant]
10. **Role of intestinal microbiota in non-alcoholic fatty liver disease pre and post bariatric surgery.** (Co-Investigator). *Government of Canada, Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Allard J. Collaborators: Comelli E, Gloor G, Jackson T, Lou W, Okrainec A.* (\$522,167.00 CAD, Jul 2014 - Jun 2015). Funded. [Grant]
11. **Exploiting the therapeutic effects of the fecal microbiome in bariatric care.** (Co-Investigator). *Government of Canada, Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Allard J. Collaborators: Gaisano,H, Banks,K, Comelli, E, Gloor, G, Hota S, Jackson, T, Okrainec, A, Lou, W., Philpot,D, Poutanen, S.* (\$1,500,000.00 CAD, Oct 2014 - Sep 2019). Funded. [Grant]
12. **Programmatic Redesign: Realigning Health Resources Using Mathematical Modeling in the UHN Bariatric Multidisciplinary Program.** (Principal Investigator). *Ontario Ministry of Health and Long-Term Care, Academic Health Science Centre Innovation Fund. Principal Investigator(s): Quereshy, FA. Collaborators: Milner J, Jackson TD, Okrainec A.* (\$180,400.00 CAD, 2013 - 2015). Funded. [Grant]
13. **Development and Implementation of a Surgeon Cost Report Card: Behavioural Economics Applied to Surgical Cost Containment.** (Co-Investigator). *Ontario Ministry of Health and Long-Term Care, Academic Health Science Centre Innovation Fund. Principal Investigator(s): Jackson, TD. Collaborators: Quereshy FA, Okrainec A, Sockalingam S, Caesar M.* (\$132,996.00 CAD, Apr 2015 - Mar 2017). Funded. [Grant]

Grants – Women’s College Hospital (WCH)

1. **Rapid Genetic Testing for BRCA1 and BRCA2 in Selected Newly Diagnosed Breast Cancer Patients.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR). Principal Investigator(s): Metcalfe, Kelly; Narod, S; Eisen, A. Collaborators: McCready, DR; Akbari, M; Chun, K; McGillis Hall, L; Wright, F; Kiss, A.* (\$1,221,467.00 CAD, Jul 2013 - Jun 2018). Funded. [Grant]
2. **The Effect of Breast Reconstruction on Long-Term Psychosocial Functioning in Women with Bilateral Prophylactic Mastectomy.** (Co-Investigator). *Canadian Cancer Society Research Institute (CCSRI), Quality of Life Research Grants. Principal Investigator(s): Metcalfe K. Collaborators: Cil T, Hofer S, Semple J, Zhong T, Narod S.* (\$300,000.00 CAD, Feb 2014 - Feb 2017). Rejected. [Grant]
3. **The Impact of Decision For or Against Immediate Breast Reconstruction on Quality of Life in Women with Breast Cancer.** (Co-Investigator). *Canadian Institutes of Health Research (CIHR), Cancer Research. Principal Investigator(s): Metcalfe K, Hofer S. Collaborators: Angus J, Cil T, McCready D, Semple J, Zhong T.* (\$453,272.00 CAD, Jul 2013 - Jul 2017). Rejected. [Grant]
4. **An Online Enhanced Education Tool for Young Women Newly Diagnosed with Breast Cancer.** (Principal Investigator). *Women's College AFP, Women's College AFP Innovation Fund. Principal Investigator(s): Cil, Tulin. Collaborators: Stephen, Joanne; Quan, May Lynn.* (\$29,985.00 CAD, May 2015 - May 2016). Funded. [Grant]
5. **Residents’ Experiences with Research During Their Post-Graduate Training: A Qualitative Study.** (Co-Investigator). *Royal College of Physicians and Surgeons of Canada, CanMeds Research and Development Grant. Principal Investigator(s): Devine, Luke.* (\$22,544.00 CAD, Aug 2014 - Aug 2016). Funded. [Grant]
6. **The Impact of Decision For or Against Immediate Breast Reconstruction on Quality of Life in Women with Breast Cancer.** (Co-Investigator). *Canadian Breast Cancer Foundation (CBCF). Principal Investigator(s): Metcalfe K, Hofer S. Collaborators: Angus J, Cil T, McCready D, Semple J, Zhong T.* (\$453,272.00 CAD, Jul 2013 - Jul 2016). Rejected. [Grant]
7. **Burnout in Oncology: Exploring the role of empathy in work related stress.** (Principal Investigator). *Canadian Physician Health Institute.* (\$22,828.00 CAD, Oct 2014 - Oct 2015). Rejected. [Grant]
8. **Adapting Psychological Skills to Surgery: A response to physician stress and burnout.** (Co-Investigator). *Canadian Physician Health Institute, Canadian Physician Health Institute Special Project Fund. Principal Investigator(s): Moulton CA. Collaborators: Deshauer S, Cil T, Sonnadara R, Mutabdzic D.* (\$36,740.00 CAD, Jul 2014 - Jul 2015). Funded. [Grant]
9. **Nipple Delay Prior to Nipple Sparing Mastectomy: A Pilot Randomized Control Trial.** (Co-Investigator). *Plastics Surgery Foundation. Principal Investigator(s): Platt, Jennica. Collaborators: Zhong, Toni; Hofer, Stefan; Cil, Tulin.* (\$10,000.00 CAD, Jul 2014 - Jul 2015). Funded. [Grant]
10. **An exploration of mental rehearsal in surgery.** (Principal Investigator). *Royal College for Physicians and Surgeons of Canada, Medical Education Research Grant. Principal Investigator(s): Cil T. Collaborators: Moulton CA, Munaghan ML, Roberts N.* (\$17,875.00 CAD, Jul 2013 - Jul 2015). Rejected. [Grant]
11. **Patient Accessed Tailored Information (PATI) for Breast Cancer.** (Principal Investigator). *Canadian Breast Cancer Foundation (CBCF). Principal Investigator(s): Cil T. Collaborators: Corrigan M, Semple J, Verma S, Eysenbach G, Catton P.* (\$385,000.00 CAD, Jul 2012 - Jun 2015). Rejected. [Grant]
12. **Interdisciplinary Education in an Interprofessional Clinical Setting: Non-medical expert CanMEDS roles in Oncology Training.** (Co-Principal Investigator). *Royal College for Physicians and Surgeons of Canada, CanMeds Research and Development Grant. Principal Investigator(s): Cil T, Elser C. Collaborators: Catton P, McCready D.* (\$20,974.00 CAD, Jul 2013 - Jul 2014). Rejected. [Grant]