



Left to right: Ms. Meredith Kirkland-Burke,  
Dr. Michelle Shouldice and Ms. Jennifer Kingston

**DIVISION HEAD**  
Dr. Jeremy Friedman

**FULL-TIME**  
Dr. Hosanna Au  
Dr. Carolyn Beck  
Dr. Stacey Bernstein

Dr. Catherine Birken  
Dr. Zia Bismilla  
Dr. Trey Coffey  
Dr. Eyal Cohen  
Dr. Emma Cory  
Dr. Astrid Guttmann  
Dr. Robert Hilliard

Dr. Sanjay Mahant  
Dr. Charlotte Moore  
Dr. Patricia Parkin  
Dr. Elena Pope  
Dr. Michelle Shouldice  
Dr. Susan Tallett  
Dr. Michael Weinstein

Dr. Randi Zlotnik Shaul

**MAJOR PART-TIME**  
Dr. Mark Feldman  
Dr. Saul Greenberg  
Dr. Moshe Ipp

Dr. Sheila Jacobson  
Dr. Michael Peer  
Dr. Adam Rapoport  
Dr. Miriam Weinstein  
Dr. Christine Newman

## Division of Paediatric Medicine

### DIVISIONAL OVERVIEW

The division (comprising General Paediatrics, SCAN and Dermatology) continues to play an integral role in the core activities of the Department of Paediatrics. Our faculty had a very successful and productive academic year in 2008-09. There are currently 16 full-time and nine major part-time physician faculty for a total of 17.5 FTE. The division held a retreat with two sessions in the summer and fall of 2008 to help develop a new strategic plan for the next five years. In May 2009, Dr. Friedman underwent a successful five-year review of his divisional leadership.

The clinical program remains extremely busy and is the largest in-patient service in the hospital. We continue to be involved in the development of the paediatric hospital movement in Canada and the U.S. with Dr. Mahant and Dr. Cohen on the executive of the CPS hospitalist section, with Dr. Mahant as President-Elect.

The divisional complex care program continues to develop under the leadership of Dr. Eyal Cohen. On the clinical side, a dedicated in-patient complex care team now operates six beds and is staffed by a hospitalist with complex care expertise and a nurse practitioner. The ambulatory arm of the complex care team has begun taking referrals through the ARMS system, although capacity remains limited at this time. The hospital has helped fund a pilot project to study a new model of care whereby a medical home for the most complex multi-system patients with high resource requirements would be developed in their community hospitals in collaboration with the SickKids program (pilot sites are Brampton and Orillia). The Norman Saunders Complex Care Initiative funded four research grants in 2008-09 and a second competition will run in the fall of 2009. Dr. Christine Newman, who has worked at the hospital for many years as a neonatologist and palliative care physician and currently has a 0.5 FTE appointment in Palliative Care and Bereavement, joined the division this year from Clinical Pharmacology.

The obesity program has been funded through the Ministry of Health and Long-Term Care and a tertiary care obesity clinic will be starting this fall with Dr. Catherine Birken in the Paediatric Medicine Consultation Clinic.

Faculty members continued to excel, advocate and gain recognition as leaders in their field. Dr. Robert Hilliard is President-Elect of the Canadian Paediatric Society, Dr. Sanjay Mahant was elected President of the Hospital Medicine section and Dr. Michelle Shouldice was elected President-Elect of the CPS section of Child and Youth Maltreatment. Dr. Jeremy Friedman is an Associate Editor of the Paediatrics and Child Health Journal. Dr. Friedman edited a new book for parents Canada's Toddler Care Book, with seven contributing authors from the division. This book is a followup to the highly successful bestselling Canada's Baby Care Book authored by divisional faculty in 2007, and was released in Canada and the U.S. in the spring of 2009. Dr. Friedman and Dr. Bismilla were co-authors of the eleventh edition of the HSC Handbook of Paediatrics, which was released in the spring of 2009. Dr. Astrid Guttmann was invited to join the Canadian Child and Youth Coalition taskforce on Health Human Resources and the Child and Youth Advisory Committee to the Provincial Council on Maternal, Child and Youth Health. Dr. Charlotte Moore continues as the Provincial Lead of Maternal, Child and Youth Health Strategy in the Office of the Assistant Deputy Minister. Our division was well represented on the expert panels convened by the MOH to support the initiatives in obesity and complex care.

Career development is very active with four faculty currently involved in postgraduate Masters level training (two in research methods and two in education). Members of the division attended leadership courses through the APA as well as through the department at the Rotman School of Business.

This has been a successful year with regard to research productivity. There were over 20 abstracts from the division at the annual PAS and CPS meetings, including many platform presentations. Funding from both internal and external agencies was secured. A new exciting initiative called TARGeT Kids, which is a collaboration between our PORT group, community paediatricians and members of the Department of Family and Community Medicine group, has been launched and is already involved in a number of studies to address gaps in knowledge about the prevalence, predictors, outcomes and effective strategies for prevention and early identification of common problems. Many manuscripts were published in top general paediatric journals (see below).

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#### PART-TIME

Dr. Tony Barozzino  
Dr. Salvatore Cammisuli  
Dr. Nhung Ho  
Dr. Perla Lansang  
Dr. Alex Levin

Dr. Michael Sgro  
Dr. Christine Webster

#### ASSOCIATE

Dr. Nirit Bernhard  
Dr. Ronik Kanani

Dr. Sanjeev Luthra  
Dr. Ivor Margols  
Dr. Yehuda Nofech-Mozes  
Dr. Daniel Roth  
Dr. Gary Sibbald

#### ADJUNCT

Dr. Peter Azzopardi  
Dr. Ranjit Baboolal  
Dr. Anna Banerji  
Dr. Carolyn Caipin  
Dr. Bert Cellupica

Dr. Patricia Colangelo  
Dr. Carlos E. Contreras  
Dr. Hilary de Veber  
Dr. Paul Dick  
Dr. Suhid (Tony) D'Souza  
Dr. Claudio Fregonas

Education is an important priority in our division, with Dr. Susan Tallett leading the new SickKids Learning Institute and Dr. Stacey Bernstein energizing the Undergraduate Education Program as Director. Under the leadership of Dr. Parkin and Dr. Shouldice, the fellowship program continues to grow in leaps and bounds with a total of 13 fellows this year. Once again the residents identified their general paediatric in-patient rotations as their most highly rated experience of the year. Many faculty members were recognized with teaching awards (see below).

Special mention to Dr. Moshe Ipp for being promoted to Full Professor. This is an outstanding achievement. His promotion to the highest level provides recognition of Dr. Ipp's tremendous contribution, particularly in the area of research over his many years on faculty. Honourable mentions also go to Dr. Pat Parkin for winning the Department of Paediatrics prestigious Harry Bain Award and to Dr. Jonathan Maguire (our chief fellow) for his numerous awards this year.

## HONOURS AND AWARDS

Au H: Royal College of Physicians and Surgeons Traineeship Grant for Masters Study in Medical Education, 2009.

Balma-Mena A, Pope E, Weinstein M: Resident/Fellow Award: Colonization with community acquired methicillin-resistant staphylococcus aureus in children with atopic dermatitis: A cross sectional study. Society for Pediatric Dermatology 35th Annual Meeting, Philadelphia, 2009.

Bernstein S: R.H.A. Haslam Preclerkship Teaching Award Department of Pediatrics Undergraduate Teaching Awards, University of Toronto, 2009.

Bernstein S: W.T. Aikins Award, University of Toronto Faculty Teaching Award (Small Group) Individual Teaching Performance, 2008.

Coffey T: Knowledge and attitudes of paediatric residents towards disclosure of adverse events. Runner-up - Families as Partners in Patient Safety Award, 2009.

Ho NTC, Pope E, Weinstein M, Greenberg S, Webster C, Stephens D, Krafchik BR: Third Place, Poster Award: A randomized prospective double-blind placebo-controlled clinical study in the treatment of paediatric vitiligo. Society for Pediatric Dermatology 35th Annual Meeting, Philadelphia, 2009.

Ipp M: Promoted to Professor, Paediatrics, University of Toronto, May 2009.

Jacobson S: Marvin Gerstein Award, 2008.

Mahant S: Royal College of Physicians and Surgeons of Canada: Clinical Traineeship Grant for MSc. 2008.

Parkin P: Harry Bain Award for Excellence in Clinical Teaching, Department of Pediatrics, University of Toronto, 2009.

Pope E, Chakkittakandiyil A: Second prize for poster presentation: Timolol 0.5% gel for infantile hemangiomas: A pilot study. Society for Pediatric Dermatology 35th Annual Meeting, Philadelphia, 2009.

Redlick F, Pope E, Weinstein M: Best Research Award: Complementary medicine in Canadian pediatric patients with atopic dermatitis: A cross sectional survey. Annual Dermatology Residents' Research Day, 2008.

Tallett S: Paediatric Academic Leadership - Clinical Educator Award, Paediatric Chairs of Canada, 2009

Weinstein M: James C. Fallis Teaching Award, Invited Speaker - Division of Paediatric Emergency Medicine, 2008.

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Dr. Gerald Friedman  
Dr. Marvin H. Gans  
Dr. Hartley A. Garfield  
Dr. Morton Goldbach  
Dr. Leslie Goodis  
Dr. Stuart Gardner  
Dr. Michelle Gordon

Dr. Masoud Grouhi  
Dr. James D. Hilton  
Dr. Tommy Ho  
Dr. Alan P. Hudak  
Dr. Anthony Y.T. Hui  
Dr. Edward G. Jin  
Dr. Beverley Kupfert

Dr. Eddy Lau  
Dr. Cinda B.S. Lee  
Dr. Maurice Levy  
Dr. Aubrey Maze  
Dr. Anilkumar Menon  
Dr. Saba Merchant  
Dr. Steven Moss

Dr. Larry B. Pancer  
Dr. John Philpott  
Dr. S. Joseph Porepa  
Dr. Vladimir Pucholt  
Dr. Percy Rajchgot  
Dr. Harkamal Randhawa  
Dr. Rahul Saxena

Dr. Clive J. Schwartz  
Dr. David H. Shawn  
Dr. Angelo Simone  
Dr. William Gary Smith  
Dr. Joseph Telch  
Dr. Guy Widrich  
Dr. Peter D. Wong

## PUBLICATIONS

Abla O, Friedman JN, Doyle J. performing bone marrow aspiration and biopsy in children: Recommended guidelines. Paediatrics & Child Health 2008; 13(6) pp 499-501.

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Aksentijevich I, Masters SL, Ferguson PJ, Pope E, Goldbach-Mansky R: An autoinflammatory disease with deficiency of the interleukin-1 receptor antagonist. New England Journal of Medicine 2009; 360: pp 2426-2437.

Amit M, Cummings C, Grueger B, Feldman M, Lang M, Grabowski J, Greig A, Wong D: Vision screening in infants, children and youth - Community Paediatrics Committee, Canadian Paediatric Society. Paediatrics & Child Health 2009; 14(4): pp 246-248.

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Birken CS, Parkin PC, To T, Macarthur C, Wilkins R: Neighbourhood socioeconomic status and homicide among children in urban Canada. Pediatrics 2009; 123: pp e815-e819.

Boodhan S, Friedman JN: Naproxen-induced anemia and hypoalbuminemia in a 16-month old child. Clinical Pediatrics 2009; 48(1): p 96.

Coffey T, Cornish P, Koonthanam T, Etchells E, Matlow A: Implementation of admission medication reconciliation at two academic health science centres: Challenges and success factors. Healthcare Quarterly 2009; 12: pp 102-109.

Coffey T: Medication reconciliation: Coming to a hospital near you. Paediatrics & Child Health 2009; 14(2): pp 76-77.

Cohen E, Austin J, Weinstein M, Matlow A, Redelmeier D: Care of children isolated for infection control: A prospective, observational cohort study. Pediatrics 2008; 122: pp 411-415.

Cohen E, Zlotnik Shaul R: Beyond the therapeutic orphan: Children and clinical trials. Pediatric Health 2008; 2(2): pp 151-159.

Conwell LS, Pope E, Artiles AM, Mohanta A, Daneman A, Daneman D: Dermatological complications of continuous subcutaneous insulin infusion (CSII) in children and adolescents. Journal of Pediatrics 2008; 152(5): pp 622-628.

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Diamond IR, Parkin PC, Wales PW, Bohn D, Kreller MA, Dykes EH, McLellan BA, Wesson DE: Paediatric blunt and penetrating trauma deaths in Ontario: A population based study. Journal of Pediatric Surgery 2009; 44: pp 981-986.

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Dr. Hiro Yamishiro  
Dr. Heather Yang  
Dr. Ethel Ying

### CROSS-APPOINTEES

Dr. Glen B. Berall  
Dr. Alan Berzen

Dr. Bonnie J. Cameron  
Dr. Douglas Campbell  
Dr. Gordon J. Donsky  
Dr. Katy Driver  
Dr. Leona Fishman  
Dr. Janine Flanagan  
Dr. John S. Freedman

Dr. Lee Ann Gallant  
Dr. Beth D. Gamulka  
Dr. Rose Geist  
Dr. Sabine R. George  
Dr. Katerina Haka-Ikse  
Dr. William B. Hanley  
Dr. Jaya Isliur

Dr. D. Anna Jarvis  
Dr. Ian C. Kitai  
Dr. Howard M. Langer  
Dr. Leo Levin  
Dr. Patricia M. Linders  
Dr. John S. Lovering  
Dr. Gilbert Miller

Dr. John D.M. Murray  
Dr. Jay D. Rosenfield  
Dr. Suzanne Schuh  
Dr. Jeffrey J. Weisbrot  
Dr. Sheldon A. Wise

Drucker A, Pope E, Mahant S, Weinstein M: Vincristine and corticosteroids as first-line treatment of Kasabach-Merritt Syndrome in Kaposiform Hemangioendothelioma. *Journal of Cutaneous Medicine and Surgery* 2009; 13: pp 155-159.

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Guttmann A, Nakhla M, Henderson M, To T, Daneman D, Cauch-Dudek K, Wang X, Hux J: Validation of a health administrative data algorithm for assessing the epidemiology of diabetes in Canadian children. *Pediatric Diabetes* 2009: June 5 [Epub ahead of print].

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Kronick JB, Hilliard RI, Ward GK: The changing role of the pediatrician in the 21st century - Guest editorial. *Paediatrics & Child Health* 2009; 14: pp 277-278.

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**HONORARY**  
Dr. Lionel B.H. Boxall  
Dr. Andrew Chlebus  
Dr. William Davidson  
Dr. Till A. Davy  
Dr. James Dorey  
Dr. Andrew D. Duic

Dr. Anthony S.R. Duke  
Dr. Thomas J. Egan  
Dr. Robert Farber  
Dr. Michelle Farine  
Dr. Hyder H. Fazal  
Dr. William Feldman  
Dr. Adelaide L. Fleming

Dr. Raphael Folman  
Dr. Dirk W. Huyer  
Dr. Martin H. Kosoy  
Dr. Michael Lester  
Dr. David C. Maresky  
Dr. Marcellina Mian  
Dr. Janette A. Milne

Dr. Paul Munk  
Dr. Jack Newman  
Dr. Raymond C.W. Ng  
Dr. Evangelia Papadouris  
Dr. Helene A. Richards  
Dr. Chandrakant P. Shah  
Dr. Donald Stewart

Dr. Peter G. Strachan  
Dr. Robert E. Sutton

**FELLOWS**  
Dr. Sara Abed  
Dr. Ahmed Alhammadi  
Dr. Alexandra Balma-Mena

Lang M, Amit M, Cummings C, Grueger B, Feldman M, Grabowski J, Greig A, Wong D: Health implications of children in child care centres - Part A: Canadian trends in child care, behaviour and developmental outcomes. Community Paediatrics Committee, Canadian Paediatric Society. Paediatrics and Child Health 2008: 13(2): pp 863-867.

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Lim D, Beck CE: Clinician's corner: Seizures as a clue to... Pediatrics & Child Health 2008: 13: p 615.

Mahant S, Peterson R, Campbell M, MacGregor D, Friedman J: Reducing inappropriate hospital use on a general pediatric inpatient unit. Pediatrics 2008: 121: pp e1068-e1073.

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Moran K, Maaten S, Guttman A, Northrup D, Kwong JC: Influenza vaccination rates in Ontario children: Implications for universal childhood vaccination policy Vaccine 2009: 27(17): pp 2350-2355.

Palmero ML, Pope E: Eruptive pyogenic granulomas developing after DRESS syndrome. Journal of the American Academy of Dermatology 2009: 60(5): pp 855-857.

Porepa M, Benson L, Manson DE, Friedman JN: True blue: A puzzling case of persistent cyanosis in a young child. Canadian Medical Association Journal 2009: 180(7): pp 734-737.

Porepa M, Huber JF, Lam C, Au H, Birken CS: Kids on Kids' Health: Creating a child health magazine with students from an urban, multicultural, low income elementary school. Paediatrics & Child Health 2009: 14: p 219.

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Seaberg RM, Allegro J, Friedman JN, Campisi P: The importance of recognizing paradoxical vocal fold dysfunction: A case report of a 13-year-old girl presenting with stridor. Pediatrics & Child Health 2008: 13(7): pp 611-614.

Shamsheer L, Roth DE, Tallett S, Hilliard R, Vohra S: A comparison of Canadian pediatric resident career plans in 1998 and 2006. Pediatrics 2008: 122(6): pp e1199-e1209.

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Dr. Elizabeth Berger  
Dr. Ajith Chakkittakandiyl  
Dr. Irene Lara Corrales  
Dr. Alexandra Hernandez  
Dr. Patricia Li  
Dr. Jonathon Maguire  
Dr. Agnes Schwieger-Briel

Dr. Navneet Sharma  
Dr. Gita Wahi  
Dr. Jeanne Zeller  
**RESEARCH ASSOCIATES**  
Laura Burr  
Vesna Jovcevska

Marina Khovratovich  
Jennifer Kundakci  
Kayi Li  
Noorulain Malik  
Magda Mekky-Walke  
Alejandra Ragone

Kathryn (Kate) Smith  
Ming Yang  
**ADMINISTRATIVE  
SUPPORT STAFF**  
Tiziana Altobelli  
Jackee Colquhoun

Jasmine Hylton  
Josie Marcantonio  
Marg Mather  
Daffodil Morrison  
Kathryn Robertson  
Christina Stevancec  
Donna Whiteley

Smith JC, Cohen E: Beta-2-transferrin to detect cerebrospinal fluid pleural effusion: A case report. *Journal of Medical Case Reports* 2009; 3: p 6495.

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Wang C, Guttman A, To T, Dick P: Socioeconomic status and health outcomes in infants: How do those with complex chronic conditions fare? *Archives of Pediatrics and Adolescent Medicine* 2009; 163(7): pp 608-615.

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Weinstein M: Non-pharmacologic management of atopic dermatitis. *Skin therapy letter. Family Practice Edition* 2009; 5: pp 4-7.

Wesson DE, Stephens D, Lam K, Parsons D, Spence L, Parkin PC: Trends in pediatric and adult bicycling deaths before and after passage of a bicycle helmet law. *Pediatrics* 2008; 122: pp 605-610.

Zlotnik Shaul R, Hing MNT: Professional obligations in the face of risks to personal health. *Royal College of Physician and Surgeon (teaching manual)* 2008: <http://rcpsc.medical.org/bioethics/cases/index.php>.

Zlotnik Shaul R, MacDonald M, Langer JC: Facilitating innovation in the clinical setting: A pathway for operationalizing accountability. *Healthcare Quarterly* 2009; 12(3): pp 60-65.

#### BOOKS AND BOOK CHAPTERS

Au H, Bernstein S, Schneider R, Weinstein M: *Paediatrics*. In: *The Toronto Notes. Toronto Notes for Medical Students*, Toronto, 2009.

Friedman JN, Beck C: Parenteral fluid therapy for infants and children. In: *Conn's Current Therapy, 60th Edition* (Rakel RE, Bope ET, eds.). W.B. Saunders Company, Elsevier Inc., Philadelphia, 2009.

Beck CE: Your older toddler (age 2 to 3 years). In: *Canada's Toddler Care Book: A Complete Guide from 1 to 5 Years Old* (Friedman JN, ed.). Robert Rose Inc., Toronto, 2009.

Bernstein S: *Pediatrics*. In: *MCCQE Review Notes, Toronto Notes for Medical Students*, Toronto, 2008.

Birken CS: Protecting your toddler. In: Canada's Toddler Care Book: A Complete Guide from 1 to 5 Years Old (Friedman JN, ed.). Robert Rose Inc., Toronto, 2009.

Birken CS: Child development. In: Canada's Toddler Care Book: A Complete Guide from 1 to 5 Years Old (Friedman JN, ed.). Robert Rose Inc., Toronto, 2009.

Cory E, Naymark S: Child Maltreatment. In: The Hospital for Sick Children Handbook of Pediatrics, Eleventh Edition (Dipchand A, Friedman J, Bismilla Z, Gupta S, Lam C, eds.). Saunders/Elsevier, Toronto, 2009.

Jacobson SJ: Toilet training. In: Canada's Toddler Care Book: A Complete Guide from 1 to 5 Years Old (Friedman JN, ed.). Robert Rose Inc., Toronto, 2009.

Zlotnik Shaul R, Langer JC, McKneally MF: Innovation in medical care: Examples from surgery. In: The Cambridge Textbook of Bioethics (Singer PA, Viens AM, eds.). Cambridge University Press, New York, 2008.

#### BOOKS EDITED

Dipchand A, Friedman JN, Bismilla Z, Gupta S, Lam C: The Hospital for Sick Children Handbook of Pediatrics, Eleventh Edition. Saunders/Elsevier, Toronto, 2009.

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#### FUNDING

A study of the epidemiology of adverse events in children hospitalized in Canada: The Canadian paediatric adverse events study. Matlow A, Baker R, Flintoft V, Cronin G, Dube R, Nijssan-Jordan C, Coffey T, Stevens P. **Canadian Patient Safety Institute/SickKids Foundation/Contributions from the participating institutions** (\$550,000 2008-2010)

Amniotic membrane grafting in patients with epidermolysis bullosa with chronic wounds. Lo V, Pope E. **CREMS Summer Student Program** (\$3,300 2008)

An office based intervention to improve media use in preschool children: A randomized controlled trial. Birken CS, Beck CE, McCrindle B, Parkin PC. **Paediatric Consultants Grant** (\$9,975 2006-2009)

An open label extension study to determine safety of etanercept in paediatric subjects with plaque psoriasis. Pope E, Weinstein M. **Amgen Canada Inc.** (\$43,000 2006-2009)

Anti-reflux procedures after gastrostomy in children with neurologic impairment: A nested case-control study. Mahant S, Cohen E, Connolly B, Jovcevska V. **Norman Saunders Complex Care Initiative Grant** (\$13,232 2008-2009)

Canadian Program of Research on Ethics in a Pandemic (CanPREP): Whose risks, whose duties and what priorities? Upshur RE, Faith K, Fisher R, Gibson B, Jadad A, Jay T, Nelson S, Ritvo P, Robertson A, Thompson A, Wilson K, Zlotnik Shaul R. **Canadian Institutes of Health Research** (\$1,500,000 2008-2011)

Career Enhancement Award. Guttman A. **Canadian Child Health Clinician Scientist Program.** (\$5,000/year 2006-2011)

Emerging team in childhood obesity research. McCrindle B, Parkin PC, Pencharz P, Hamilton J, Anderson H, Birken C, Wells G, Riddell M, Hanley A, Feldman M, Ipp M, Jacobson S, Peer M, Taylor C. **Canadian Institutes of Health Research** (\$484,099 2008-2009)

Emerging team in childhood obesity research. McCrindle B, Parkin P, Pencharz P, Hamilton J, Anderson G, Birken C, Wells G, Riddell M, Hanley A, O'Connor D, Dettmer E, Bellissimo N, Langer J, Tein I. **Canadian Institutes of Health Research** (\$2,452,522 2008-2013)

Clinical Traineeship Grant. Mahant S. **Royal College of Physicians and Surgeons of Canada** (\$3,000 2008)

Collaborative community-based complex care coordination. Cohen E, Nicholas D, Spalding K, Narayanan U, Friedman JN. **Norman Saunders Complex Care Initiative Grant** (\$47,450 2008-2010)

Colonization with community-acquired methicillin-resistant *Staphylococcus aureus* in children with atopic dermatitis: A cross-sectional study. Balma-Mena A, Lara-Corrales I, Weinstein M, Richardson E, Pope E. **Canadian Dermatology Foundation** (\$10,000 2008)

Complementary medicine in Canadian pediatric patients with atopic dermatitis: A cross sectional survey. Redlick F, Weinstein M, Pope E. **Canadian Dermatology Foundation** (\$10,000 2006-2008)

Development of ultrasound and clinical disease activity measures for pediatric localized scleroderma. Pope E, Li S, Laxer R, Doria A. **CARRA** (\$6,262 2008)

Developing quality and safety indicators for Canada's emergency department. Schull M, Guttman A. **Canadian Institutes of Health Research** (\$20,000 2008-2009)

Evaluation of Ontario's Universal Influenza Immunization Program. Kwong JC, Guttman A, Pourbohloul B, Moran MK, Sander BH, Reynolds DL, Marra F, Krahn M, Stukel TA, Smith M, Halperin J, Alan S, Roos LL, Upshur REG, Meyers LA, Garay JR, Langley JM, Patrick DM, Svenson L, Ross AG, McNeil SA, To T, Dell S, Northrup DA, Parkin P, Bowles SK, Manuel DG. **Canadian Institutes of Health Research** (\$1,091,729 2006-2009)

Evaluation of the efficacy and safety of Imiquimod 5% topical cream in plaque morphea: A prospective, multiple baselines, open label pilot study. Pope E, Laxer R, Doria A, Feldman B, Babyn P. **3M Inc./Graceway Pharmaceuticals Canada** (\$29,500 2005-2008)

Evaluation of the emergency department general internal medicine patient flow toolkit. Schull M, Guttman A. **Canadian Health Services Research Foundation/Ministry of Health and Long-Term Care** (\$500,000/\$1,133,400 2007-2011)

Examining the impact of primary care reform in Ontario on access to and quality of care. Glazier R, Guttman A. **Canadian Institutes of Health Research** (\$816,724 2008-2011)

Exploring the impact of atopic dermatitis on the social relationships of Canadian adolescents. Armstrong K, Weinstein M. **Eczema Society of Canada** (\$750 2008)

Fertility preservation in adolescent males with cancer: Assessment of current practice and knowledge among health care professionals and adolescent males. Gupta AA, Bartels U, Bouffet E, Lee-Chong A, Hendershot E, Mills D, Jarvi K, Lo K, Lorenzo A, Nathan P, Spencer L, Stuart M, Urbach S, Zlotnik-Shaul R. **Paediatric Consultants Grant** (\$10,000 2008-2010)

Genetic analysis of PHACE(S) Association. An international registry based out of the University of California, San Francisco. Frieden IJ, Pope E, Siegel D. **University of Southern California at San Francisco** (\$20,000 2006-2009)

Genetic determinants of influenza severity in children: A pre-pandemic community-based feasibility study. Tran D, Beyene J, Bitnun A, Paterson A, Richardson S, Ipp M. **Canadian Institutes of Health research** (\$99,919 2008-2009)

Healthcare system sustainability through longitudinal efficiency: Improved quality and lower costs. Stukel T, Guttmann A. **Canadian Institutes of Health Research - Emerging Team in Applied Health Services and Policy Research** (\$1,460,779 2008-2011)

Image guided GJ-tube vs. laparoscopic nissen fundoplication with gastrostomy in neurologically impaired children with gastroesophageal reflux: A study examining health related quality of life. Langer J, Mahant S, Connolly BC, Friedman JN, Wales P, Unger W, Pastor A. **Ontario Federation for Cerebral Palsy** (\$29,098 2007-2009)

Impact of oximetry on hospitalization in acute bronchiolitis. Schuh S, Freedman S, Coates A, Parkin PC, Allen U, Willan A, Ungar W, Da Silva Z. **Physicians' Services Incorporated Foundation** (\$163,000 2007-2009)

Improving the care of children with chronic and complex health needs (CCCHN): Systematic reviews of models of care and best practice. Cohen E, Mahant S, Jovcevska V. **Pediatric Consultants Grant** (\$5,686 2009-2010)

International registry for paediatric cutaneous T-cell lymphoma: A longitudinal, prospective, observation study of cutaneous T-cell lymphoma in the paediatric population. Pope E, Weinstein M, Weitzman S, Taylor G. **Canadian Dermatology Foundation** (\$10,000 2004-2009)

International registry for paediatric cutaneous T-cell lymphoma: A longitudinal, prospective, observation study of cutaneous T-cell lymphoma in the paediatric population. Pope E, Weinstein M, Weitzman S, Taylor G. **Dean's Fund New Staff Grants Program, Faculty of Medicine, University of Toronto** (\$10,000 2004-2009)

Is prolonged bottle feeding an independent risk factor for overweight in young children? Birken CS, Parkin PC, O'Connor D, Jacobson S, Peer M, Mekky M. **Dean's Fund New Staff Grants Program, Faculty of Medicine, University of Toronto** (\$9,972 2008-2013)

Isotonic versus hypotonic IV maintenance fluid in children: A randomized controlled trial. Friedman JN, Freedman S, Beck C, Geary D. **Paediatric Consultants Grant** (\$9,956 2007-2009)

Low vs high fidelity simulation in neonatal resuscitation training. Whyte H, Bismilla Z, Finan E, McNamara P. **Pediatric Consultants Education Research Grants** (\$5,000 2007-2008)

Measuring the quality of hospital care for children and youth in Canada. Guttmann A, Matlow A, Moore C, Parshuram C, Stukel T, To T. **Canadian Institutes of Health Research/ Ministry of Health and Long- Term Care** (\$375,000 2007-2010)

Modifiable risk factors for acute chest syndrome in children with sickle cell disease admitted to hospital with a painful crisis. Birken CS, Khambalia A, Dekker A, Pastor A, Lee M, Padavattan K, Parkin PC. **Paediatric Consultants Grant** (\$3,750 2007-2010)

Nadalol for proliferating infantile hemangiomas: A prospective open label study. Chakkittakandiyil A, Weinstein M, Pope E. **Paediatric Consultants Grant** (\$10,000 2009)

Nadalol for Proliferating Infantile Hemangiomas: A prospective open label study. Chakkittakandiyil A, Weinstein M, Pope E. **Physicians' Service Incorporated Foundation** (\$31,000 2009)

New Investigator Salary Support Award. Guttman A. **Canadian Institutes of Health Research** (\$50,000/year plus benefits 2006-2011)

Nutritional education and the prevention of iron depletion in children 9 months to 2 years: A randomized controlled trial. Parkin PC, Maguire J, Khambalia A, Jacobson S, Peer M. **Danone Institute** (\$61,148 2006-2009)

Pain management during childhood immunization: Knowledge synthesis, practice guidelines and dissemination strategies. Taddio A, Chambers C, Ipp M, Halperin S, Lockett D, Shah V, Prat D, Midmer D, Appleton M, Dubey V, Bortolussi B, Scott J, Rieder M, Macdonald N. **Canadian Institutes of Health Research** (\$99,000 2008-2009)

Palindromy at the NF1 locus as a risk factor for NF1-associated malignancy. Lewis S, Parkin P. **SickKids Research Institute New Ideas Grant** (\$45,023 2006-2009)

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Partnered Learning Project. Lingard L, Durrant M, Fleming-Carroll B, Lowe M, Nicholas D, Reisman J, Sinclair L, Tallett S. **HealthForceOntario** (\$413,553 2007-2009)

Patterns and predictors of health care utilization by adult survivors of childhood cancer: A Pediatric Oncology Group of Ontario and ICES population database linkage study. Nathan P, Guttman A. **Canadian Institutes of Health Research** (\$426,000 2009-2011)

Pediatric outcomes research. Parkin PC, Macarthur C. **SickKids Foundation** (\$750,000 2008-2012)

PEWS translation project: From retrospective algorithm to real-time bedside tool. Christopher SP, Hutchison J, Parkin PC, Beyene J, Dryden-Palmer K. **Heart and Stroke Foundation of Ontario** (\$74,652 2006-2008)

Physician-researchers in paediatrics: A study on dual accountability. Zlotnik Shaul R, Boydell K, Sumpson C, Canning, L-D. **Canadian Institutes of Health Research** (\$78,398 2008-2010)

Pilot study of a lifestyle program in children receiving treatment for acute lymphoblastic leukemia (ALL). Nathan P, Wright M, Collins L, Birken CS, Dettmer E. **Paediatric Oncology Group of Ontario** (\$14,000 2008-2009)

Pilot study of a lifestyle program in children receiving treatment for acute lymphoblastic leukemia (ALL). Nathan P, Wright M, Collins L, Birken CS, Dettmer E. **SickKids Research Institute** (\$46,153 2008-2010)

Presentation, management and outcomes evaluation of children with vascular tumours. (Vascular Tumor Registry). Pope E, Mahant S, Blanchette V, Weitzman S, Baruchel S, John P, Brandao L. **Paediatric Consultants Grant** (\$9,900 2006-2009)

Primary care practice characteristics and regional physician supply: Effects on access to primary and specialty care for children in Ontario: A first look. Guttman A. **Physicians' Services Incorporated Foundation** (\$123,000 2006-2009)

Regional migration patterns of children with complex chronic conditions. Cohen E, Guttman A, Yantzi N. **Norman Saunders Complex Care Initiative Grant** (\$25,603 2009-2010)

Respiratory Population-Based Outcomes Network: Studies and Evaluations (RESPONSE). To T, Guttman A. **Canadian Institutes of Health Research/Ministry of Health and Long-Term Care** (\$150,000/\$300,000 2007-2010)

Safer medications for children: Quantifying nephrotoxicity through secondary analysis of electronic data. Parshuram C, Guttman A. **Canadian Institutes of Health Research, Maternal and Child Health** (\$100,000 2009-2011)

Short and long term outcomes of complicated pediatric pneumonia. Cohen E, Weinstein M, Dell S, Mahant S, Traibuici J, Mekky M. **Dean's Fund New Staff Grants Program, Faculty of Medicine, University of Toronto** (\$10,000 2007-2010)

Sickle cell disease in children: Osteomyelitis or vaso-occlusive crises? Berger E, Saunders N, Khambalia A, Friedman JN. **Sickkids Trainee Start-up Fund** (\$3,000 2007-2008)

Systematic review of sweet solutions for acute pain relief in infants. Harrison D, Stevens B, Ohlsson A, Orrbine E, Tamada J, Beyene J, Aziz A, Palozzi L, Barwick M, Ipp M. **Canadian Institutes of Health Research** (\$99,220 2008-2009)

Teaching intubation to residents: Standard mannequin vs. high fidelity simulation. Whyte H, Bismilla Z, Finan E, Jefferies A, LeBlanc V. **Physicians' Services Incorporated Foundation** (\$17,000 2007-2008)

The efficacy of trimethoprim in wound healing of patients with epidermolysis bullosa: A randomized, double blinded, placebo controlled, cross-over pilot study. Lara-Corrales I, Weinstein M, Parkin P, Sibbald G, Pope E. **Canadian Dermatology Foundation** (\$10,000 2007-2009)

The efficacy of trimethoprim in wound healing of patients with epidermolysis bullosa: A randomized, double blinded, placebo controlled, cross-over pilot study. Pope E, Lara-Corrales I, Weinstein M, Parkin P, Sibbald G: **Dystrophic Epidermolysis Bullosa Recessive Association of Canada (dEBra Canada)** (\$10,000 2006-2008)

The usefulness of comprehensive care plans for children with special health care needs. Adams S, Cohen E, Mahant S, Friedman JN, Nicholas D: **Norman Saunders Complex Care Initiative Grant** (\$21,660 2008-2010)

Treatment choices for children with typical acute immune thrombocytopenic purpura: Development of a decision aid. Beck C, Birken CS, Blanchette V, Boydell K, Llewellyn-Thomas H, Parkin PC. **Dean's Fund New Staff Grants Program, Faculty of Medicine, University of Toronto** (\$10,000 2006-2011)

Vitamin D deficiency in urban Canadian toddlers: A study of prevalence and risk factors. Parkin PC, Maguire J, Mekky M. **Dairy Farmers of Ontario** (\$90,000 2008-2010)

What makes an excellent clinician in an academic health science centre? Mahant S, Wadhwa A. **Paediatric Consultants Grant** (\$8,300 2007-2009)