PORT Rounds at a Glance (2009)

We would like to thank the following individuals who presented their important research work in 2009:

Patricia Li, BSc, MD, FRCP C
Academic General Paediatrics Fellow, Division of Paed Med, HSC
Scientific Review: A population-based study on the effect of clinical practice guidelines in the Emergency Department on childhood asthma admissions in the province of Ontario

Paola Luca, PGY2, Paediatric Medicine, HSC
Supervisor: Maitreya Coffey, MD, FAAP, FRCP C, Division of Paed Med, HSC
Implementation and evaluation of a patient medication card within the Complex Care Service at the Hospital for Sick Children

Gita Wahi, MD, FRCP C
Academic General Paediatrics Fellow, Division of Paed Med, HSC
A randomized controlled trial of continuous versus intermittent oxygen saturation monitoring among infants hospitalized for acute bronchiolitis

Catherine Birken, MD, MSc, FRCP C
Staff Paediatrician, Division of Paed Med, HSC
Prevalence and associated risk factors of metabolic syndrome in preschoolers

Chaim Bell, MD, PhD, FRCP(C)
Assist Professor of Medicine and Health Policy, Management & Evaluation, University of Toronto, St. Michael’s Hospital
Hospitalization and continuity of care: gaps when returning to the community

Daniel Roth, MD, MSc, FRCP(C)
Associate Staff Paediatrician, Division of Paed Med, HSC
Building policy-relevant child health evidence in developing countries

Zia Bismilla, MD, FRCP C, MEd
Clinician-Teacher, Division of Paed Med, HSC
Procedural skills in pediatric residency: re-evaluating the competencies

Sanjay Mahant, MD, FRCP C
Staff Paediatrician, Division of Paed Med, HSC
Clinical excellence in the academic health science centre: what makes an excellent clinician?

Jonathon Maguire, MD, MSc, FRCP C
(Chief Fellow), Academic General Paediatrics Fellow, HSC
-RCT of an educational intervention to reduce bottle use in children 9 months to 2 years of age: A TARGGet Kids! study
-Prevalence and predictors of vitamin D deficiency in urban Canadian toddlers: A TARGGet Kids! study

Christopher S. Parshuram, MBChB, DPhil, FRACP
Critical Care Medicine, HSC
The Bedside PEWS: a documentation-based system of care: development, validation and clinical evaluation

Astrid Guttmann, MD, MSc – Staff Paediatrician, Division of Paed Med, HSC
Richard Foty, MSc – Clinical Research Project Coordinator, CHEs, HSC
Challenges in evaluating the impact of immunizing children in the context of the Universal Influenza Immunization Program in Ontario

Kayi Li, BHSc (Hons), MD (candidate)
Faculty of Medicine, University of Toronto
Supervisor: Patricia Parkin, MD, FRCP C, Division of Paed Med, HSC
TARGGet Kids! Initiative: using NutriSTEP to evaluate nutrition status in preschool-aged children in a primary care practice setting

Department of Paediatrics Research Day 2009

Congratulations to all the Fellows, Residents and Medical students whose abstracts were accepted and presented at Research Day!

Five of our Fellows presented their abstracts: Jonathon Maguire received First Place for Fellows Clinical Award, and Sara Abed, Alexandra Balma-Mena, Patricia Li, and Gita Wahi presented their posters. Several other trainees presented their abstracts under the supervision or co-supervision of divisional faculty including: Eric Benchimol, Niraj Mistry, Kayi Li, Emer Finan, Tania Principi, and John Brandsma.

Many thanks to all the faculty who have supervised/co-supervised our outstanding Fellows, Residents, and Medical students.

FELLOWS:
- Sara Abed: Proton pump inhibitors for treatment of gastroesophageal reflux in children: A systematic review. (S Mahant)
- Alexandra Balma-Mena: The multifaceted subacute cutaneous lupus erythematosus. (N Ho)
- Patricia Li: A population-based study on the effect of clinical practice guidelines in the Emergency Department on childhood asthma admissions and bouncebacks in Ontario, Canada. (T To, P Parkin, G Anderson, A Guttman)
- Jonathon Maguire: Prevalence and predictors of low vitamin D in urban Canadian toddlers: A TARGGet Kids! study. (M Mekky, S Jacobson, M Peer, P Parkin)
- Gita Wahi: Active transportation for school aged children: Rates of bicycling to school in an urban population. (C Birken, P Parkin)
- Eric Benchimol: Incidence and prevalence of childhood-onset inflammatory bowel disease in Ontario: results from the Ontario Crohn’s and Colitis Cohort. (A Guttmann, AM Griffiths, L Rabeneck, DR Mack, H Brill, J Howard, J Guan, T To)
- Emer Finan: High-fidelity simulation may not be superior to traditional low-fidelity methods for neonatal resuscitation training. (Z Bismilla, H Whyte, V LeBlanc, PJ McNamara)
- Tania Principi: What happens to oxygen saturation after discharge in outpatients with acute bronchiolitis? (A Coates, P Parkin, D Stevens, Z Da Silva, S Schuh)

RESIDENTS:
- John Brandsma: Cerebral arteriopathy in children with Neurofibromatosis type 1. (D Rea, D Armstrong, P Parkin, G deVeber, D MacGregor, WJ Logan, R Askalan)
- Niraj Mistry: Determinants of child health: Children’s access to a paediatrician. (R Foty, S Dell, D Stieb, P Parkin)

MEDICAL STUDENTS:
- Kayi Li: Measuring nutrition risk in young preschool-aged children in the primary care practice setting: A TARGGet Kids! study. (C Birken, J Maguire, M Mekky, L Burr, D O’Connor, B Chisamore, E Lau, P Parkin)


Coffey M, Tallett S, Thomson K, Matlow A: Knowledge and attitudes of pediatric residents towards disclosure of adverse events. (CPS)

Coffey M, Follet-Rowe M: Using reliability science in medication reconciliation. (IFQSH)

Cohen E, Jovcevska V, Mahant S: Hospital-based comprehensive care for children and youth with special health care needs (CYSHCN): A systematic review. (CPS, PAS)


Finan E, Bismilla Z, Whyte HE, LeBlanc VR, McNamara PJ: High-fidelity simulation (HFS) may not be superior to traditional low-fidelity (LFS) methods for neonatal resuscitation training. (CPS, PAS, NMFMRD)


Guttmann A, Schull MJ, Stukel TA, Fung K: Is leaving the ED without being seen associated with an increased risk of adverse events when compared with comparable patients who are seen in the ED and discharged home? (SAEM)

Guttmann A, Schull MJ, Stukel TA, Fung K: Follow-up care and adverse outcomes in a population-based cohort of 799, 454 Emergency Department patients who left without being seen. (SAEM)


Levin AV, McIntyre S, Ng WK, Ellis A, Shouldice M: Retinoschisis in shaken baby syndrome. (PAHT)


Mahant S, Jovcevska V, Wadhwa A: Clinical excellence in the academic health science center: What makes an excellent clinician? (CPS, PAS)

Mahant S, Jovcevska V, Cohen E: Conflict in decision making around gastrostomy tube insertion in children with neurologic disabilities: A systematic review of qualitative studies. (CPS)

Mahant S, Abed S: Proton pump inhibitors for gastroesophageal reflux in children: A systematic review. (CPS)

Mistry N, Foyt R, Dell S, Stieb D, Parkin P: Determinants of child health: Children’s access to a paediatrician. (CPS)


Sgro M, Campbell D, Jacob A, Shah V, Fallah S: Surveillance of Kernicterus in Canada. (CPS)


Sharma N, Shouldice M, Mekky M, Parkin P: Prevalence of microcytic anemia in children 12-38 months of age assessed by Suspected Child Abuse and Neglect team at The Hospital for Sick Children. (APSAC)


Thull-Freedman JD, Tellez I, Hernandez A, Mukherjee SK: The decision to use a pediatric Emergency Department by families with limited English proficiency: A qualitative study. (PAS)

Wahi G, Birken C, Parkin P: Active transportation for school aged children: Rates of bicycling to school in an urban population. (CPS, PAS)

Yu A, Stephens D, Feldman BM, Parkin PC, Kahr WHA, Brandão LR, Shouldice M, Levin AV: The role of prothrombotic factors in the ocular manifestations of abusive and non-abusive head trauma: A feasibility study. (PAHT)


Porepa M, Benson L, Manson DE, Friedman JN: True Blue: A puzzling case of persistent cyanosis in a young child. CMAJ 2009;180(7):734-737. Persistent Cyanosis


Grants Awarded

A population-based study on the association of emergency department clinical practice guidelines on childhood asthma admissions and re-visits in Ontario, Canada. Li P, Guttmann A, To T, Anderson G, Parkin P: American Pediatric Association/Agency for Healthcare Research and Quality (APA/AHRQ) Young Investigator Award. 2008-2009 ($10,000)

Grant Competition

Norman Saunders Complex Care Initiative Research Grant

Established in memory of the late Dr. Norman Saunders to recognize his contributions to the care of children and their families in his primary care paediatric office as well as at The Hospital for Sick Children (SickKids) throughout his distinguished career. more information  Deadline: July 1, 2009

More News....

Dr. Alexandra Balma-Mena, Paediatric Dermatology Fellow is the recipient of the 2009 Research Fellow Award of the Society for Pediatric Dermatology. The award for best research paper was in recognition of her work on MRSA in patients with atopic dermatitis.

Dr. Jonathon Maguire, (Chief Fellow), Academic General Paediatrics Fellow received the Claire Bombardier Award for Best MSc Student – Clinical Epidemiology & Health Care Research from Department of Health Policy, Management and Evaluation.

Dr. Irene Lara-Corrales, Paediatric Dermatology Fellow received her MSc from the Institute of Medical Science in June.

Amina Khambalia, former Epidemiologist / PORT Research Coordinator, was successful on the defense of her final oral exam of her PhD Dissertation “The impact of periconceptional iron and folate supplementation on iron and folate status among females in rural Bangladesh”

Congratulations to the following Fellows who have successfully completed their Fellowship training:

Sara Abed  Jonathon Maguire
Ajith Chakkittakandiyil  Agnes Schwieger-Briel
Irene Lara-Corrales  Navneet Sharma
Alexandra Hernandez

Research Activities Newsletter

Please submit items for next issue to: donna.whitely@sickkids.ca