

April 9<sup>th</sup> 2015

## **CURRICULUM VITAE**

**SERGE GOUIN**

April 9<sup>th</sup> 2015

**IDENTIFICATION ET RENSEIGNEMENTS PERSONNELS / PERSONAL DATA**

Nom, Prénom	Gouin, Serge
Spécialité	Pédiatrie (médecine d'urgence pédiatrique)
Lieu principal d'exercice	CHU Sainte-Justine Section de l'Urgence Département de Pédiatrie 3175 Côte-Sainte-Catherine Montréal, Québec, Canada H3T 1C5 Tel: (514) 345 4931 ext 3498 Fax: (514) 345 2358 Email: sergegouin8@gmail.com
Date du début d'exercice	Janvier 2000

## **FORMATION/ ÉDUCATION**

1985-1990	McGill University, Montreal, Quebec, Canada Faculty of Medicine Medical School
1990-1991	Dalhousie University, Halifax, Nova Scotia, Canada Department of Pediatrics IWK Children's Hospital Straight Internship in Pediatrics
1991-1994	Dalhousie University, Halifax, Nova Scotia, Canada Department of Pediatrics IWK Children's Hospital Residency in Pediatrics
1995	University of Toronto, Toronto, Ontario, Canada School of Graduate Studies, Community Health Course: Introduction to clinical epidemiology
1994-1996	University of Toronto, Toronto, Ontario, Canada Division of Emergency Medicine The Hospital for Sick Children Fellowship in Pediatric Emergency Medicine

## QUALIFICATIONS / DIPLÔMES

1990	<u>Doctor of Medicine</u> McGill University
1992	Licence en Médecine du Collège Canadien (LMCC)
1993	Instructor in Pediatric Advanced Life Support Heart and Stroke Foundation of Canada
1994	<u>Fellow in Pediatrics</u> Royal College of Physicians and Surgeons of Canada Collège des Médecins du Québec American Board of Pediatrics
1994	Advanced Trauma Life Support Course American College of Surgeons, Committee on Trauma Recertification
1995	<u>License to practice medicine</u> College of Physicians and Surgeons of Ontario (non renewed since 1998) Collège des Médecins de Québec
1996	Advanced Cardiac Life Support Provider Heart and Stoke Foundation of Canada Recertification
1996	Pediatric Advanced Life Support American Academy of Pediatrics and American Heart Association Recertification
1996	Advanced Pediatric Life Support American Academy of Pediatrics and American College of Emergency Physicians
1996	<u>Fellow in Pediatric Emergency Medicine</u> (Board certified) American Board of Pediatrics and American College of Emergency Physicians
2002	<u>Fellow in Pediatric Emergency Medicine</u> (Board certified) Recertification by the American Board of Pediatrics and American College of Emergency Physicians

2002	Advanced Trauma Life Support Course American College of Surgeons, Committee on Trauma Recertification
2007	The Essentials of Emergency Department Ultrasound course Société Canadienne d'Échographie au Département d'Urgence
2011	Founder's Designation in Pediatric Emergency Medicine Royal College of Physicians and Surgeons of Canada
2014	Certificat de praticien indépendant (limité : Cœur et Abdomen) Société canadienne d'échographie au département d'urgence (SCÉDU)

**CONTINUING MEDICAL EDUCATION / MAINTIEN DE LA COMPÉTENCE**

1990-2003 Assistance annuelle au congrès de American Academy of Pediatrics, section of Pediatric Emergency Medicine

1991 to present Assistance annuelle au congrès de Canadian Pediatric Society

1995 to present Assistance annuelle au congrès de Ambulatory Pediatric Association, section of Emergency Medicine

1998 Congrès annuel de l'Association des Pédiatres du Québec  
2 CME courses given in the fall by l'Association des Pédiatres du Québec

1999 Certificate of achievement, PBSC Computer training Centres' Training program: Introduction to Notes R4.6

2000 to present Assistance annuelle au congrès de Society Academic Emergency Medicine

2000-2008 Assistance annuelle au congrès de Canadian Association of Emergency Physicians

2001-2002 Assistance annuelle au congrès de l'Association des Médecins d'Urgence du Québec

2000 Pediatric Emergency Research of Canada, New Frontiers Program Workshop, Calgary, Alberta, Nov 2001

2002 to present Assistance annuelle au congrès de Pediatric Emergency Research of Canada

2005 International Interdisciplinary Conference on Emergencies, Montreal, Quebec, June 2005

2007 5<sup>e</sup> Colloque du Réseau mère-enfant de la Francophonie, Montreal, Quebec, May 2007

2008 Premier Symposium Annuel en Urgences Oto-Rhino-Laryngologiques & Ophthalmologiques, Montreal, Quebec, October 2008

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2009 6th Annual Pediatric Emergency Medicine Conference, The Hospital for Sick Children, University of Toronto, Toronto, Ontario, October 2009

2010 Journée thématique en médecine d'urgence : Pédiatrie, Association des médecins d'urgence du Québec, Quebec city, Quebec, February 2010

2011 Formation : Module 1 du programme de formation en ligne du ministère de la Santé et des Services Sociaux, Unité de l'éthique, Gouvernement du Québec, Canada

2011 Formation : Module 3 du programme de formation en ligne du ministère de la Santé et des Services Sociaux, Unité de l'éthique, Gouvernement du Québec, Canada

2014 Emirates Society of Emergency Medicine 2014, Scientific Conference, Dubai, United Arab Emirates, December 2014

**PRIZES / PRIX OBTENUS PENDANT LA FORMATION**

1985	McGill University, Quebec, Canada "J.W. Connell Entrance Award"
1985-1989	Consolidated-Bathurst Inc. / CB Pak Inc. Achievement program
1985-1986	McGill University, Quebec, Canada Faculty Scholar (Sciences)

## APPOINTMENTS / CARRIÈRE ACADEMIQUE

1996-1999	McGill University The Montreal Children's Hospital Department of Pediatrics Division of Emergency Medicine Assistant professor Quebec, Canada
2000-2009	University of Montreal CHU Sainte-Justine Department of Pediatrics Section of Emergency Medicine Assistant professor / Professeur adjoint de clinique Quebec, Canada
2001-2002	University of Montreal CHU Sainte-Justine Fellowship Director: Pediatric Emergency Medicine
2003 to present	Membre actif, Assemblée des chercheurs du Centre de Recherche de l'Hôpital Sainte-Justine
2004-2010	Research Director Section of Emergency Medicine Department of Pediatrics CHU Sainte-Justine
2009 to present	University of Montreal CHU Sainte-Justine Department of Pediatrics Section of Emergency Medicine Associate professor / Professeur agrégé de clinique Quebec, Canada

## **TEACHING / ENSEIGNEMENT**

- Participation in teaching sessions for medical students and pediatric housestaff.

1994-1996      **The Hospital for Sick Children**, University of Toronto  
Division of Emergency Medicine

- Participation in problem-based teaching sessions for medical students and pediatric housestaff.
- Instructor in pediatric residents' PALS course.
- Instructor for nursing resuscitation workshop.
- Instructor in Pediatric Advanced Resuscitation Course.

## Teaching outside hospital

- Participation as an Instructor in the PALS course, Sept-Îles, Québec, September 1997.

## Teaching in hospital / Charge d'enseignement annuelle

- Participation as an Instructor in the PALS course, Montreal Children's Hospital, November 1996, March 1997, September 1997, and November 1998.
- Presentation and participation in the Medical Emergency Department Rounds (weekly).
- Teaching and participation in the Fellows' sessions, Pediatric Emergency Medicine (weekly).
- Teaching in the Clinical Clerks' sessions, Pediatrics; CPR lecture (every 2<sup>nd</sup> month)

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- Teaching in Mock Code 99 to trainees during rotation in the Emergency Department (monthly).
- Teaching in Senior Resident teaching Sessions during rotation in the Emergency Department (monthly).

Trainees Supervised / Direction d'étudiant aux études supérieures

- Angeline Law, second year medical student, summer research project, 1997.  
Project: Short-term outcome of pediatric patients with abdominal pain/constipation presenting to an Emergency department
- Tim Lynch, MD, FRCPC, Clinical Fellow in pediatric emergency medicine, 1997-1999.  
Project: The additive value of the lateral chest radiograph in the management of patients with suspected pneumonia.
- Helen Karounis, MD, FRCPC, Clinical Fellow in pediatric emergency medicine, 1998-1999.  
Project: The cosmetic outcome of traumatic pediatric laceration repaired with absorbable sutures versus non-absorbable sutures.

2000- to present **CHU Sainte-Justine**, Montreal University  
Department of Pediatrics

## Teaching in hospital / Charge d'enseignement

- Participation as an Instructor in the PALS course, CHU Sainte-Justine, November 2000, April 2001, November 2001, April 2003, September 2005, January 2006.
- Réunion du mouvement en épidémiologie et en recherche clinique (MERC), CHU Sainte-Justine, Département de Pédiatrie, October 2002: Présentation: Approche pour les penumonies: facteurs de prédiction et diagnostique radiologique.
- Presentation and participation in the Medical Emergency Department Rounds (weekly).

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- Teaching and participation in the Fellows' sessions, Pediatric Emergency Medicine (weekly).
- Teaching in Mock Code 99/CPR to trainees during rotation in the Emergency Department (monthly).

Trainees Supervised / Direction d'étudiant aux études supérieures

- Jocelyn Gravel, MD, Chief Resident and Clinical Fellow in pediatric emergency medicine, 2000.

Project: The validation of PRISA and PEAT scores in a pediatric Emergency Department.

- Thanh-Van Trieu, MD, Clinical Fellow in pediatric emergency medicine 2002.

Project: Evaluation of the PACS technology in a pediatric Emergency Department

- Thuy-Tien Vo, MD, Clinical Fellow in pediatric emergency medicine, 2004.

Project: A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting due to acute gastroenteritis

- Claudia Chevalier, second year medical student, summer research project, " Placement carrière été 2005", Développement des ressources humaines Canada, Centre de Recherche de l'Hôpital Sainte-Justine.

Project: A prospective study of children admitted for cellulitis

- Isabelle Robidas, MD, Clinical Fellow in pediatric emergency medicine, 2005.

Project: Comparaison de différents scores cliniques d'asthme chez les enfants d'âge préscolaire

- Idrissa Demba Ba, MD, Clinical Fellow in pediatric respiratory medicine, 2009.

Project: Développement d'un outil éducatif pour enseignement aux étudiants pré- et post-gradués et au personnel de l'urgence, le 'Pediatric Respiratory Assessment Measure' (PRAM)

- Rislaine Benkelfat, BSc, MD, Resident in pediatrics, 2010

Project: Evaluation of the management of anaphylaxis in a pediatric emergency department: A before and after study

- Marie-Pier Desjardins, MD, Clinical Fellow in pediatric emergency medicine, 2010

Project: A randomized double-blind trial comparing the effect on pain of an oral dextrose solution versus placebo in children 1 to 3 months of age needing venipuncture

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- Laurence Alix-Séguin, MD, Clinical Fellow in pediatric emergency medicine, 2011

Project: A randomized double-blind trial comparing the effect on pain of an oral dextrose solution versus placebo in children 1 to 3 months of age needing nasopharyngeal aspiration

- Valérie Turgeon, second year medical student, summer research project, "Placement carrière été 2012", Développement des ressources humaines Canada, Centre de Recherche de l'Hôpital Sainte-Justine.

Project: Prospective studies on the impact of sucrose in the Emergency Department

- Jane Abou Diab, second year pediatric resident, CHU Ste-Justine

Project: Review of presentation of patients with intracranial tumors

#### Teaching module /Module d'enseignement

Participation in the creation of a teaching video and web based program (self learning) of a teaching module with Dr. Francine Ducharme & Dr. Martha McKinney on the evaluation of respiratory distress

Projet: L'apprentissage du score PRAM ( Pediatric Respiratory Assessment Measure)/ Formation PRAM (brevet d'invention en cours)

## RESEARCH ACTIVITIES / RECHERCHE

### RESEARCH GRANTS / PROJETS DE RECHERCHE SUBVENTIONNÉS PAR DES ORGANISMES DOTÉS DE COMITÉS DE PAIR

The additive value of a lateral chest radiograph in the management of children with suspected pneumonia.

The McGill University-Montreal Children's Hospital Research Institute, clinical research grant (\$4,469), May 1998. Supervisor

Does emergency department management matter? Predictive factors for short-term improvement in children with constipation.

The McGill University-Montreal Children's Hospital Research Institute, clinical research grant (\$1,111), May 1998. Co-principal investigator

Randomized, placebo-controlled trial of oral salbutamol in outpatient infants with acute viral bronchiolitis

The McGill University-Montreal Children's Hospital Research Institute, clinical research grant (\$2,500), November 1998. Co-principal author.

Canadian Association of Emergency Physicians, research grant (\$3,700), July 1999. Co-principal investigator

A randomized, controlled trial comparing the use of absorbable plain gut and non-absorbable nylon sutures in the management of traumatic pediatric lacerations.

The McGill University-Montreal Children's Hospital Research Institute, clinical research grant (\$5,233), November 1998. Supervisor

Canadian Association of Emergency Physicians, research grant (\$4,300), July 1999. Supervisor

The validation of the PRISA score in a pediatric Emergency Department.

Université de Montréal, Hôpital Sainte-Justine, comité d'évaluation des nouvelles technologies (\$5,030), March 2001. Supervisor

Comparison of pediatric triage assessment between registered nurses and emergency physicians.

Fonds de la Direction des Services Professionnels, Hôpital Sainte-Justine, Le centre hospitalier universitaire mère-enfant, Université de Montréal (\$1,937.50), May 2001. Co-principal investigator

Evaluation of the reliability of the Canadian pediatric triage assessment acuity scale.

Fonds du comité d'évaluation des nouvelles technologies, Hôpital Sainte-Justine, Le centre hospitalier universitaire mère-enfant, Université de Montréal (\$2,538), March 2002. Co-principal investigator

The effect of Picture Archiving and Communications Systems (PACS) on the diagnostic performance of pediatric emergency physicians.

Fonds du comité d'évaluation des nouvelles technologies, Hôpital Sainte-Justine, Le centre hospitalier universitaire mère-enfant, Université de Montréal (\$5,000), June 2003. Principal investigator

A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting due to acute gastroenteritis.

Bourse de recherche, Association des médecins d'urgence du Québec, (\$3,000.00), June 2005. Supervisor.

A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting due to acute gastroenteritis.

Bourse de recherche, Placement carrière été 2005, Département des ressources humaines Canada et Centre de Recherche de l'Hôpital Sainte-Justine (\$1,640.00), June 2005. Supervisor.

Prospective evaluation of three decision rules in the management of pediatric ankle trauma

Bourse de recherche, Programme de subvention à la recherche clinique, Centre de Recherche de l'Hôpital Sainte-Justine (\$12,500.00), June 2005. Co-investigator.

A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting due to acute gastroenteritis.

Bourse de recherche, Programme de subvention à la recherche clinique, Centre de Recherche de l'Hôpital Sainte-Justine (\$14,000.00), June 2005. Supervisor.

Prospective evaluation of three decision rules in the management of pediatric ankle trauma

Bourse de recherche, SCHIRPT Program (Canadian database) (\$1,400.00), July 2005. Co-investigator.

Comparaison de différents scores cliniques d'asthme chez les enfants d'âge préscolaire

Bourse de recherche, Comité de Direction de l'Axe Health Outcome, Centre de Recherche, CHU Sainte-Justine, (\$5, 260.00), March 2006. Supervisor.

Comparaison de différents scores cliniques d'asthme chez les enfants d'âge préscolaire

Research grant, CAEP Research Committee, Canadian Association of Emergency Physicians Grant Competition 2006, (\$4,760), March 2006. Supervisor.

Comparaison de différents scores cliniques d'asthme chez les enfants d'âge préscolaire

Research grant, Programme de bourses de recherche 2006, Association des Médecins d'Urgence du Québec , (\$3,000), June 2006. Supervisor.

Identification des facteurs de risque de re-consulter après avoir libéré de l'urgence, lors d'un même épisode de bronchiolite

Subvention de fonctionnement, Instituts de Recherche en Santé du Canada (IRSC), (\$70, 740), August 2007. Co-investigator.

Inter-rater reliability for nurses using a computerized version of the Pediatric Triage and Acuity Scale in a clinical setting

Fonds d'opération pour les projets de recherche clinique et d'évaluation des technologies et des modes d'intervention 2006-2007, Direction des Services Professionnels et de la Direction de la recherche, CHU Sainte-Justine, (\$19, 760), February 2007. Co-investigator.

The efficacy and safety of an opioid with an NSAID for children presenting in the Emergency Department with a limb injury

Fonds d'opération pour les projets de recherche clinique et d'évaluation des technologies et des modes d'intervention 2007-2008, Direction des Services Professionnels et Direction de la recherche, CHU Sainte-Justine, (\$19, 245), March 2008. Co-investigator.

The Canadian Triage and Acuity Scale for Children; A prospective multi-center evaluation

SickKids Foundation and the Institute of Human Development, Child and Youth Health – CIHR, (\$128,500), September 2008. Co-investigator.

Développement d'un outil éducatif pour l'enseignement du PRAM, un score de sévérité clinique de l'asthme pour les professionnels de la santé et les étudiants CPASS, fonds facultaire de soutien à la recherche en éducation des sciences de la santé, Université de Montréal, (\$5,000), August 2009. Co-investigator.

Le caractère malodorant de l'urine comme élément prédictif d'une infection urinaire chez l'enfant de 1 à 36 mois

Fonds d'opération pour les projets de recherche clinique appliquée et d'évaluation des technologies et des modes d'intervention en santé, concours 2009-2010, Direction des Services Professionnels et Direction de la recherche, CHU Sainte-Justine, (\$19,250), March 2010. Co-investigator.

Prévalence et facteurs déterminants d'une évolution défavorable pour les enfants ayant quitté l'urgence avant prise en charge médicale

Fonds d'opération pour les projets de recherche clinique appliquée et d'évaluation des technologies et des modes d'intervention en santé, concours 2009-2010, Direction des Services Professionnels et Direction de la recherche, CHU Sainte-Justine, (\$19,900), March 2010. Co-investigator.

A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old needing venipuncture

Research grant, CAEP Research Committee, Canadian Association of Emergency Physicians Grant Competition 2011, (\$4,995), April 2011. Co-investigator and Supervisor.

Dérivation d'une règle de décision clinique pour la radiographie du crâne chez les jeunes enfants victimes d'un traumatisme crânien

Research grant, Fonds de la recherche en santé Québec, Consortium pour le développement de la recherche en traumatologie, Competition 2010-2011, (\$150,000), April 2011. Co-investigator.

A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old needing venipuncture

Programme Annuel de Bourses de Recherche, Association des médecins d'urgence du Québec, (\$3,000), Sept 2011. Co-investigator and Supervisor.

A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months olds needing nasopharyngeal aspiration

Research grant, CAEP Research Committee, Canadian Association of Emergency Physicians Grant Competition 2012, (\$5,000), April 2012. Co-investigator and Supervisor.

Management of acute gastroenteritis: Synthesizing evidence to inform North America practice

CIHR Knowledge Synthesis Grant, (\$100,000), April 2012. Co-investigator.

Translating Research Knowledge for Kids (TREKK)

National Centres of Excellence (NCOE), (\$1,599,584), April 2012. Collaborator.

A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months olds needing nasopharyngeal aspiration or venipuncture

Bourse de recherche, Placement carrière été 2012, Département des ressources humaines Canada et Centre de Recherche de l'Hôpital Sainte-Justine (\$1,400), June 2012. Supervisor.

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Impact of Emergency Department Probiotic Treatment of Pediatric Gastroenteritis : Randomized Controlled Trial

Operating grant, CIHR, (\$2,231,298), April 2013. Co-investigator.

A randomized clinical trial of Oral analgesics Utilization for Childhood musculoskeletal injuris (The OUCH Trial)

Operating grant, CIHR, (\$584,860), April 2013. Co-investigator.

How safe are our pediatric emergency departments ? A national prospective cohort study

Operating grant, CIHR, (\$1 129,364), April 2014. Co-investigator.

RESEARCH GRANTS / PROJETS DE RECHERCHE SUBVENTIONNÉS PAR DES ORGANISMES SANS DE COMITÉS DE PAIR

Le caractère malodorant de l'urine comme élément prédictif d'une infection urinaire chez l'enfant de 1 à 36 mois

Division de Pédiatrie Générale, Département de Pédiatrie, CHU Sainte-Justine, Université de Montréal, (\$6,250), July 2009. Co-investigator.

Développement d'un outil éducatif pour l'enseignement du PRAM, un score de sévérité clinique de l'asthme pour les professionnels de la santé et les étudiants

Département de Pédiatrie, CHU Sainte-Justine, Université de Montréal, (\$5,000), August 2009. Co-investigator.

PUBLICATIONS:

PEER-REVIEWED PAPERS / PUBLICATIONS DE RECHERCHE DANS DES REVUES DOTÉES DE COMITÉS DE PAIR

**Gouin S.**, Patel H., Unusual Cause of Seizure, *Pediatr Emerg Care*, Aug 1996;12:4:298-300.

**Gouin S.**, Macarthur C., Parkin P., Schuh S., Effect of a Pediatric Observation Unit on the Rate of Hospitalization for Asthma, *Ann Emerg Med*, Feb 1997;29:2:218-222.

**Gouin S.**, Patel H., Utilization analysis of an observation unit for children with asthma, *Pediatr Emerg Care*, April 1999.

Patel H., Law A., **Gouin S.**, Predictive factors for short-term symptom persistence in children after emergency department evaluation for constipation, *Arch Pediatr Adolesc Med*, Dec 2000;154:12:1204-8.

**Gouin S.**, Patel H., Office Management of the Minor Wound, *Can Fam Physician*, April 2001;47:769-74

Bergeron S., **Gouin S.**, Bailey B., Patel H., Comparison of triage assessment among pediatric registered nurses and pediatric emergency physicians, *Acad Emerg Med*, Dec 2002;9:12:29-33.

**Gouin S.**, Ali S., A patient with chaotic atrial tachycardia, *Pediatr Emerg Care*, April 2003;19:2:95-8.

Gravel J., **Gouin S.**, Amre D., Bergeron S., Lacroix J., Evaluation of the Pediatric Risk of Admission Score in a pediatric emergency department, *Ann Emerg Med*, May 2003;41:5:630-8.

Patel H., **Gouin S.**, Platt RW., Randomized, double-blind, placebo-controlled trial of oral albuterol in infants with mild-to-moderate acute viral bronchiolitis, *J Peds*, May 2003;142:5:509-14.

**Gouin S.**, L'approche thérapeutique de l'état de mal convulsif chez l'enfant, *MedActuel FMC*, Sept 2003;3:8:40-5.

Lynch T., **Gouin S.**, Larson C., Patenaude Y., Should the lateral chest radiograph be routine in the diagnosis of pneumonia in children? A review of the literature, *Paediatrics & Child Health*, November 2003;8:9:566-8.

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Lynch T., Platt R., **Gouin S.**, Larson C., Patenaude Y., Can we predict which children with clinically suspected pneumonia will have the presence of focal infiltrates on chest radiographs ?, Pediatrics, March 2004;113:3:e186-e189.

Lynch T., **Gouin S.**, Larson C., Patenaude Y., Does the lateral chest radiograph help pediatric emergency physicians diagnose pneumonia ? A randomized clinical trial, Acad Emerg Med, June 2004;11:6:625-9.

Karounis H., **Gouin S.**, Eisman H., Chalut D., Pelletier H., Williams B., A randomized , controlled trial comparing long-term cosmetic outcomes of traumatic pediatric lacerations repaired with absorbable plain gut versus nonabsorbable nylon sutures, Acad Emerg Med, July 2004;11:7:730-5.

**Gouin S.**, Patel H., La surdité chez l'enfant: soyez à l'écoute, Le clinicien, August 2004;19:8:71-5.

Bergeron S., **Gouin S.**, Bailey B., Amre DK., Patel H., Agreement among pediatric health care professionals with the pediatric canadian triage and acuity scale guidelines, Pediatr Emerg Care, Aug 2004;20:8:514-8.

**Gouin S.**, Gravel J., Amre DK., Bergeron S., Evaluation of the Paediatric Canadian Triage and Acuity Scale in a pediatric ED, Am J Emerg Med, May 2005;23:243-7.

**Gouin S.**, Patel H., Bergeron S., Amre D., Guérin R., The effect of Picture Archiving Communications Systems on the accuracy of diagnostic interpretation of pediatric emergency physicians, Acad Emerg Med, Feb 2006;13:2:186-190.

Gravel J., **Gouin S.**, High missing rate of vital signs at triage in a Paediatric Emergency Department, Paediatrics & Child Health, April 2006;11:4:211-5.

Gravel J., **Gouin S.**, Bailey B., Roy M., Bergeron S., Amre D., Reliability of a computerized version of the Pediatric Canadian Triage and Acuity Scale, Acad Emerg Med, Oct 2007;14:10:864-9.

**Gouin S.**, Chevalier I., Gauthier M., Lamarre V., Prospective evaluation of the management of moderate to severe cellulitis with parenteral antibiotics at a Pediatric Day Treatment Center, J Paediatr Child Health, Apr 2008;44:4:214-8. Epub 2007 Oct 18.

Gravel J., **Gouin S.**, Arsenault M., Manzano S., Amre D., Inter-rater agreement between nurses for the Pediatric Canadian Triage and Acuity Scale in a tertiary care center, Acad Emerg Med, Oct 17<sup>th</sup> 2008; Epub.

Plint AC., Johnson DW., Patel H., Wiebe N., Correll R., Brant R., Mitton C., **Gouin S.**, Bhatt M., Joubert G., Black KJL., Turner T., Whitehouse S., Klassen

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TP., Epinephrine and Dexamethasone in Children with Bronchiolitis, NEJM, May 14<sup>th</sup> 2009, 360;20:2079-2089.

Goldman RD., Scolnick D., Chauvin-Kimoff L., Farion K., Ali S., Lynch T., **Gouin S.**, Osmond MH., Johnson DW., Klassen TP., Practice Variations in the Treatment of Febrile Infants Among Pediatric Emergency Physicians, Pediatrics, August 2009, 124:2:439-445.

Gravel J., Hedrei P., **Gouin S.**, Grimard G., Prospective Validation of three Ankle Assessment Rules in a Pediatric Population, Ann Emerg Med. 2009 Oct;54(4):534-540.e1. Epub 2009 Aug 3.

Gauthier M., Chevalier I., **Gouin S.**, Lamarre V., Abela A., Ceftriaxone for Persistent Acute Otitis Media : Impact of a Clinical Practice Guideline, Pediatr Emerg Care, 2009 Nov;25:11:739-743. Epub 2009 Oct 27.

Gravel J., **Gouin S.**, Reply (correspondence for Prospective Validation of three Ankle Assessment Rules in a Pediatric Population), Ann Emerg Med. 2010 April;55:4:392.

**Gouin S.**, Robidas I., Gravel J., Guimont C., Chalut D., Amre D., Prospective Evaluation of Two Clinical Scores for Acute Asthma in 18 Months to 7 Years of Age, Acad Emerg Med, 2010 Jun;17:6:598-603.

Richer LP., Laycock K., Millar K., Fitzpatrick E., Khangura S., Bhatt M., Guimont C., Neto G., Noseworthy S., Siemens R., **Gouin S.**, Rowe B., Treatment of Children with Migraine in Emergency Departments: National Practice Variation Study, Pediatrics, 2010 July;1:126, e150-155, Epub 2010 Jun 7.

Summer A., Coyle D., Mitton C., Johnson DW., Patel H., Klassen TP., Correll R., **Gouin S.**, Bhatt M., Joubert G., Black KJL., Turner T., Whitehouse S., Plint A., Canadian Bronchiolitis Epinephrine Steroid trial : Cost Effectiveness of Epinephrine and Dexamethasone in Children with Bronchiolitis, Pediatrics, 2010 Oct;4:126:623-31. Epub 2010 Sep 27.

Freedman S., **Gouin S.**, Bhatt M., Black K., Johnson D., Guimont C., Joubert G., Porter R., Doan Q., Vanwylick R., Schuh S., Atenafu E., Eltorki M., Cho D., plint A., A Prospective Assessment of Practice pattern Variation in the Treatment of Pediatric Gastroenteritis, Pediatrics, 2011 Feb;2:127: e287-95. Epub 2011 Jan 24.

Enarson P., **Gouin S.**, Goldman RD., Child Health Update: Dimenhydrinate Use for Children with Vomiting, Can Fam Physician, 2011 Apr;57:4:431-2.

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Schuh S., Zemeck R., Plint A., Black K., Freedman S., Porter R., **Gouin S.**, Hernandez A., Johnson D., Magnesium use in asthma pharmacotherapy: A Pediatric Emergency research Canada study, Pediatrics, 2012 May;129(5):852-9. Epub 2012 Apr 16.

Gauthier M., **Gouin S.**, Phan V., Gravel J., Association of malodorous urine with urinary tract infection in children aged 1-36 months, Pediatrics, 2012 May;129(5):885-90. Epub 2012 Apr 2.

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Le May S., **Gouin S.**, Robert MA., Messier A., Morin N., Combination of Analgesics for Pain Management of Children Presenting to the Emergency Department for an Acute Musculoskeletal Trauma, *Acad Emerg Med*, 2010 May; 157:5:suppl 1:S142.

Freedman SB, **Gouin S.**, Bhatt M., Johnson D., Guimont C., Black K., Joubert G., Porter R., Doan Q, Van Wylick R., Schuh S., Etenafu E., Eltorky M., Cho D., Plint A., A Prospective Assessment of Practice Variation in the Treatment of Pediatric Gastroenteritis, *CJEM*, 2010 May;12:3:249.

Le May S., **Gouin S.**, Robert MA., Messier A., Morin N., Combination of Analgesics for Pain Management of Children Presenting to the Emergency Department for an Acute Musculoskeletal Trauma, *CJEM*, 2010 May;12:3:237.

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Gravel J., **Gouin S.**, Goldman R., Osmond M.H., Fitzpatrick E., Boutis K., Guimont C., Joubert G., millar K., Curtis S., Sinclair D., Amre D., Validity of the Canadian Triage and Acuity Scale for children: a prospective multicentre study, *Acad Emerg Med*, 2011 May;18:5:S1:S27.

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Gauthier M., **Gouin S.**, Phan V., Gravel J., Predictive ability of smelly urine for urinary tract infection in 1- to 36-month-old children, *Acad Emerg Med*, 2011 May;18:5:S1:S75.

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**Gouin S.**, Vo T.T., Roy M., Lebel D., Gravel J., A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting from acute gastroenteritis, E-PAS2011:1447.416.

Gauthier M., **Gouin S.**, Phan V., Gravel J., Predictive ability of smelly urine for urinary tract infection in 1- to 36-month-old children, E-PAS2011:2945.508.

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**Gouin S.**, Vo T.T., Roy M., Lebel D., Gravel J., A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting from acute gastroenteritis, CJEM, 2011 May;13:3:175.

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Guimont C., D'Anjou A.C., Bernier D., Daigneault P., **Gouin S.**, Risk factors for return to medical care in children with acute viral bronchiolitis who were discharged from the emergency department, CJEM, 2011 May;13:3:192.

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Gravel J., Fitzpatrick E., **Gouin S.**, Millar K., Curtis S., Joubert G., Boutis K., Guimont C., Goldman R.D., Dubrovsky S.A., Porter R., Beer D., Doan Q., Osmond M.H., Performance of the Canadian triage and Acuity Scale for children: A multi-center database study, Paed and Child Health, 2012;17(suppl A):21A.

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Gravel J., Fitzpatrick E., **Gouin S.**, Millar K., Curtis S., Joubert G., Boutis K., Guimont C., Goldman R.D., Dubrovsky S.A., Porter R., Beer D., Doan Q., Osmond M.H., Performance of the Canadian triage and Acuity Scale for children: A multi-center database study, E-PASS 2012:1500.19.

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Desjardins M.P., Gaucher N., Curtis S., LeMay S., Lebel D., **Gouin S.**, A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old needing venipuncture Acad Emerg Med, May 2014, vol 21;s1.

Gravel J., **Gouin S.**, Chalut D., Crevier L., Masse B., Evaluation of a clinical score for skull radiography of young children with isolated head trauma, Acad Emerg Med, May 2014, vol 21;s1.

## **CONTRIBUTIONS / CONTRIBUTION AU FONCTIONNEMENT DE L'INSTITUTION**

### **1996-1999                    The Montreal Children's Hospital**

- September 1996 - July 1999: Supervisor of junior pediatric residents during rotation in the Emergency Department. Responsible for in-training evaluation (monthly).
- June 1997 – July 1999 : Member of the Fellowship Committee, Pediatric Emergency Medicine.
- December 1997: Participation in the design and as examiner for the written and oral examination of the Fellows in Pediatric Emergency Medicine.

### **1996-1999                    McGill University**

- 1998: Surveyor for the Internal Review of the McGill Residency Training Programs

### **2000-to present    CHU Sainte-Justine**

- January 2001-Sept 2001: Program directors committee, Department of Pediatrics.
- March 2001: Chair, second annual Pediatric Emergency Medicine Fellowship retreat, Mont Tremblant (for CHU Sainte-Justine, The Montreal Children's Hospital and Children Hospital of Eastern Ontario).
- November 2001: Judge, Resident/Fellow Research competition, Department of Pediatrics, CHU Sainte-Justine, Montreal University.
- June 2003 to June 2007: Co-responsable de la coordination des réunions de Mouvement Épidémiologique de Recherche Clinique (MERC) de CHU Sainte-Justine.
- June 2003: Development of a protocol as principal author: Guidelines for the treatment of patients with cellulitis in a Pediatric Day Care Center (Centre de Jour de Pédiatrie) (multidisciplinary approach).

- January 2004 to the present: Représentant du groupe des urgentistes au sein de PERC (Pediatric Emergency Research of Canada); participation annuelle à la réunion nationale.
- April 2004: Development of a protocol: Utilization of ceftriaxone in the management of acute otitis media and Recommendations in the management of refractory otitis media (multidisciplinary approach).
- November 2004: Judge, Resident/Fellow Research competition, Department of Pediatrics, Hospital Sainte-Justine, Montreal University.
- November 2005: Membre représentatif de l'urgence, Groupe de travail; Lignes directrices sur le traitement de la bronchiolite (multidisciplinary approach).
- May 2006 : Membre de 'Focus group' pour définir les axes de développement du CHU Sainte-Justine, mandaté par la Direction des Services Professionnels du CHU Sainte-Justine
- 2006 to present Director, Theme : Acute Care, Research axis : Health Outcomes, Centre de Recherche, Centre Hospitalier Universitaire Sainte-Justine.
- Juin 2008 : Organisateur principal de 3<sup>e</sup> Journée Provinciale de Recherche en Médecine d'Urgence, Montréal, Québec
- September 2008 : Membre du comité organisateur, Premier Symposium Annuel en Urgences Oto-Rhino-Laryngologiques et Ophthalmologiques, La Fondation de l'Hôpital de Montréal pour Enfants – Je t'entends, Centre de Simulation de McGill, Montréal, Québec
- May 2009 : Membre représentatif de l'urgence, Groupe de travail; 'Prise en charge de la bronchiolite aiguë' (multidisciplinary approach)
- June 2010 : Présentation au réunion du MERC (Mouvement en Épidémiologie et de Recherche Clinique) : Prise en charge de la douleur des enfants se présentant à l'urgence avec des traumas musculosquelettiques', Centre de Recherche, CHU Sainte-Justine

## **RAYONNEMENT**

### **GUEST SPEAKER / CONFÉRENCIER INVITÉ**

- December 1996 Presentation at "A Practical Course in Emergency Medicine" given by the Montreal General Hospital, Postgraduate Board, McGill University. Workshop title: "The wheezing child".
- February 1997 Presentation at the "Annual Pediatric Update", "Practical Problems in Pediatrics" given by the Montreal Children's Hospital, Department of Pediatrics, McGill University. Presentation title: "Approach to an unusual cause of seizure".
- May 1997 Presentation: " The wheezing Child ", Barrie Memorial Hospital, McGill University.
- December 1997 Presentation at "A Practical Course in Emergency Medicine" given by the Montreal General Hospital, Postgraduate Board, McGill University. "Seizure management ; a pediatric perspective".
- December 1998 Presentation at "A Practical Course in Emergency Medicine" given by the Montreal General Hospital, Postgraduate Board, McGill University. "Acute Sinusitis: What's New for the Pediatric Patient".
- February 1999 Presentation at the "Annual Pediatric Update", "Practical Problems in Pediatrics" given by the Montreal Children's Hospital, Department of Pediatrics, McGill University. Workshop title: "The Minor Wound in the Office ".
- October 2000 Presentation at "Les Journées de Pédiatrie", Sainte-Justine Hospital, Department of Pediatrics, University of Montreal. " État de mal convulsif chez l'enfant ".
- October 2001 Presentation at the annual meeting of l'Association des Médecins d'Urgence du Québec, Quebec city. " Approche fondée sur les preuves du traitement de la bronchiolite ".
- October 2002 Presentation at the annual meeting of l'Association des Médecins d'Urgence du Québec, Montreal. " État de mal convulsif chez l'enfant ".
- November 2002 Presentation at "Les Journées de Pédiatrie", Sainte-Justine Hospital, Department of Pediatrics, University of Montreal. " Bronchiolite: options thérapeutiques en 2003 ".

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- June 2003 Workshop at The Canadian Paediatric Society annual meeting, Calgary, Alberta  
" Hearing impairment in young children: Early diagnosis and intervention "
- September 2003 Presentation at the Council of Community Based Pediatricians of the Montreal Children's Hospital, Montréal, Québec  
" Hearing impairment in young children: Early diagnosis and intervention, An approach for pediatricians "
- December 2003 Presentation at "Les Journées de Pédiatrie", Sainte-Justine Hospital, Department of Pediatrics, University of Montreal.  
" Surdité chez l'enfant: comment reconnaître et prendre en charge "
- January 2004 Presentation at "Hot Topics", Sainte-Justine Hospital, Department of Pediatrics, University of Montreal.  
" Une oreille attentive aux problèmes de surdité chez l'enfant "
- February 2004 Workshop at the "Practical Problems in Pediatrics", The Montreal Children's Hospital, McGill University Health Centre, McGill Faculty of Medicine, Montreal, Quebec.  
"Hearing-Disabled Children"
- June 2005 Presentation at the International Interdisciplinary Conference on Emergencies, Montreal, Quebec  
"Treatment of status epilepticus and migrainosus in children: an evidence-based approach"
- October 2009 Plenary presentation at the 6<sup>th</sup> Annual Paediatric Emergency Medicine Conference, University of Toronto, Toronto, Ontario  
'Best Practices in Pediatric Emergency Medicine'
- October 2009 Workshop at the 6<sup>th</sup> Annual Paediatric Emergency Medicine Conference, University of Toronto, Toronto, Ontario  
'Approach to upper extremity injuries'
- February 2010 Plenary presentation at: Journée thématique en médecine d'urgence: Pédiatrie, Association des Médecins d'Urgence du Québec, Quebec city, Quebec  
'Les articles les plus intéressants en médecine d'urgence pédiatrique depuis 2008'
- April 2011 Conférences scientifiques du Département de Pédiatrie (Pediatric Grand Rounds), Centre Hospitalier Universitaire de Québec, Centre Hospitalier Universitaire de Laval  
'Pouvons-nous améliorer la prise en charge de la douleur chez les enfants en médecine d'urgence pédiatrique ?'

- Jan 2012 Guest speaker at the Fellows' Educational Day, Pediatric Emergency Research of Canada, annual meeting, Tremblant, Quebec.  
'Top Ten Pediatric Emergency Medicine Articles of 2011'
- Jan 2012 Panel Guest speaker at the Fellows' Research Day, Pediatric Emergency Research of Canada, annual meeting, Tremblant, Quebec.  
'Strategies for landing first job; Providing quick but effective feedback to trainees; Being an effective leader in the ED; Promoting effective and professional communication with subspecialties or inpatient wards'
- Nov 2012 Guest speaker  
Congrès Scientifique en Médecine d'urgence, 29<sup>e</sup> édition, annual meeting, Manoir Richelieu, Quebec. Association des médecins d'urgence du Québec.  
'Bronchospasme, bronchiolite et laryngite striduleuse: Prises en charge version EBM'
- Nov 2012 Guest speaker  
Congrès de médecine familiale – Édition 2012, annual meeting, Riviera Maya, Mexico. Fédération des médecins résidents du Québec.  
'Les traumatisms du membre supérieur chez l'enfant'
- June 2014 Guest speaker  
Annual Conference, Canadian Pediatric Society, Paediatric Emergency Medicine Section Program, Montreal, Quebec, Canada.  
'Interesting x-rays: A case-based, interactive review'
- Oct 2014 Guest speaker  
Lifelong Learning in Paediatrics, Continuing Medical Education, Canadian Pediatric Society, Montreal, Quebec, Canada  
Presentation: 'What's new in procedural sedation'
- Oct 2014 Guest speaker  
Lifelong Learning in Paediatrics, Continuing Medical Education, Canadian Pediatric Society, Montreal, Quebec, Canada  
Workshop: 'Trauma in upper and lower extremity injuries in children: Approaches, diagnoses, first-line interventions and appropriate referrals'
- Oct 2014 Guest speaker  
Lifelong Learning in Paediatrics, Continuing Medical Education, Canadian Pediatric Society, Montreal, Quebec, Canada  
Presentation: 'How can we improve pain control in acute care? Highlights recent developments in pain management'

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RESEARCH PRESENTATIONS / PRÉSENTATIONS SCIENTIFIQUES À DES CONGRÈS

Diagnosis of subpleural cysts in a patient with Trisomy 21 and pulmonary hypertension.

Canadian Pediatric Society, annual meeting, Vancouver, June 1993.

Impact of a pediatric observation unit on asthma hospitalization.

Canadian Pediatric Society, annual meeting, Montreal, June 1995.

University of Toronto, Academic day, Division of Emergency Medicine, June 1995.

American Academy of Pediatrics, annual meeting, San Francisco, October 1995.

University of Toronto, Resident Research day, Department of Pediatrics, May 1996.

Unusual cause of seizure: A case report of camphor poisoning.

University of Toronto, Academic day, Division of Emergency Medicine, June 1996.

Predictor factors for successful discharge of children with asthma from an observation unit.

Canadian Pediatric Society, annual meeting, Halifax, June 1997.

American Academy of Pediatrics, annual meeting, New Orleans, November 97.

Predictive factors for short-term symptom resolution in children with constipation.

Ambulatory Pediatric Association, annual meeting, New Orleans, May 98.

Canadian Pediatric Society, annual meeting, Hamilton, June 98.

Should the lateral chest radiograph be routine in the diagnosis of pneumonia in children? A systematic review.

Ambulatory Pediatric Association, annual meeting, San Francisco, May 99.

McGill University-Montreal Children's Hospital, Annual Research Day, May 99.

Canadian Pediatric Society, annual meeting, Winnipeg, June 99.

Do pediatric emergency physicians interpret chest radiographs accurately?

Canadian Pediatric Society, annual meeting, Winnipeg, June 99.

Is the lateral chest radiograph required in the diagnosis and management of children with suspected pneumonia ? A randomized clinical trial.

Ambulatory Pediatric Association, annual meeting, Boston, May 2000.

Society of Academic Emergency Medicine, annual meeting, San Francisco, May 2000.

Canadian Association of Emergency Physicians, annual meeting, Saint John, June 2000.

Canadian Pediatric Society, annual meeting, Ottawa, June 2000.

Plain gut versus non-absorbable nylon sutures in traumatic pediatric lacerations: Short-term outcomes.

Canadian Association of Emergency Physicians, annual meeting, Saint John, June 2000.

Canadian Pediatric Society, annual meeting, Ottawa, June 2000.

Pediatric Academic Societies Annual Meeting, Baltimore, April 2001.

Society of Academic Emergency Medicine Annual Meeting, Atlanta, May 2001.

Can we predict which children with clinically suspected pneumonia will have the presence of focal infiltrates on chest radiographs?

American Academy of Pediatrics, annual meeting, Chicago, October 2000.

Canadian Association of Emergency Physicians, annual meeting, Calgary, March 2001.

Canadian Pediatric Society, annual meeting, Vancouver, June 2001.

Do residents interpret pediatric chest radiographs accurately ?

Canadian Association of Emergency Physicians, annual meeting, Calgary, March 2001.

Comparison of pediatric triage assessment between registered nurses and emergency physicians.

Canadian Association of Emergency Physicians, annual meeting, Calgary, March 2001.

Pediatric Academic Societies Annual meeting, Baltimore, April 2001.

Congrès national de la Société Française de Pédiatrie, Paris, Mai 2001.

Society of Academic Emergency Medicine Annual Meeting, Atlanta, May 2001.

Canadian Pediatric Society Annual meeting, Vancouver, June 2001.

Do pediatric emergency physicians change the management of patients with suspected pneumonia after interpretation of chest radiographs by radiologists ?

Canadian Association of Emergency Physicians, annual meeting, Calgary, March 2001.

Pediatric Academic Societies Annual Meeting, Baltimore, April 2001.

Canadian Pediatric Society Annual meeting, Vancouver, June 2001.

Can pediatric emergency physicians correctly localize pulmonary infiltrates on chest radiographs?

Canadian Association of Emergency Physicians, annual meeting, Calgary, March 2001.

Pediatric Academic Societies Annual Meeting, Baltimore, April 2001.

Canadian Pediatric Society Annual meeting, Vancouver, June 2001.

Crise d'asthme: Prise en charge aux urgences.

Congrès national de la Société Française de Pédiatrie, Paris, May 2001.

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Evaluation of the Pediatric Risk of Admission (PRISA) Score in a pediatric emergency department.

Resident/Fellow Research day, Department of Pediatrics, Hospital Sainte-Justine, Montreal, November 2001.

Annual Research meeting, Faculty of Medicine, Montreal University, Montreal, January 2002.

Canadian Association of Emergency Physicians, annual meeting, Hamilton, April 2002.

Ambulatory Pediatric Association, annual meeting, Baltimore (Maryland), May 2002.

14<sup>th</sup> Annual Canadian Pediatric Residents and Fellows Research Competition, University of Manitoba, Winnipeg, May 2002.

Society of Academic Emergency Medicine, annual meeting, St-Louis (Missouri), May 2002.

Canadian Pediatric Society, annual meeting, Toronto, June 2002.

Agreement among pediatric health care professionals with new triage guidelines.

Canadian Association of Emergency Physicians, annual meeting, Hamilton, April 2002.

Society of Academic Emergency Medicine, annual meeting, St-Louis (Missouri), May 2002.

Canadian Pediatric Society, annual meeting, Toronto, June 2002.

Randomized, double-blind, placebo-controlled trial of oral salbutamol in outpatient infants with acute viral bronchiolitis.

Canadian Association of Emergency Physicians, annual meeting, Hamilton, April 2002.

Ambulatory Pediatric Association, annual meeting, Baltimore (Maryland), May 2002.

Society of Academic Emergency Medicine, annual meeting, St-Louis (Missouri), May 2002.

Canadian Pediatric Society, annual meeting, Toronto, June 2002.

Evaluation of the Canadian Paediatric Triage and Acuity Scale in an Emergency Department.

Canadian Association of Emergency Physicians, annual meeting, Hamilton, April 2002.

Ambulatory Pediatric Association, annual meeting, Baltimore (Maryland), May 2002.

Society of Academic Emergency Medicine, annual meeting, St-Louis (Missouri), May 2002.

Canadian Pediatric Society, annual meeting, Toronto, June 2002.

Plain gut versus non-absorbable nylon sutures in traumatic pediatric lacerations: long-term outcomes.

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Canadian Association of Emergency Physicians, annual meeting, Hamilton, April 2002.

Ambulatory Pediatric Association, annual meeting, Baltimore (Maryland), May 2002.

Society of Academic Emergency Medicine, annual meeting, St-Louis (Missouri), May 2002.

Canadian Pediatric Society, annual meeting, Toronto, June 2002.

Interpretation of plain radiographs by pediatric emergency Physicians: Do we need routine review by a radiologist ?

Ambulatory Pediatric Association, annual meeting, Seattle (Washington), May 2003.

Society of Academic Emergency Medicine, annual meeting, Boston (Massachusetts), May 2003.

Canadian Association of Emergency Physicians, annual meeting, Winnipeg, June 2003.

Canadian Pediatric Society, annual meeting, Calgary, June 2003.

The effect of picture archiving and communications systems on the diagnostic performance of pediatric emergency physicians

Society of Academic Emergency Medicine, annual meeting, Orlando (Florida), May 2004.

Canadian Pediatric Society, annual meeting, Montreal, June 2004.

Predictors of failure to measure vital signs at triage in a pediatric emergency department

Canadian Pediatric Society, annual meeting, Montreal, June 2004.

Prospective evaluation of the management of moderate to severe cellulitis with parenteral antibiotics at a pediatric day treatment centre

Ambulatory Pediatric Association Hospital Medicine special interest group meeting, Washington, May 2005

Canadian Association of Emergency Physicians, annual meeting, Edmonton, June 2005

Canadian Pediatric Society, annual meeting, Vancouver, June 2005

Journée recherche clinique en médecine d'urgence, Université de Montréal, 21 juin 2006

Prospective evaluation of the parental satisfaction with the outpatient management of moderate to severe cellulitis

Ambulatory Pediatric Association, annual meeting, San Francisco, April 2006

11<sup>th</sup> International Conference on Emergency Medicine, Halifax, June 2006

Canadian Pediatric Society, annual meeting, Saint John's, June 2006

Prospective evaluation of the inpatient management of cellulitis in a pediatric population

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Ambulatory Pediatric Association Hospital Medicine special interest group meeting, San Francisco, April 2006  
Canadian Pediatric Society, annual meeting, Saint John's, June 2006

Comparison of two clinical scores in the evaluation of acute asthma in pre-school children

Pediatric Emergency Research of Canada, annual meeting, Banff, February 2007

Annual retreat of eastern pediatric emergency medicine fellowships, Mont-Tremblant, March 2007

Congrès de recherche des résidents, CHU Sainte-Justine, Département de Pédiatrie, Université de Montréal, March 2007

Ambulatory Pediatric Association, annual meeting, Toronto, May 2007

Retraite Scientifique et Congrès Annuel des Étudiants Gradués, Centre de Recherche du CHU Sainte-Justine, Montréal, May 2007

Colloque Montréal 2007, Réseau Mère-Enfant de la Francophonie, Juin 2007

Canadian Association of Emergency Physicians, annual meeting, Victoria, June 2007

Journée Inter-Provinciale de recherche en urgence, Université Laval, Québec, June 2007

Canadian Pediatric Society, annual meeting, Montréal, June 2007

Evaluation of the validity of a computerized version of the Canadian Triage and Acuity Scale in a pediatric emergency department

Annual retreat of eastern pediatric emergency medicine fellowships, Mont-Tremblant, March 2007

Society of Academic Emergency Medicine, annual meeting, Chicago, May 2007

Canadian Association of Emergency Physicians, annual meeting, Victoria, June 2007

Journée Inter-Provinciale de recherche en urgence, Université Laval, Québec, June 2007

Canadian Pediatric Society, annual meeting, Montréal, June 2007

Practice variation among pediatric emergency physicians in the management of febrile neonates

Pediatric Academic Societies, annual meeting, Toronto, May 2007

Canadian Pediatric Society, annual meeting, Montréal, June 2007

Predicting the development of severe bronchiolitis among an emergency department cohort: A multi-center study

Pediatric Academic Societies, annual meeting, Honolulu, May 2008

Society of Academic Emergency Medicine, annual meeting, Washington, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

A multicenter randomized controlled trial of nebulized epinephrine and dexamethasone in outpatients with bronchiolitis

Pediatric Academic Societies, annual meeting, Honolulu, May 2008

Society of Academic Emergency Medicine, annual meeting, Washington, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Ceftriaxone for persistent acute otitis media: Impact of a clinical practice guideline

Pediatric Academic Societies, annual meeting, Honolulu, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Prospective evaluation of a revised Preschool Respiratory Assessment Measure in preschool children with acute asthma

Society of Academic Emergency Medicine, annual meeting, Washington, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Inter-rater agreement between nurses using a computerized version of the Pediatric Canadian Triage and Acuity Scale in a pediatric department

Pediatric Academic Societies, annual meeting, Honolulu, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Prospective validation of the Ottawa Ankle Rule and the Malleolar Zone Algorithm for children with ankle trauma

Pediatric Academic Societies, annual meeting, Honolulu, May 2008

Society of Academic Emergency Medicine, annual meeting, Washington, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Prospective evaluation of the ability of the Low-Risk Exam to identify children who do not need radiography for ankle trauma

Pediatric Academic Societies, annual meeting, Honolulu, May 2008

Society of Academic Emergency Medicine, annual meeting, Washington, May 2008

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Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Occurrence of override among nurses using the Pediatric Canadian Triage and Acuity Scale

Society of Academic Emergency Medicine, annual meeting, Washington, May 2008

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Canadian Pediatric Society, annual meeting, Victoria, June 2008

Physicians' clinical interpretation of the Ottawa Ankle Rule for children

Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2008

Combination of analgesics for pain management of children presenting to the Emergency department with a limb trauma

American Pain Society, annual meeting, Baltimore, May 2010

Combination of analgesics for pain management of children presenting to the Emergency Department for an acute musculoskeletal trauma

Pediatric Academic Societies, annual meeting, Vancouver, May 2010

Canadian Association of Emergency Physicians, annual meeting, Montreal, May 2010

Society of Academic Emergency Medicine, annual meeting, Phoenix, June 2010  
13<sup>th</sup> World Congress on Pain, Montréal, August 2010

A prospective assessment of practice pattern variation in the treatment of pediatric gastroenteritis

Pediatric Academic Societies, annual meeting, Vancouver, May 2010

Canadian Association of Emergency Physicians, annual meeting, Montreal, May 2010

Society of Academic Emergency Medicine, annual meeting, Phoenix, June 2010

Canadian Pediatric Society, annual meeting, Vancouver, June 2010

Evaluation of the management of anaphylaxis in a pediatric emergency department: A before and after study

Congrès de la recherche des résidents de pédiatrie: Université de Montréal & McGill University, Montreal, March 2011

Annual competition of research projects by trainees in Pediatrics, Winnipeg, University of Manitoba, May 2011

Comparison of two self-report pain scales in children with a musculoskeletal trauma in a pediatric emergency department

Pediatric Academic Societies, annual meeting, Denver, May 2011

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Society of Academic Emergency Medicine, annual meeting, Boston, May 2011

Validity of the Canadian Triage and Acuity Scale for children: a prospective multi-centre study

Pediatric Academic Societies, annual meeting, Denver, May 2011

Society of Academic Emergency Medicine, annual meeting, Boston, May 2011

Canadian Association of Emergency Physicians, annual meeting, St. John's, June 2011

Canadian Pediatric Society, annual meeting, Quebec city, June 2011

A randomized double-blind trial comparing the effect of oral dimenhydrinate versus placebo in children with moderate vomiting from acute gastroenteritis

Pediatric Academic Societies, annual meeting, Denver, May 2011

Society of Academic Emergency Medicine, annual meeting, Boston, May 2011

Canadian Association of Emergency Physicians, annual meeting, St. John's, June 2011

Predictive ability of smelly urine for urinary tract infection in 1 to 36 month old children

Pediatric Academic Societies, annual meeting, Denver, May 2011

Society of Academic Emergency Medicine, annual meeting, Boston, May 2011

Canadian Association of Emergency Physicians, annual meeting, St. John's, June 2011

Canadian Pediatric Society, annual meeting, Quebec city, June 2011

A prospective multi-centre evaluation of the reliability of the Canadian Triage and Acuity Scale for children

Pediatric Academic Societies, annual meeting, Denver, May 2011

Society of Academic Emergency Medicine, annual meeting, Boston, May 2011

Canadian Association of Emergency Physicians, annual meeting, St. John's, June 2011

Canadian Pediatric Society, annual meeting, Quebec city, June 2011

Developing guidelines for the early recognition and emergency management of severe sepsis in children

Canadian Association of Emergency Physicians, annual meeting, St. John's, June 2011

Canadian Pediatric Society, annual meeting, Quebec city, June 2011

Risk factors for return to medical care in children with acute viral bronchiolitis who were discharged from the emergency department

Canadian Association of Emergency Physicians, annual meeting, St. John's, June 2011

Validity of the Canadian Triage and Acuity Scale for children. A multi-centre, database study

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Pediatric Academic Societies, annual meeting, Boston, April 2012  
Society of Academic Emergency Medicine, annual meeting, Chicago, May 2012  
Canadian Pediatric Society, annual meeting, London, June 2012

A prospective validation of the CATCH rule for head trauma  
Pediatric Academic Societies, annual meeting, Boston, April 2012

Prevalence and predictors of unfavourable outcome for children leaving the emergency department without being seen by a physician  
Pediatric Academic Societies, annual meeting, Boston, April 2012

Impact of an asthma pathway on time to corticosteroid administration  
Society of Academic Emergency Medicine, annual meeting, Chicago, May 2012  
Canadian Association of Emergency Physicians, annual meeting, Niagara Falls, June 2012

Pain scales used in a pediatric emergency department: Comparisons between the visual analogue scale and the faces pain scale-revised  
Canadian Pain Society, annual meeting, Whistler, May 2012

Development and validation of an e-learning module to assess acute asthma severity with the respiratory assessment measure (PRAM)  
XXI World Congress of Asthma, Quebec, August 2012

Pain management of pediatric musculoskeletal traumas in the Emergency Department : A systematic review  
9th International Forum on Pediatric Pain, Nova Scotia, October 2013

Management of acute gastroenteritis in developed countries : A systematic review and meta-analysis  
Pediatric Academic Societies, annual meeting, Vancouver, May 2014

A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old needing venipuncture  
Pediatric Academic Societies, annual meeting, Vancouver, May 2014  
Society of Academic Societies, annual meeting, Dallas, May 2014  
Canadian Association of Emergency Medicine, annual meeting, Ottawa, June 2014  
Canadian Paediatric Society, annual meeting, Montreal, June 2014  
Emirates Society of Emergency Medicine, Scientific conference 2014, Dubai, Dec 2014

Evaluation of a clinical score for skull radiography of young children with isolated head trauma  
Pediatric Academic Societies, annual meeting, Vancouver, May 2014  
Society of Academic Societies, annual meeting, Dallas, May 2014

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Canadian Association of Emergency Physicians, annual meeting, Ottawa, June 2014

Emirates Society of Emergency Medicine, Scientific conference 2014, Dubai, Dec 2014

A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old undergoing simple venipuncture

Pediatric Academic Societies, annual meeting, San Diego, May 2015

Society of Academic Emergency Medicine, annual meeting, San Diego, May 2015

Canadian Paediatric Society, annual meeting, Toronto, June 2015

A clinical decision rule to identify skull fracture among young children with isolated head trauma

Pediatric Academic Societies, annual meeting, San Diego, May 2015

Society of Academic Emergency Medicine, annual meeting, San Diego, May 2015

Canadian Paediatric Society, annual meeting, Toronto, June 2015

## EXPERTISE PROFESSIONNELLE HORS DE L'INSTITUTION

- 1994-1996 Examiner for the L.M.C.C. Qualifying Exam, Part 2, OSCE for the College of Physicians and Surgeons of Ontario.
- 1994-1996 Examiner for the foreign medical Graduate Qualifying Examination OSCE for the College of Physicians and Surgeons of Ontario.
- 1998 External reviewer for Archives of Pediatrics & Adolescent Medicine
- Sept 2001 to present Institution representative for Pediatric Emergency Research of Canada (national research consortium).
- 2005-2011 Nucleus Member, Specialty Committee in Pediatric Emergency Medicine, The Royal College of Physicians and Surgeons of Canada.
- 2007-2008 Corresponding Member, Pediatric Emergency Medicine Examination Board, The Royal College of Physicians and Surgeons of Canada.
- 2007 to present Scientific reviewer, Annual conference, Canadian Association of Emergency Physicians
- 2009 to present Member of the Canadian Association of Emergency Physicians Pediatric Sepsis Guideline team  
Canadian Institutes of Health Research grant: 10 000\$,  
Meetings, Planning & Dissemination Grant: Institute of Infection and Immunity Competition 2009.
- 2009 Judge, resident competition, 4e Journée Provinciale de la recherche en médecine d'urgence, Hôpital Sacré-Cœur, Montreal, Quebec.
- 2010 Mentor, Research presentations of fellows in pediatric emergency medicine, Pediatric Research of Canada (PERC) annual meeting, Research Fellow's Day, Quebec city, Quebec.
- 2010-2012 Elected Member, Executive committee of Pediatric Emergency Research of Canada (PERC).
- January 2010 Participation in first symposium in the development of the Canadian Association of Emergency Physicians sepsis guidelines, Quebec city, Quebec.
- September 2010 Participation in second symposium in the development of the Canadian Association of Emergency Physicians sepsis guidelines, Calgary, Alberta.

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- 2011 Participation in symposium: 'Towards optimizing in the treatment of children's pain in the ED – Banff 2011', Banff, Alberta
- 2011 Mentor, Research presentations of fellows in pediatric emergency medicine, Pediatric Research of Canada (PERC) annual meeting, Research Fellow's Day, Banff, Alberta.
- 2011 to present Institutional site coordinator for the TREKK network
- 2012 Mentor, Research presentations of fellows in pediatric emergency medicine, Pediatric Research of Canada (PERC) annual meeting, Research Fellow's Day, Mont-Tremblant, Quebec.
- 2012 Discussion group leader for Quebec node, TREKK network meeting, Mont-Tremblant, Quebec.
- 2012 Juge for selection of recipient for :Terry Klassen Young Investigator Award, Pediatric Emergency Research of Canada
- 2014 Évaluateur: Programme de subvention Consortium pour le développement de la recherche en traumatologie, Fonds de recherche du Québec – Santé (FRQS)

## SERVICES A LA COLLECTIVITÉ

- 1996–1999 Représentant des soins avancés pédiatriques (PALS), au sein du sous-comité des soins avancés en réanimation de la Fondation des maladies du coeur du Québec, provincial committee.

## PRIZES / PRIX

- 1995 University of Toronto, Division of Emergency Medicine, Academic research day.  
Paper: Impact of a pediatric observation unit on asthma hospitalization.  
Research prize for presentation
- 2000 Canadian Association of Emergency Physicians, selected for CAEP Resident Research Competition, annual meeting.  
Paper: Plain gut versus non-absorbable nylon sutures in traumatic pediatric lacerations: Short-term outcomes.
- 2000 Canadian Association of Emergency Physicians, selected for CAEP Resident Research Competition, annual meeting.

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Paper: Is the lateral chest radiograph required in the diagnosis and management of children with suspected pneumonia ? A randomized clinical trial.

- 2000 Canadian Association of Emergency Physicians annual meeting.

Paper: Is the lateral chest radiograph required in the diagnosis and management of children with suspected pneumonia ? A randomized clinical trial.

Second prize for best resident research presentation.

- 2000 Canadian Association of Emergency Physicians annual meeting.

Paper: Plain gut versus non-absorbable nylon sutures in traumatic pediatric lacerations: Short-term outcomes.

Third prize for best resident research presentation.

- 2000 Canadian Pediatric Society annual meeting,

Paper: Is the lateral chest radiograph required in the diagnosis and management of children with suspected pneumonia ? A randomized clinical trial.

Finalist for best resident research presentation.

- 2000 American Academy of Pediatrics annual meeting,

Paper: Can we predict which children with clinically suspected pneumonia will have the presence of focal infiltrates on chest radiographs ?

Willis Wingert Award

Best research paper presentation by a Fellow (Emergency Medicine Section).

- 2001 Canadian Association of Emergency Physicians, selected for CAEP Resident Research Competition, annual meeting.

Paper: Do residents interpret pediatric chest radiographs accurately ?

- 2001 Canadian Association of Emergency Physicians annual meeting.

Paper: Do residents interpret pediatric chest radiographs accurately ?.

Third prize for best resident research presentation.

- 2001 Annual Resident Congress, Department of Pediatrics, Montreal University

Paper: Evaluation of the Pediatric Risk of Admission (PRISA) Score in a pediatric emergency department.

Prize: best scientific presentation.

- 2002 14<sup>th</sup> Annual Canadian Pediatric Residents and Fellows Research Competition, University of Manitoba.

Paper: Evaluation of the Pediatric Risk of Admission (PRISA) Score in a pediatric emergency department.

Prize: best scientific presentation.

- 2004 PRIX IMS CANADA 2003 for best paper published by a specialist

Paper: Randomized, double-blind, placebo-controlled trial of oral albuterol in infants with mild-to-moderate acute viral bronchiolitis.

- 2007 PAS Young Investigator's Travel Awards Program, Annual meeting of the Pediatric Academic Societies

Paper: Comparison of two clinical scores in the evaluation of acute asthma in pre-school children

- 2007 Prix des affaires académiques, Grand Jury du Prix du FRSQ, XXIIe Congrès annuel de la recherche des étudiants gradués et post-gradués du Centre de recherche du CHU Sainte-Justine

Paper : Comparison of two clinical scores in the evaluation of acute asthma in pre-school children

- 2007 Research presentation prize, CIHR-Institute of Human Development, Child and Youth Health, Annual meeting of the Canadian Pediatric Society

Paper: Practice variation among pediatric emergency physicians in the management of febrile neonates

- 2008 Purdue Pharma Award for an Interprofessional Project, Annual meeting of the Canadian Pain Society

Paper: The efficacy and safety of an opioid with an NSAID for children presenting in the Emergency Department with a limb injury

- 2008 Grant Innes Research Paper and Presentation, Annual meeting of the Canadian Association of Emergency Physicians

Paper: A multi-center randomized controlled trial of nebulized epinephrine and dexamethasone in outpatients with bronchiolitis

- 2011 First prize, Research presentation Congrès de la recherche des résidents de pédiatrie: Université de Montréal & McGill University, Montreal

Paper: Evaluation of the management of anaphylaxis in a pediatric emergency department: A before and after study

- 2013 Prix IMS Brogan 2012 décerné à un médecin spécialiste pour meilleure publication sur l'utilisation d'un médicament en 2012.

Paper : Oral dimemhydrinate versus placebo in children with gastroenteritis :A randomized controlled trial.

- 2014 Prix David Johnson, best research project presented by a fellow at PERC (Pediatric Emergency Research Canada) annual meeting

Paper: A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old needing venipuncture

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- 2014 Third Prize – Oral Presentation, Emirates Society of Emergency Medicine 2014, Scientific Conference, December 2014, Dubai, United Arab Emirates

Paper: A randomized double-blind trial comparing the effect on pain of an oral sucrose solution versus placebo in children 1 to 3 months old needing venipuncture

-2015 Semi-Finalist award, category: Faculty, Society of Academic Emergency Medicine, 2015 annual meeting, May 2015, San Diego.

Paper: A clinical decision rule to identify skull fracture among young children with isolated head trauma.