



Annual Scientific Meeting – January 31st – February 4th, 2021 Virtual Conference

Conference Session Learning Objectives:

- Create new knowledge through the dissemination of research involving clinical and epidemiological studies in pediatric emergency medicine.
- Enhance the image of pediatric emergency medicine as a credible academic discipline with its own research agenda.
- Develop cohesiveness between centers involved in the practice of pediatric emergency medicine.

Keynote Speaker: Dr. Christine Chambers

Presentation Title: *From Evidence to Influence: Moving Children’s Pain Research into Practice and Policy*

Session Learning Objectives:

- Describe the need and importance of mobilization of research on children’s pain into practice and policy.
- Identify key components of effective knowledge mobilization.

**Annual Research Meeting – Sunday, January 31st – Thursday, February 4th, 2021
Virtual Conference
SUMMARY SCHEDULE**

All times are in Mountain Time

Sunday, January 31st, 2021	
0900-1630	Fellows Education Day
Monday, February 1st, 2021	
0840-1610	Fellows/Trainee Research Day
1000-1400	PERC Research Coordinators Meeting
Tuesday, February 2nd, 2021	
0830-0900	Welcome and 2020 Overview
0900-1000	Fellows Research Award Finalists
1030-1200	Research Presentations
1200-1215	Terry Klassen Young Investigator Award
1230-1530	TREKK Meeting
Wednesday, February 3rd, 2021	
0845-1500	Research Presentations
1115-1130	Introduction of new PERC award
1130-1215	Guest Speaker – Dr. Christine Chambers
Thursday, February 4th, 2021	
0900-1100	Special Interest Groups Meetings
1130-1300	Research Presentations
1330-1430	Special Interest Group Meeting

PERC 2021 FELLOWS EDUCATION AND RESEARCH CONFERENCE

Sunday, January 31st, 2021 - Fellows Education Day

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Overall Learning Objective:

- At the end of these sessions, all participants will acquire structured and interactive educational opportunities for PEM fellows and junior researchers.

0900 – 0915	Welcome / Opening remarks	Dr. Melissa Chan
0915 – 1015	Building Resilience: Skills to Enhance Well-Being <i>Session Learning Objective: Recognize the determinants of resilience and describe the tools to enhance resilience and well-being in response to acute and chronic stress.</i>	Dr. Olivia Tse
1015 – 1030	Stretch Break	
1030 – 1130	Leadership through Adversity <i>Session Learning Objectives: Identify the key elements of leadership. Recognizing the difference between management and leadership as well as apply leadership principles to real life decision making scenarios.</i>	Dr. Warren Ma
1130 – 1230	Lunch Break	
1230 – 1330	Top articles in PEM <i>Session Learning Objective: At the end of this session, participants will be able to describe the knowledge transfer/translation process when dealing with the top articles in PEM in 2020.</i>	Dr. Jocelyn Gravel
1330 – 1345	Stretch Break	
1345 – 1445	Wait! Don't sign that contract just yet.... <i>Session Learning Objective: Discuss the job application process and highlight how to be a successful and desirable PEM applicant. Outline the different job types and the importance of understanding your contract. Discuss tips on contract negotiation.</i>	Dr. Sim Grewal
1445 – 1500	Stretch Break	
1500 – 1630	Opportunity to Network with PEM Directors & New Staff via Breakout Rooms	

Monday, February 1st & Tuesday February 2nd, 2021 – Trainee Research Day

Session Learning Objectives:

- At the end of these sessions, all fellows/trainees will identify mentorship opportunities for the development of their research projects

All times are in Mountain Time

Please arrive a few minutes early to ensure you are logged on as we will be starting promptly.

Monday, February 1st, 2021

Presentations Block I

0840 – 1100		Room 1	Room 2
0840-0900	Nick Giffin (Edmonton)		-
0900-0920	Ashley Martin (Halifax)		Francois Gagnon (Ottawa)
0920-0940	Ala Bdira (Ottawa)		Ronald May (Halifax)
0940-1000	Osama Algrigri (Hamilton)		Céline Rolle (Ste Justine)
1000-1020	Chady El Tawil (Montreal)		Oana Florescu (Winnipeg)
1020-1040	Sara-Pier Piscopo (London)		Omar Damji (Calgary)
1040-1100	Grazyna Burek (Calgary)		Stevi Golden-Plotnik (Edmonton)

1100 – 1130 Stretch Break

Presentations Block II

1130 – 1330		Room 1	Room 2
1130-1150	Rosa Ramaekers (Ottawa)		Sufyan Alrahbi (Montreal)
1150-1210	Noah Marzook (Montreal)		Owen Chauhan (Ottawa)
1210-1230	Jessica Harper (Winnipeg)		Zachary Pancer (Toronto)
1230-1250	Alison Lee (Vancouver)		Noelle Power (Edmonton)
1250-1310	Habeeb Alsaeed (Ottawa)		Soha Rached-d'Astous (Toronto)
1310-1330	Kenneth Lee (Vancouver)		Anne-Josée Côté (Calgary)

1330 – 1350 Stretch Break

Presentations Block III

1350 – 1610		Room 1	Room 2
1350-1410	Anfal Taher (Montreal)		Alexandra Trottier (Ste Justine)
1410-1430	Marie-Pier Lirette (Toronto)		Yousef Mandourah (Ottawa)
1430-1450	Fahad Masud (Ottawa)		Andrea Sadoway (Halifax)
1510-1530	Sarah Johnson (Edmonton)		Sabrina Lue Tam (Toronto)
1530-1550	Gloria Yoo (Calgary)		Steve Leung (Vancouver)
1550-1610	Alexander Chase (London)		-

Presentations (Block I): Monday, February 1st

Room 1			
0840-0900	Fellow	Nick Giffin (Edmonton)	Prevalence of Pain-Related Presentations to Two Canadian Pediatric Emergency Departments.
0900-0920	Fellow	Ashley Martin (Halifax)	Oral case presentation skills in the Emergency Department: Developing a curriculum for medical students.
0920-0940	Fellow	Ala Bdira (Ottawa)	Unperceived learning needs among physicians caring for critically ill children in general emergency departments.
0940-1000	Fellow	Osama Algrigri (Hamilton)	A Retrospective Cohort Study of Febrile Infants Less Than 90 Days with Respiratory Illness to Determine the Prevalence of Serious Bacterial Infections and Harms Associated with Screening Tests.
1000-1020	Fellow	Chady El Tawil (Montreal)	Risk Factors for Return Visits to the Pediatric Emergency Department: a Systematic Review and Meta-analysis.
1020-1040	Fellow	Sara-Pier Piscopo (London)	Impact of Covid-19 pandemic on bystander response to paediatric out-of-hospital cardiac arrest and patient outcome: A review of the CanROC database.
1040-1100	Fellow	Grazyna Burek (Calgary)	To scan or not to scan? Development of a local consensus guideline for the use of CT chest imaging in pediatric blunt chest trauma at the Alberta Children's Hospital.

1100-1130 Lunch Break

Room 1			
1130-1150	Fellow	Rosa Ramaekers (Ottawa)	Barriers of using clinical decision tools in pediatric emergency medicine.
1150-1210	Fellow	Noah Marzook (Montreal)	Findings of pediatric point of care lung ultrasound in patients with cystic fibrosis and primary ciliary dyskinesia.
1210-1230	Fellow	Jessica Harper (Winnipeg)	Readiness of Emergency Departments for Pediatric Patients: A systematic review.
1230-1250	Fellow	Alison Lee (Vancouver)	Youth Mental Health presentations at a quaternary center: Who comes, What are their needs, and Can we meet their needs
1250-1310	Fellow	Habeeb Alsaeed (Ottawa)	Postal code as a predictor factor in ED.
1310-1330	Fellow	Kenneth Lee (Vancouver)	Longitudinal Trends in Burnout in Pediatric Emergency Medicine Physicians During COVID-19.

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Presentations (Block II): Monday, February 1st

Room 2			
0900-0920	Fellow	Francois Gagnon (Ottawa)	The Analgesic Effect of Intranasal Lidocaine Prior to Nasopharyngeal Swab: A Randomized Control Trial.
0920-0940	Fellow	Ronald May (Halifax)	Outside the Room: The Impact of Trauma Team Activations on Pediatric Emergency Department Crowding.
0940-1000	Fellow	Céline Rolle (Ste Justine)	Sickle cell disease children with fever treated with one ED visit and phone follow-up.
1000-1020	Fellow	Oana Florescu (Winnipeg)	Pediatric Readiness Initiative for Emergency Department: assessment of Children's Hospital of Winnipeg emergency department.
1020-1040	Fellow	Omar Damji (Calgary)	VITAL - Virtual Reality for Intubation Training As a Lifesaving Measure.
1040-1100	Fellow	Stevi Golden-Plotnik (Edmonton)	Adolescent and caregiver perspectives on living with a limb fracture.

1100-1130 Lunch Break

Room 2			
1130-1150	Fellow	Sufyan Alrahbi (Montreal)	Safety, Feasibility and acceptability of video-based telehealth in Pediatric Emergency Department.
1150-1210	Fellow	Owen Chauhan (Ottawa)	Skin Glue to Reduce Peripheral Intravenous Catheter Failure Rate in Children: A Randomized Controlled Trial.
1210-1230	Fellow	Zachary Pancer (Toronto)	Development and Implementation of a Safety Checklist for Pediatric Procedural Sedation in the Emergency Department.
1230-1250	Fellow	Noelle Power (Edmonton)	Building Competency in Pediatric Head CT Interpretation.
1250-1310	Fellow	Soha Rached-d'Astous (Toronto)	Laceration repairs using intra-nasal ketamine: DosINK 2 clinical trial.
1310-1330	Fellow	Anne-Josée Côté (Calgary)	Family-reported experiences for the management of children in complex care or palliative care programs during an Emergency Department visit.

1330-1350 Stretch Break

Presentations (Block III): Monday, February 1st

Room 1			
1350-1410	Fellow	Anfal Taher (Montreal)	Can "virtual" simulation be equal or superior to standard simulations?
1410-1430	Fellow	Marie-Pier Lirette (Toronto)	International Study of Evidence-Based Management of Bronchiolitis.
1430-1450	Fellow	Fahad Masud (Ottawa)	The impact of the COVID-19 pandemic on the educational experience of pediatric emergency medicine subspecialty training.
1510-1530	Fellow	Sarah Johnson (Edmonton)	The impact of marijuana legalization on Albertan children and youth.
1530-1550	Fellow	Gloria Yoo (Calgary)	Accuracy of visual assessment in resuscitative ventilation: does point of view make a difference?
1550-1610	Fellow	Alexander Chase (London)	Adverse Events Associated with Pediatric Emergency Virtual Clinic Visits.

Room 2			
1350-1410	Fellow	Alexandra Trottier (Ste Justine)	LiPSTiCk Protocol: Lumbar Puncture Stylet Technique in Children; a randomized-controlled study
1410-1430	Fellow	Yousef Mandourah (Ottawa)	Cost of Waiting to Sedate.
1430-1450	Fellow	Andrea Sadoway (Halifax)	Pediatric Traumas in Nova Scotia: A 19-Year Retrospective Analysis.
1510-1530	Fellow	Sabrina Lue Tam (Toronto)	Bridging Care Gaps: Pediatric Dental Health.
1530-1550	Fellow	Steve Leung (Vancouver)	Scheduled outpatient care as an alternative to Emergency Department assessment: an exploration of family acceptability and preferences.

Monday, February 1st, 2021

<i>Time</i>	<i>Name</i>	<i>Business Topic</i>
1000-1400	PERC Research Coordinators Meeting	Meeting for the PERC Research Coordinators involved with completed and ongoing studies. Chaired by the current PERC Research Coordinator Representative, Candice McGahern. See meeting agenda on page 8.

Research Coordinators 2021 Virtual Annual Meeting

AGENDA

Date: Monday, February 1st, 2021

Time: 10:00 – 14:00 MT

Overall Learning Objective:

At the end of these sessions, all participants will acquire structured and interactive educational opportunities as well as:

- Create new knowledge through the dissemination of research involving clinical and epidemiological studies in pediatric emergency medicine.
- Enhance the image of pediatric emergency medicine as a credible academic discipline with its own research agenda.
- Develop cohesiveness between centers involved in the practice of pediatric emergency medicine.

NOTE: ALL TIMES ARE IN MOUNTAIN TIME

10:00 – 10:15	Opening Remarks and Introductions	Candice McGahern
10:15 – 11:00	Discussion and round table of current PERC studies by site <ul style="list-style-type: none">• Provide an open forum format from each site to discuss PERC studies due to start, currently enrolling and recently completed.• Ask questions and provide feedback.• Identify mentorship opportunities for the research projects enrolling at each site.	All Lead: Candice McGahern
11:00 – 11:15	Stretch Break	
11:15 – 12:15	iPCT SPOR 2020 Health Canada Audit <ul style="list-style-type: none">• Manasi Rajagopal and Tremaine Rowe will provide a summary of the 2020 iPCT SPOR Health Canada Audit and discuss the following:• Overview of the audit and describe the results.• Identify the stages involved in the preparation.• Assess what could have been done differently to save time when setting up a Health Canada trial.• Analyse the findings and what they learned from the experience.	Manasi Rajagopal (Edmonton) and Tremaine Rowe (CHEO)
12:15 – 12:30	Stretch Break	
12:30 – 13:15	Research During a Pandemic <ul style="list-style-type: none">• Describe recruitment strategies – what had to change and what was learnt.• Analyse remote working – identify challenges and advantages.• Describe methods to adapting to remote monitoring.	All Lead: Candice McGahern
13:15 – 14:00	Open forum to discuss various questions and/or issues	All Lead: Candice McGahern

Tuesday, February 2nd, 2021

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<i>Time</i>	<i>Name</i>	<i>Business Topic</i>
0830-0900	Roger Zemek	Welcome and an overview of 2020

<i>Time</i>	<i>Name</i>	<i>Business Topic</i>
0900-1000	David Johnson Fellows Research Award Finalists	<i>0900-0920 Elana Thau (Toronto)</i> <i>0920-0940 Kate Maki (Vancouver)</i> <i>0940-1000 Michael Buyck (Ste Justine)</i>

1000-1015 Stretch Break & David Johnson Award Judges Discussion

<i>Time</i>	<i>Name</i>	<i>Business Topic</i>
1015-1030	David Johnson Fellows Research Award Recipient Announcement	Dr. David Johnson will announce the 2021 Fellows Research Award Recipient.

Presentations: Tuesday, February 2nd, 2021

1030-1045	New	Rini Jain	Nitrous Oxide use in Canadian Pediatric Emergency Departments: a Description of Physician's Knowledge, Attitudes and Practices.
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1045-1100 Stretch Break

1100-1115	New	Suzanne Schuh	PERN Asthma Study
1115-1200	New	Stephen Freedman	<ul style="list-style-type: none"> - A National Pediatric SARS-CoV2, Emergency Department-Based Surveillance Study. - Household Transmission Dynamics and Viral Load among Asymptomatic SARS-CoV-2 Infected Children - Predicting Severe Pneumonia in the Emergency Department: A Global Study of the Pediatric Emergency Research Networks (PERN) - COVID-19 arm.

<i>Time</i>	<i>Name</i>	<i>Business Topic</i>
1200-1215	Terry Klassen Young Investigator Award Recipient Announcement	Dr. Terry Klassen announces the recipient of the 2021 Terry Klassen Young Investigator Award. This award is offered every two years.

1200-1230 Lunch Break

Presentations: Tuesday February 2nd, 2021

1230-1530	TREKK Network Meeting	Join the TREKK network for a virtual update. This meeting is open to all who have registered for the TREKK meeting online. The TREKK meeting creates opportunities for knowledge exchange between PERC and TREKK teams. At the end of these sessions, participants will be able to: discuss virtual education sessions, review upcoming parent tools, and summarize important work happening in Quebec. Open to everyone.
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Wednesday, February 3rd, 2021

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Presentations: Wednesday, February 3rd, 2021

0845-0900	Completed	Nathalie Gaucher	The Responsibility to Care: A qualitative Study of Emergency Workers' Experiences during the COVID-19 Pandemic in Canada
0900-0930	New	Serena Orr	A pilot clinical trial of a new neuromodulation device for acute migraine attacks in children and adolescents.
0930-1000	New	Garth Meckler	Intranasal Lidocaine for Pediatric Migraine: A Multicentre RCT.
1000-1015	Completed	Nathalie Gaucher	A survey of Canadian emergency physicians' experiences and perspectives during the COVID-19 pandemic.
1015-1030	Completed	Janet Curran	Emergency Department Technology Readiness Survey - PED-UCATE
1030-1045	Completed	Naveen Poonai	Practice patterns regarding anxiolysis during laceration repair in children in the emergency department: a multinational survey of paediatric emergency physicians.

1045-1115 Stretch Break

Time	Business Topic
1115-1130	Introduction of new PERC award

Keynote Speaker – Dr. Christine Chambers

1130-1215	Guest Speaker	Dr. Christine Chambers	From Evidence to Influence: Moving Children's Pain Research into Practice and Policy. <i>Session Learning Objectives:</i> At the end of this session, participants will be able to describe the need and importance of mobilization of research on children's pain into practice and policy and identify key components of effective knowledge mobilization.
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Dr. Christine Chambers is a clinical psychologist, Canada Research Chair (Tier 1) in Children's Pain and Killam Professor of Psychology & Neuroscience and Pediatrics at Dalhousie University. She is the Scientific Director of Solutions for Kids in Pain (SKIP), a national knowledge mobilization network, whose mission is to improve children's pain management by mobilizing evidence-based solutions through coordination and collaboration. She is also the Scientific Director of the Canadian Institutes of Health Research's Institute of Human Development, Child and Youth Health. Her research has been published in over 170 peer-reviewed articles and is aimed at improving the assessment and management of children's pain. She was identified by the Women's Executive Network as one of Canada's Top 100 Most Powerful Women and is a leader and innovator in patient engagement, partnerships, and research impact.

1215-1300 Lunch Break

Join us at 1230 MT for a fun pop quiz to be shown on the Zoom video!

Presentations: Wednesday, February 3rd, 2021

1300-1330	New	Brett Burstein	Derivation of a Novel Clinical Prediction Rule for Invasive Bacterial Infections Among Febrile Young Infants.
1330-1400	New	Lynne Moore	A Pan-Canadian Audit & Feedback Intervention For Pediatric Injury Care: Development And Pilot Implementation Study.

1400-1415 Stretch Break

1415-1500	Completed	Adrienne Davis & Ahmed Mater	Caregiver-Reported Delay in Presentation to Pediatric Emergency Departments for Fear of Contracting COVID-19: A multi-national cross-sectional study.
			Willingness to Vaccinate Children against Influenza after the Coronavirus Disease 2019 Pandemic.
			Caregiver willingness to vaccinate their children against COVID-19: cross sectional survey.

+++**Thursday, February 4th, 2021****All times are in Mountain Time****Special Interest Group Meetings: Thursday, February 4th, 2021**

0900-1000	Special Interest Group: Pain (Naveen Poonai & Samina Ali)
1000-1100	Special Interest Group: Women In Research (Samina Ali & Amy Plint)

1100-1130 Stretch Break**Presentations: Thursday, February 4th, 2021**

1130-1200	New	Gabrielle Freire	Improving paediatric trauma care in Canada: a translational research approach and plan.
1200-1230	New	Andrée-Anne Ledoux	Mindfulness-Based Intervention for Mild Traumatic Brain Injury in Youth.
1230-1300	New	Suzanne Schuh	Intravenous Magnesium in Emergency Therapy of Acute Asthma (IMAGINE) - a randomized clinical trial.

1300-1330 Stretch Break**Special Interest Group Meetings: Thursday, February 4th, 2021**

1330-1430	Special Interest Group: Quality Improvement (Jennifer Thull-Freedman)
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End of Conference**+++****Save the Date**

**The 2022 PERC Annual Meeting will be held between January 30th – February 3rd 2022
at the Fairmont Tremblant, Quebec, Canada**