



Canadian Pediatric Endocrine Group
Groupe canadien d'endocrinologie pédiatrique



2019 SCIENTIFIC MEETING

FEBRUARY 21 - 23, 2019

The Westin Ottawa
Ottawa, ON

In cooperation with



Interprofessional
Continuing
Education



GENERAL INFORMATION

LEARNING OBJECTIVES & PROGRAM

The overall learning objective of this meeting is to present the current state of knowledge of topics in pediatric endocrinology and diabetes.

Please note: 25% of the scientific program will be interactive.

REGISTRATION

ONLINE: The quickest, most secure method is registering online. Registration is available for Visa/MasterCard holders at the meeting organizer's website: www.interprofessional.ubc.ca/initiatives/cpeg2019

BY FAX: Fax your completed registration form to: 1-604-822-4835

PHONE REGISTRATION: Toll free within North America: 1-855-827-3112; other callers: 1-604-827-3112

MAIL: Send the registration form with cheque to this address:

IN 9565 REGISTRATION, Interprofessional Continuing Education, The University of British Columbia, Room 105-2194 Health Sciences Mall, Vancouver, BC, V6T 1Z3, Canada

Participants paying by credit card outside of North America: Please inform your credit card company of the transaction as some banks put a block on credit card payments made outside your country.

TUITION FEES & MEETING PROGRAM

Please see the registration form (last page) for details. The tuition fee includes meeting materials, reception, breakfast and lunch for Friday and Saturday, and a certificate of attendance. Registration for the dinner event on Friday will also be available at an extra cost. Pre-registration prior to January 19, 2019 is strongly recommended to take advantage of the early-bird rate. **To qualify for the CPEG active member's fee, one must have paid his/her 2019 membership dues prior to registration for this conference.** Please visit the CPEG website at www.cpeg-gcep.net to pay your CPEG membership fees.

We will be including presenter slides (if the presenter permits) in our meeting program. We will send this program to you electronically (for free) a few days prior to the meeting but if you wish to purchase the paper copy that will be distributed on-site, please select the \$20 option on the registration page.

CANCELLATION & REFUND POLICY

There will be a \$50 cancellation fee until January 21, 2019. After that, there will be a \$100 charge for cancellations up to two weeks prior to the conference (all fees incl. taxes). No refunds will be made for cancellations after February 8, 2019. However, if you wish to have an electronic copy of the CPEG Meeting Program with presentation slides, you may request to have it sent to you without an extra charge. For the full terms and conditions, please refer to: www.interprofessional.ubc.ca/initiatives/cpeg2019/registration. By registering for the meeting, you are agreeing to the terms and conditions listed on this page.

LOCATION

The meeting will be held at **The Westin Ottawa** (11 Colonel By Drive, Ottawa, ON). CPEG delegates will receive a special single/double occupancy rate of \$214.00/night + applicable taxes (traditional room), based on availability up until January 21, 2019.

CPEG is pleased to maintain its support of fellows in training and our nursing colleagues by offering two (2) nights* of accommodation to out-of-town fellows and out-of-town active CPEN nurses** who attend CPEG 2019. To submit your request, please visit www.interprofessional.ubc.ca/initiatives/cpeg2019/location-and-accommodation. Do not contact the hotel directly if you fall under these categories as UBC will complete the booking for you. You may submit your name for pairing to the meeting organizers, or you may submit as a pair of roommates for a hotel room (one form per pair). The deadline to submit the request for accommodation is January 21, 2019. We cannot guarantee availability of free accommodation after this date.

*CPEG is offering up to three (3) nights of accommodation to **out-of-town fellows travelling from Western Canada (Vancouver, Calgary, Edmonton) who are attending the Fellows Symposium** on Thursday, February 21, 2019. If you wish to extend your stay to three (3) nights, please make a note of this in your accommodations request.

If you are **NOT an out-of-town active CPEN nurse member or an out-of-town fellow, you will be responsible for booking your own room. To reserve a room by phone, call toll-free: 1.888.627.8528 or local: 613.560.7000 or click [HERE](#) and specify that you are booking under the Canadian Pediatric Endocrine Group to receive the reduced rates.

TRAVEL

Travel is not included in the registration fee. **For out-of-town active CPEN nurse members**, CPEG has committed a travel reimbursement of up to \$500/nurse. A travel expense form will be distributed to you at the meeting.

CREDITS

This event has been approved by the Canadian Paediatric Society for a maximum of 10.5 credit hours as an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada. The specific opinions and content of this event are not necessarily those of the CPS, and are the responsibility of the organizer(s) alone.

CONTACT

For additional enquiries, please contact Jo at 604-822-0054 or jo.ipce@ubc.ca.

SPONSORS

We would like to acknowledge with great appreciation the financial contributions through unrestricted educational grants from the following organizations:

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PROGRAM

THURSDAY February 21, 2019

12:00 CPEG Executive Business Meeting

ROOM:
New Brunswick

Fellows Symposium (for CPEG Fellows Only)

13:00 Welcome Provinces I

13:20 Going MENTAL: Overcoming your fear of Hereditary Endocrine Neoplasia Syndromes
Jonathan Wasserman, MD, PhD, Staff Endocrinologist, The Hospital for Sick Children; Assistant Professor, Department of Paediatrics, The University of Toronto, Toronto, Ontario Provinces I

1. Recognize specific diagnoses or patterns that raise concern for hereditary endocrine tumour syndromes
2. Identify and utilize available resources to guide pre-symptomatic surveillance and management of affected patients
3. Interpret genetic testing and apply genotype-phenotype relationships to guide care of affected individuals
4. Appreciate risks and ethical challenges associated with genetic testing and tumour surveillance as applied to these conditions

14:30 Refreshment Break Provinces I

14:50 Transition to Practice and Navigating the Job Market - Advice From A New Staff
Scott Somerville, MD, FRCPC, Pediatric Endocrinology Group, Children's Hospital of Eastern Ontario; Lecturer, Department of Pediatrics, The University of Ottawa, Ottawa, ON Provinces I

1. Describe classic and alternative routes to an academic position in endocrinology
2. Discuss additional strategies to increase value to a program
3. Explain new financial and management issues associated with becoming staff

15:50 Conclusion Provinces I

16:00 CPEG Registration Opens Confederation I/II
Foyer

17:00 Welcome Reception & Exhibits Confederation I

19:00 Adjourn

PROGRAM FRIDAY February 22, 2019

07:00- Registration
08:00 (Room: Provinces/Confederation I/II Foyer)
Breakfast & Exhibits
(Room: Confederation I)

08:00- Opening Remarks & Welcome
08:30 (Room: Confederation II)

Beth Cummings, MD, FRCPC, Scientific Chair, CPEG 2019 Scientific Meeting; Professor, Department of Pediatrics, Dalhousie University, Halifax, NS, Canada

Caroline Zuidwijk, MD, FRCPC, Pediatric Endocrinologist, Division of Endocrinology & Metabolism, Children's Hospital of Eastern Ontario; Assistant Professor, Department of Pediatrics, University of Ottawa, Ottawa, ON

Alice Boland, RN, Children's Hospital of Eastern Ontario, Ottawa, ON

Friday Poster Highlights

Each poster presenter will give a 1-minute & 1-slide presentation.

08:30- **THEME I: New Horizons in Pediatric Bone Diseases**

10:00 (Room: Confederation II)
Two Talks – 45 minutes each (including Q&A)

FGF23-Mediated Hypophosphatemia: From Discovery to Therapy

Leanne M. Ward, MD, FRCPC, Professor of Pediatrics, Research Chair in Pediatric Bone Health, University of Ottawa; Director, Pediatric Bone Health and Rare Bone Disease Clinical and Research Programs, Division of Endocrinology and Metabolism, Children's Hospital of Eastern Ontario, Ottawa, ON

1. Review the discovery of FGF23 as a phosphaturic hormone, and the mechanisms by which FGF23 regulates phosphate metabolism
2. Discuss the approach to the diagnosis of FGF23-mediated hypophosphatemic disorders
3. Summarize the latest research on conventional and novel FGF23-neutralizing antibody therapy for the treatment of x-linked hypophosphatemia

Diagnosing and Treating Osteoporosis in Children

Frank Rauch, MD, Shriners Hospital for Children, Professor of Pediatrics, McGill University, Montreal, QC

1. Discuss the use of bone densitometry for the assessment of pediatric osteoporosis
2. Recognize the role of molecular genetic testing in the diagnosis of pediatric osteoporosis
3. Compare the medical treatment options for pediatric osteoporosis



10:00- Break and Exhibits
10:30 (Room: Confederation I)

10:30- **THEME II: Adverse Childhood Experiences
12:00 and Endocrine Disease—Evidence and
Opportunities**

(Room: Confederation II)

Two Talks - 25 minutes & 10 minutes Q&A each

Adverse Childhood Experiences: Key determinants of metabolic health and treatment response among adolescents

Jon McGavock, PhD, CIHR Applied Public Health Chair, Associate Professor, Department of Pediatrics, Faculty of Health Sciences, University of Manitoba, Winnipeg, MB

1. Summarize the ACEs study and systematic reviews of adverse experiences in childhood and metabolic health later in life
2. Review the bio-psycho-social factors linking adverse experiences in childhood and metabolic disease
3. Review trauma-informed approaches to clinical management of chronic endocrine disorders in adolescence and young adulthood.

CPS and CPEG Working Together for Policy Change

Marie Adèle Davis, Executive Director, Canadian Paediatric Society, Ottawa, ON

1. Understand how CPS and CPEG can use ACES evidence to inform our joint advocacy efforts.
2. Discuss how to best engage policy makers to work for change that impacts children and youth.
3. Understand how to leverage partnerships to best influence governments and policy makers for positive change.

12:00- Poster Viewing (Room: Provinces II)
12:30

12:30- Lunch & Exhibits (Room: Confederation I)
13:30

Nurses split, see page 8

13:30- **THEME III: Complications of Diabetes**
15:00 (Room: Confederation II)
Two Talks - 45 minutes each (including Q&A)

Early Treatment of Adolescents using ACE-I and Statins: Insights from the Adolescent Diabetes Cardiorenal Intervention Trial (AddIT)

Farid H. Mahmud, MD, FRCPC, Associate Professor, Division of Endocrinology, Hospital for Sick Children and University of Toronto, Toronto, ON

1. Describe the onset and progression of diabetes related kidney disease during adolescence
2. Share the rationale and design of the AddIT study
3. Discuss the results of the AddIT trial
4. Reflect on the context of these data and future perspectives

Time to Shift Fluid Management in DKA

Sarah Lawrence, MD, FRCPC, Chief, Division of Endocrinology and Metabolism, Children's Hospital of Eastern Ontario; Associate Professor, Department of Pediatrics, University of Ottawa, Ottawa, ON

Mona Jabbour, MD, FRCPC, Co-director of Implementation for TREKK, Vice Chair, Department of Pediatrics, Children's Hospital of Eastern Ontario; Associate Professor, Department of Pediatrics, University of Ottawa, Ottawa, ON

1. Review the pathophysiology of pediatric DKA and cerebral injury
2. Describe new evidence from the PECARN FLUID trial supporting more aggressive fluid management in pediatric DKA
3. Demonstrate how this practice-changing evidence is being translated to emergency departments and pediatricians across the country

15:00- Break & Exhibits (Room: Confederation I)
15:30 & Poster Viewing (Room: Provinces II)

15:30- Oral Abstract Presentations (6)
17:00 (Room: Confederation II)

17:00 Adjourn



PROGRAM SATURDAY February 23, 2019

07:30- 08:00 Breakfast (Room: Confederation I)

08:00- 09:55 Business Meeting (Room: Confederation II)

09:55- 10:00 Fellowship Awards
Presented by Dr. Carol Huang

10:00- 10:30 Break and Exhibits
(Room: Confederation I)

10:30- 12:00 **THEME IV: Congenital Hypopituitarism and Septo-optic Dysplasia - The who, what, when and how?**
(Room: Confederation II)

1. Outline the genetics involved in congenital hypopituitarism.
2. Review the risk factors associated with the development of pituitary dysfunction in children with septo-optic dysplasia.
3. Describe the characteristics of children diagnosed with septo-optic dysplasia.

10:30- 11:15 **Sally Radovick, MD, Professor and Henry Rutgers Term Chair, Department of Pediatrics, Senior Associate Dean for Clinical and Translational Research, Robert Wood Johnson Medical School; Physician-in-Chief, Bristol Myers-Squibb Children's Hospital Chancellor's Scholar, Rutgers Biomedical and Health Sciences, Child Health Institute of New Jersey-Rutgers University, New Brunswick, NJ**

11:15- 11:30 **Shazhan Amed, MD, Investigator, BC Children's Hospital Affiliate of the Centre for Health Services and Policy Research, University of British Columbia, Vancouver, BC**

11:30- 11:45 **Brandy Wicklow, MD, Pediatric Endocrinologist at HSC Children's; Assistant Professor, Department of Pediatrics and Child Health, College of Medicine, University of Manitoba, Winnipeg, MB**

11:45- 12:00 Q&A for All Speakers

12:00- 12:15 Saturday Poster Highlights
(Room: Confederation II)
Each poster presenter will give a 1-minute & 1-slide presentation.

12:15- 12:45 Poster Viewing (Room: Provinces II)

12:45 - 13:30 Lunch & Exhibits (Room: Confederation I)

Nurses split, see page 8

13:30- 15:00 Oral Abstract Presentations (6)
(Room: Confederation II)

15:00- 15:30 Break & Exhibits (Room: Confederation I)
& Poster Viewing (Room: Provinces II)

15:30- 15:35 John Bailey Award (Room: Confederation II)
Presented by Dr. Laurent Legault

15:35- 16:35 **Debate: Be it resolved that the ketogenic diet is safe and effective in the management of pediatric type 1 diabetes**
(Room: Confederation II)

PRO: Caroline Zuijdwijk, MD, FRCPC, Pediatric Endocrinologist, Division of Endocrinology & Metabolism, CHEO; Assistant Professor, Department of Pediatrics, University of Ottawa, Ottawa, ON
CON: Julia von Oettingen, MD, Pediatric Endocrinologist, Montreal Children's Hospital, Montreal, QC

1. List the potential benefits of the ketogenic diet in the management of diabetes
 2. List the potential risks of the ketogenic diet in the management of diabetes
 3. Discuss how this can be applied to our management of children with type 1 diabetes
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16:35- 16:45 Closing Remarks & Evaluation
(Room: Confederation II)

16:45 Adjourn

NURSING PROGRAM

FRIDAY February 22, 2019

ROOM: Provinces I

13:30 Roundtable Discussion for Transgender Patients

14:15 Approach to Transgender Patients
Sebastien Pangallo, RSW, Children's Hospital of Eastern Ontario, Ottawa, ON
Debbie Turner, Children's Hospital of Eastern Ontario, Ottawa, ON

1. Teach each general knowledge of key terms in regards to gender nonconforming children and youth.
2. Gain a better understanding on how to best serve trans youth.

15:00 Break & Exhibits
(Room: Confederation I)

15:30 Motivational Interviewing with Adolescent Patients

Katie Frost, BA, Diploma in Coaching, University of Cambridge, Learning and Professional Development Coach. London, UK

At the end of the session delegates will understand:

- What Motivational Interviewing is and how it can help interactions with transgender patients and their families
- How to make use of Motivational Interviewing techniques to facilitate sensitive conversations and encourage adherence
- How to use the principles of Motivational Interviewing to make every interaction count

17:00 Adjourn

SATURDAY February 23, 2019

ROOM: Provinces I

13:30 CPEN AGM

15:35 Break & Exhibits
(Room: Confederation I)

15:35 Rejoin CPEG group

AFFILIATION / PROFESSION

(please select only one)

- Physician Registered Nurse Researcher
- Other: _____

- Resident
 Fellow
 Medical Student

In which training program? Please list below and provide an email/letter from your program director or supervisor to confirm this information.

DELEGATE INFORMATION

Please write in block letters and use one registration form per person. Please photocopy the form if needed.

- Dr. Mr. Ms.

Last Name		First Name	Initials
Institution / Organization			
Mailing Address			
City	Prov/State	Postal Code	
Daytime Telephone Number / Local		Email Address for Meeting Correspondence	

(If applicable) Please inform us of any dietary requirements for the meeting: _____

Yes, I will be attending the "Meet the Professor" event on Thursday, February 21 (for current/incoming CPEG Fellows only)

Yes, I will be attending the **dinner on Friday, February 22** (early bird rate \$40; see below for more rates)

REGISTRATION RATES

(Rates include all applicable taxes)

Complete registration received on/before:

	January 21, 2019	February 19, 2019	On-Site*
Evening Event at the National Arts Centre (Friday, February 22)	<input type="checkbox"/> \$40	<input type="checkbox"/> \$40	<input type="checkbox"/> \$90 (if available)
General Registration (Non-CPEG Members)	<input type="checkbox"/> \$415	<input type="checkbox"/> \$525	<input type="checkbox"/> \$605
CPEG Active Members**	<input type="checkbox"/> \$250	<input type="checkbox"/> \$330	<input type="checkbox"/> \$415
Resident/Fellow/Medical Student	<input type="checkbox"/> \$55	<input type="checkbox"/> \$165	<input type="checkbox"/> \$250
One-day Rate (please select the date)	<input type="checkbox"/> \$200	<input type="checkbox"/> \$230	<input type="checkbox"/> \$305
<input type="checkbox"/> Friday, February 22			
<input type="checkbox"/> Saturday, February 23			

*Registration received after February 19, 2019 is considered an on-site registration.

** Active members include: All paying members (if membership dues have been paid prior to registration), and all emeritus members. Please visit www.cpeg-gcep.net to pay your membership fees.

(Optional) CPEG Meeting Program: Hard copy with presenter slides (the electronic version will be sent to you free of charge) \$20

TOTAL _____

METHOD OF PAYMENT

Payment by Credit Card *Most secure and easy method*

- Complete the full registration online at www.interprofessional.ubc.ca with your Visa or MasterCard.
- Fax* the registration form to +1-604-822-4835 and indicate that you would like to pay with Visa or MasterCard. We will send you the secure online link to enter your credit card information.
- Register and pay over the phone: Local/International: +1-604-827-3112 or toll free within Canada/USA: +1-855-827-3112.

*Please do not fax your credit card information

Payment by Cheque

Please make your cheque payable to the University of British Columbia and send it along with this form to: Interprofessional Continuing Education, The University of British Columbia, Room 105-2194 Health Sciences Mall, Vancouver, BC V6T 1Z3.

Alternative Payment Methods

Mail or fax complete registration form along with one of the following:

- Signed purchase order (PO)
- Letter of Authorization (LOA) from the manager on the organization's letterhead stating that they will be paying the registration fees. Must include the amount of registration fees, name and contact information of the manager
- Signed cheque requisition form (ChReq)

Please indicate below how you would like to pay:

- Credit Card: Please email me a secure link to enter my credit card number
- Cheque: Payment is enclosed with mailed registration form
- PO/LOA/ChReq: Purchase order/letter of authorization/cheque requisition form is enclosed with faxed/mailed registration form