



CPEG  GCEP  
Canadian Pediatric Endocrine Group  
Groupe canadien d'endocrinologie pédiatrique

# 2018 **SCIENTIFIC MEETING**

February 22 - 24, 2018

Sheraton Vancouver Wall Centre Vancouver, BC

*In cooperation with*

 THE UNIVERSITY OF BRITISH COLUMBIA  
**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/cpeg2018](http://www.interprofessional.ubc.ca/initiatives/cpeg2018)

**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, 2018 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 2018 membership dues prior to registration for this conference.** Please visit the CPEG website at [www.cpeg-gcep.net](http://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 19, 2018. 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, 2018. 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/cpeg2018/registration](http://www.interprofessional.ubc.ca/initiatives/cpeg2018/registration). By registering to the meeting, you are agreeing to the terms and conditions listed on this page.

## LOCATION

The meeting will be held at the Sheraton Vancouver Wall Centre (1088 Burrard St., Vancouver, BC). CPEG delegates will receive a special single/double occupancy rate of \$159.00/night + applicable taxes (traditional room), based on availability up until January 21, 2018.

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 2018. To submit your request, please visit [www.interprofessional.ubc.ca/initiatives/cpeg2018/location-and-accommodation](http://www.interprofessional.ubc.ca/initiatives/cpeg2018/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, 2018. 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 Eastern Canada (Ontario-Newfoundland) who are attending the Fellows Symposium** on Thursday, February 22, 2018. 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 local: 604.331.1000 or toll free: 888.627.7058 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. Please refer to the travel expense claim form which will be emailed to you.

## CREDITS

This event has been approved by the Canadian Paediatric Society for a maximum of 8.75 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](mailto: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 22, 2018

12:00 CPEG Executive Business Meeting

ROOM:  
Chartroom (3rd floor)

### Fellows Symposium (for current/incoming CPEG Fellows Only)

13:00 Welcome & Lunch (provided) Port McNeill

13:20 Finishing Fellowship: Tips for Transition to Practice Port McNeill

**Mark Inman**, MD, FRCPC, Pediatric Endocrinologist, Department of Pediatrics, Royal University Hospital; Clinical Assistant Professor, University of Saskatchewan, Saskatoon, SK, Canada

1. List important steps to consider during the completion of your fellowship to pave the way for a successful transition to practice
2. Be able to apply various strategies for successful employment in pediatric endocrinology
3. Compare various practice options and be able to identify key factors that may influence your decision-making process when considering job opportunities

14:20 Refreshment Break Port McNeill

14:50 Endocrine Care of Trans Youth Port McNeill

**Dan Metzger**, MD, Investigator, BC Children's Hospital; Pediatric Endocrinologist, BC Children's Hospital; Clinical Professor, Division of Endocrinology, Department of Pediatrics, University of British Columbia, Vancouver, BC, Canada

1. Describe the spectrum and variety of gender identity and expression you will encounter in your training
2. Practice care in accordance with the 2017 Endocrine Society guidelines for treating gender dysphoria in adolescents
3. Recognize the importance of a trans-friendly approach in all aspects of medical care

15:50 Conclusion Port McNeill

16:00 CPEG Registration Opens Grand Ballroom CD & Foyer

17:00 Welcome Reception & Exhibits Grand Ballroom CD

19:00 Adjourn

# PROGRAM

## FRIDAY February 23, 2018

07:00- Registration  
08:00 (Room: Grand Ballroom CD & Foyer)  
Breakfast & Exhibits  
(Room: Grand Ballroom CD & Foyer)

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08:00- Opening Remarks & Welcome  
08:30 (Room: Grand Ballroom AB)

**Beth Cummings, MD, FRCPC, Scientific Chair, CPEG 2018 Scientific Meeting; Professor, Department of Pediatrics, Dalhousie University, Halifax, NS, Canada**

**Susan Murphy, RN, BScN, Endocrine Clinic, BC Children's Hospital, Vancouver, BC, Canada**

**Brenden E. Hursh, MD, MHSc, FRCPC, Pediatric Endocrinologist, Endocrinology and Diabetes Unit, BC Children's Hospital; Clinical Assistant Professor, UBC, Vancouver, BC, Canada**

### Poster Highlights

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

08:30- **THEME I: Obesity**

10:00 (Room: Grand Ballroom AB)  
Two Talks – 45 minutes each (including Q&A)

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### Bugs at the Dinner Table: The Role of the Gut Microbiome in Obesity and Metabolic Syndrome

**Nikhil Pai, MD, Assistant Professor, Department of Pediatrics, Division of Gastroenterology and Nutrition, McMaster University, Hamilton, ON, Canada**

1. Briefly review the relationship between the intestinal microbiome and obesity
2. Discuss animal and clinical evidence supporting the role of gut bacteria in the development of Type II Diabetes
3. Describe the interaction between intestinal microbiota and non alcoholic fatty liver disease

### Severe Early-Onset Obesity: Genetic Causes and How to Diagnose Them

**William T. Gibson, MD, PhD, FRCPC, FCCMG, Associate Professor, Department of Medical Genetics and Genomics, University of British Columbia; Senior Clinician Scientist, BC Children's Hospital, Vancouver, BC, Canada**

1. List five genetic tests useful in the workup of a suspected monogenic/oligogenic obesity disorder
  2. Discuss signs in the physical examination that would indicate a monogenic obesity disorder is likely
  3. List five paediatric-onset obesity disorders for which specific treatments are available
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10:00- Break and Exhibits

10:30 (Room: Grand Ballroom CD & Foyer)



10:30- **THEME II: Cancer**  
11:40 (Room: Grand Ballroom AB)  
Two Talks – 25 minutes & 10 minutes Q&A each

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### Fertility After Childhood Cancer: Possibilities for Improving Success

**Sheila Pritchard, MD, FRCPC, Clinical Associate Professor, Division of Hematology and Oncology, Department of Pediatrics, University of British Columbia; Pediatric Oncologist/Hematologist, BC Children's Hospital, Vancouver, BC, Canada**

1. Review mechanisms that can adversely affect fertility in survivors of childhood cancer
2. Review methods of fertility prediction
3. Review available and potential future technologies for fertility preservation in this population

### Endocrine Late Effects of Childhood Cancer Therapy: What We Know and What We Still Need To Learn

**Stacey Urbach, MD, MPH, FRCPC, Division of Endocrinology, The Hospital for Sick Children; Assistant Professor, Department of Paediatrics, University of Toronto, Toronto, ON, Canada**

1. Describe the endocrine late effects experienced by childhood cancer survivors
  2. Utilize an exposure-based approach to the management of endocrine disorders in survivors of childhood cancer
  3. Apply this approach to exposures for which we have limited late effects information
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11:40- Poster Walk  
12:15 (Room: Grand Ballroom CD & Foyer)

12:15- Lunch & Exhibits  
13:30 (Room: Grand Ballroom CD & Foyer)

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**Nurses split, see page 8**

13:30- **THEME III: Diabetes**  
15:00 (Room: Grand Ballroom AB)  
Two Talks – 45 minutes each (including Q&A)

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### Cystic Fibrosis Related Diabetes Mellitus (CFRD): A Common Rare Disease

**Katie Larson Ode, MD, Clinical Associate Professor, Pediatric Endocrinology and Diabetes, University of Iowa Stead Family Children's Hospital, Iowa City, IA, USA**

1. Appreciate that diabetes is very common in people with cystic fibrosis
2. Understand how CFRD is unique from Type 1 and Type 2 diabetes mellitus
3. Practice CFRD care that is consistent with official Cystic Fibrosis Foundation (CFF) guidelines

### Metabolic Effects of Antipsychotic Treatment in Children with Mental Health Conditions

**Dina Panagiotopoulos, MD, FRCPC, Pediatric Endocrinologist; Investigator, Canucks for Kids Fund Childhood Diabetes Laboratories, BC Children's Hospital; Clinical Professor, Division of Endocrinology, Department of Pediatrics, University of British Columbia, Vancouver, BC, Canada**

1. Briefly describe the epidemiology of second-generation antipsychotic (SGA) prescribing practices in North America
  2. Summarize the literature on the metabolic effects of SGAs
  3. Describe a multi-disciplinary approach including evidence-based guidelines and resources for monitoring and management of these metabolic complications while recognizing the complex inter-relationship between mental health and metabolic risk
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15:00- Break & Exhibits  
15:30 (Room: Grand Ballroom CD & Foyer)

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15:30- Oral Abstract Presentations (6)  
17:00 (Room: Grand Ballroom AB)

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**Evening Event at The Boathouse**  
(1305 Arbutus St, Vancouver, BC)  
Transportation will be provided.

18:00 Cocktail Reception  
19:00 Dinner and Professional Improv Show by Vancouver TheatreSports



# PROGRAM

## SATURDAY February 24, 2018

07:30- 08:00 Breakfast (Room: Grand Ballroom CD)

08:00- 10:00 Business Meeting (Room: Grand Ballroom AB)  
Fellowship Awards  
Presented by Dr. Celia Rodd

10:00- 10:30 Break and Exhibits  
(Room: Grand Ballroom CD & Foyer)

10:30- 12:00 **THEME IV: Laboratory Conundrums**  
(Room: Grand Ballroom AB)  
Case-Based Presentations & Featured Presentation

**Dan Holmes, MD, FRCPC**, Clinical Professor, Pathology and Laboratory Medicine, University of British Columbia; Division Head, Clinical Chemistry, St. Paul's Hospital, Vancouver, BC, Canada

1. Learn how mass spectrometry has affected endocrine practice - applications to thyroglobulin, steroids and insulin
2. Discuss challenges in the use of common endocrine tests including cortisol and thyroid function tests
3. Describe the nuances in the laboratory work-up to determine the cause of insulin-induced hypoglycemia

12:00- 13:00 Lunch & Exhibits  
(Room: Grand Ballroom CD & Foyer)

13:00- 13:20 Poster Walk  
(Room: Grand Ballroom CD & Foyer)

**Nurses split, see page 8**

13:30- 15:00 Oral Abstract Presentations (6)  
(Room: Grand Ballroom AB)

15:00- 15:30 Break & Exhibits  
(Room: Grand Ballroom CD & Foyer)

15:30- 15:35 John Bailey Award (Room: Grand Ballroom AB)  
Presented by Dr. Laurent Legault

15:35- 16:35 Debate: Be It Resolved That Growth Hormone Should Be Used in the Treatment of Children with Idiopathic Short Stature (ISS)  
(Room: Grand Ballroom AB)

**PRO: John VanderMeulen, MD, FRCPC**, Division Head, Professor, Department of Pediatrics, Division of Endocrinology, McMaster University, Hamilton, ON, Canada

**CON: Mark Palmert, MD, PhD**, Associate Chair of Pediatrics (Ambulatory Care), Head, Division of Endocrinology, The Hospital for Sick Children, Toronto, ON, Canada

1. Define idiopathic short stature
2. List the pros of treating individuals with idiopathic short stature with growth hormone
3. List the cons of treating individuals with idiopathic short stature with growth hormone

16:35- 16:45 Closing Remarks & Evaluation  
(Room: Grand Ballroom AB)

16:45 Adjourn



# NURSING PROGRAM

**FRIDAY** February 23, 2018

ROOM: Port McNeill

13:30 Mindful Awareness and Resilience Skills for Adolescents

*Sabrina Gill, RN, BSN, Nurse Clinician, Division of Adolescent Medicine, BC Children's Hospital, Vancouver, BC, Canada*

*Joanna McDermid, MD, FRCPC, Consulting Psychiatrist BC Children's Hospital, UBC Department of Psychiatry Clinical Instructor, Vancouver, BC*

15:00 Break & Exhibits  
(Room: Grand Ballroom CD & Foyer)

15:30 Alternative and Emerging Therapies Promoted for the Treatment of Prader-Willi Syndrome: Clinical Necessity, Economic Burden, Hope or Hype?

*Irena Hozjan, RN, BScN, MN NP-Pediatrics Nurse Practitioner, Endocrine Program, The Hospital for Sick Children, Toronto ON, Canada*

16:15 Group Discussion: Challenging Cases (with a focus on Prader-Willi Syndrome)

16:45 Wrap-up and Evaluations

17:00 Adjourn

**SATURDAY** February 24, 2018

ROOM: Port McNeill

13:30 CPEN AGM

15:00 Break & Exhibits  
(Room: Grand Ballroom CD & Foyer)

15:30 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 22 (**for current/incoming CPEG Fellows only**)
- Yes**, I will be attending the **dinner on Friday, February 23** (early bird rate \$35; see below for more rates)

## REGISTRATION RATES

(Rates include all applicable taxes)

Complete registration received on/before:

	January 19, 2018	February 19, 2018	On-Site*
Evening Event at The Boathouse (Friday, February 23)	<input type="checkbox"/> \$35	<input type="checkbox"/> \$35	<input type="checkbox"/> \$90 (if available)
General Registration (Non-CPEG Members)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$475	<input type="checkbox"/> \$550
CPEG Active Members**	<input type="checkbox"/> \$225	<input type="checkbox"/> \$300	<input type="checkbox"/> \$375
Resident/Fellow/Medical Student	<input type="checkbox"/> \$50	<input type="checkbox"/> \$150	<input type="checkbox"/> \$225
One-day Rate (please select the date)	<input type="checkbox"/> \$180	<input type="checkbox"/> \$235	<input type="checkbox"/> \$275
<input type="checkbox"/> Friday, February 23			
<input type="checkbox"/> Saturday, February 24			

\*Registration received after February 19, 2018 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](http://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](http://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