

# LET'S END DIABETES



## 2021 PROFESSIONAL CONFERENCE

NOV 23-26, 2021  
VIRTUAL CONFERENCE

CONFERENCE PROGRAM

## OVERALL CONFERENCE LEARNING OBJECTIVES

At the end of this conference, I will be able to:

- Integrate into my practice knowledge and skills gained from the sharing of Canadian and international research and clinical studies
- Discuss recent advances in the diagnosis and treatment of diabetes, endocrine and metabolic conditions and diseases
- Compare and contrast core concepts, new advances and clinical experiences

## ACCREDITATION STATEMENT:

The 2021 Diabetes Canada/CSEM Professional Conference is an accredited group learning activity under Section 1 as defined by the Maintenance of Certification (MOC) program of the Royal College of Physicians & Surgeons of Canada (RCPSC). It is approved by CSEM for a maximum of 19 credits. This program was co-developed and planned with CSEM and Diabetes Canada to achieve scientific integrity, objectivity and balance. Through an agreement between the RCPSC and the American Medical Association (AMA), physicians may convert RCPSC MOC credits to AMA PRA Category 1 Credits™. More information on the process to convert RCPSC MOC credits to AMA credits can be found at <https://edhub.ama-assn.org/pages/applications>.

Live educational activities occurring in Canada, recognized by the RCPSC as accredited group learning activities (Section 1), are deemed by the European Union of Medical Specialists (UEMS) to be eligible for ECMEC®.

College of Family Physicians of Canada (CFPC) affiliate members (members whose specialty is not family medicine) may count RCPSC credits toward their Mainpro+ credit requirements. All other CFPC members and non-member Mainpro+ participants may claim up to 50 certified credits per cycle for participation in RCPSC MOC Section 1 accredited activities.



# PLANNING COMMITTEES

## ALLIED HEALTH SECTION



Allied Health  
Section Co-Chair

◀ **Kerry Mansell, BSP, PharmD, MBA**

Kerrie Abel, MSW, RSW  
Lisa Brothers Yetman, BSc, RD, CDE  
Steve Chalifoux, BScN, CDE  
J.M. Gamble, BScPharm, PhD  
Cynthia Keith, PDt, MAHN, CDE  
Gail MacNeill, RN, BNSc, MEd, CDE  
Anne McLaughlin, PDt, CDE  
Leta Philip, BScN, RN, CDE  
Kim Young, RD, MSH, CDE

### **Special Interest Group (SIG) Chairs**

Zaina Albalawi, MD, MSc, FRCPC  
Julia Bannister, MSW, RSW, CDE  
Ariane Godbout, MD, FRCPC  
Susie Jin, RPh, CDE, CRE  
Jill Middlemiss, RD, CDE  
Sarah Moore, NP, MN, PhD

## SCIENTIFIC SECTION



Scientific  
Section Co-Chair

◀ **Christine Doucette, PhD**

### **Clinical Science Sub-Committee**

Sonia Butalia, MD, FRCPC, MSc  
Daniel Fuller, PhD  
Claudia Gagnon, MD  
Mahua Ghosh, MBBS, PhD, FRCPC  
Jeremy Gilbert, MD, FRCPC  
Anthony Hanley, PhD  
James Kim, MBBCh, PgDip (Diabetes)  
Eyal Kraut, MD, FRCPC

Anna Lam, MD, MSc  
Lorraine Lipscombe, MD, MSc  
Brandy Wicklow, MD  
Jane Yardley, PhD

### **Basic Science Sub-Committee**

Robin Duncan, PhD  
Pedro-Miguel Geraldès, PhD  
James Johnson, PhD

Dan Luciani, PhD  
Francis Lynn, PhD  
Erin Mulvihill, PhD  
Jonathan Schertzer, PhD  
Peter Thompson, PhD  
Bruce Verchere, PhD  
Scott Widenmaier, PhD

## INDIGENOUS SCIENCE AND CONTENT SECTION



Indigenous Science  
and Content  
Co-Chair

◀ **Dale Steinhauer**

Linda Diffey, MSc, PhD(c)  
Denise Lambert  
Jeff LaPlante

Taylor Morriseau, PhD(c)  
Julianne Sanguins, RN, PhD

## CSEM SECTION



CSEM Section  
Co-Chair

◀ **Stan Van Uum, MD, PhD, FRCPC**

Sara Awad, MD  
Jean-Patrice Baillargeon, MD, FRCPC  
Isabelle Bourdeau, MD, FRCPC  
Jeremy Gilbert, MD, FRCPC  
Sabrina Gill, MD, FRCPC  
Andrea Haqq, MD, MHS, FRCPC, FAAP  
Catherine Kelly, MD, MSc, FRCPC

Heather Lochnan, MD, FRCPC  
Katherine Morrison, MD, FRCPC  
Ralf Paschke, MD, PhD  
Nicole Pun, MD  
Elizabeth Rosolowsky, MD, FRCPC  
Naomi Severin, MD, FRCPC  
Churn-Ern Yip, MD, FRCPC

# NATIONAL ABSTRACT REVIEW PANEL

## ALLIED HEALTH SECTION

Kerrie Abel, MSW, RSW  
Zaina Albalawi, MD, MSc, FRCPC  
Julia Bannister, MSW, RSW, CDE  
Lisa Brothers Yetman, BSc, RD, CDE  
J.M. Gamble, BScPharm, PhD

Ariane Godbout, MD, FRCPC  
Susie Jin, RPh, CDE, CRE  
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Anne McLaughlin, PDt, CDE

Jill Middlemiss, RD, CDE  
Sarah Moore, NP, MN, PhD  
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Kim Young, RD, MSH, CDE

## SCIENTIFIC SECTION

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Anthony Hanley, PhD

Jim Johnson, PhD  
James Kim, MBBCh, PgDip (Diabetes)  
Eyal Kraut, MD, FRCPC  
Anna Lam, MD, MSc  
Lorraine Lipscombe, MD, MSc  
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Erin Mulvihill, PhD

Jonathan Schertzer, PhD  
Peter Thompson, PhD  
Bruce Verchere, PhD  
Brandy Wicklow, MD  
Scott Widenmaier, PhD  
Jane Yardley, PhD

## INDIGENOUS SCIENCE AND CONTENT SECTION

Linda Diffey, MSc, PhD(c)

Taylor Morriveau, PhD(c)

Julianne Sanguins, RN, PhD

## CSEM SECTION

Jean-Patrice Baillargeon, MD, FRCPC  
Isabelle Bourdeau, MD, FRCPC

Jeremy Gilbert, MD, FRCPC  
Catherine Kelly, MD, MSc, FRCPC

Ralf Paschke, MD, PhD  
Elizabeth Rosolowsky, MD, FRCPC

**The 2021 Diabetes Canada/CSEM Professional Conference abstracts will be available online at [www.canadianjournalofdiabetes.com](http://www.canadianjournalofdiabetes.com).**

# FEATURED SPEAKERS

## DIABETES CANADA SPEAKERS



- ▶ **PLENARY LECTURE 1**  
**Racism in Health-Care Systems**  
Jennifer Moore-Rattray (Winnipeg, Manitoba)  
Date: Tuesday, November 23, 2021  
Time: 11:45 – 12:45 ET



- ▶ **PLENARY LECTURE 2**  
**History and Story of Insulin, and How Far We Have Come and Where We Are Heading**  
Dr. Bernard Zinman (Toronto, Ontario)  
Date: Wednesday, November 24, 2021  
Time: 10:45 – 11:45 ET



- ▶ **ISABEL LOCKERBIE ADDRESS**  
**Life Is Sweet**  
Shawn Shephard (Pickering, Ontario)  
Date: Wednesday, November 24, 2021  
Time: 16:00 – 16:45 ET



- ▶ **PLENARY LECTURE 3**  
**The Onward Journey From Insulin, Islets, Stem Cells and Beyond for Cell Therapy in Diabetes**  
Dr. James Shapiro (Edmonton, Alberta)  
Date: Thursday, November 25, 2021  
Time: 10:45 – 11:45 ET

## CSEM SPEAKERS

### WOMEN'S REPRODUCTIVE HEALTH SYMPOSIUM

Dr. Maria E. Trent (Maryland, USA), Dr. Anne-Marie Carreau (Quebec City, Quebec), Dr. Margaret E. Wierman (London, Ontario)  
Date: Friday, November 26, 2021  
Time: 10:30 – 12:00 ET

### GLUCOCORTICOID-INDUCED OSTEOPOROSIS IN CHILDREN AND ADULTS

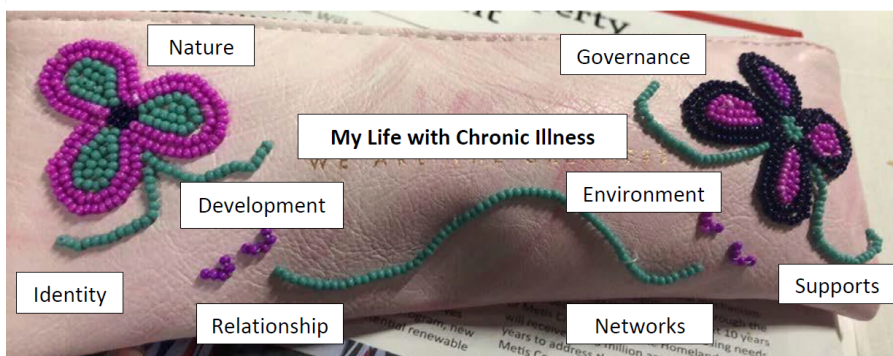
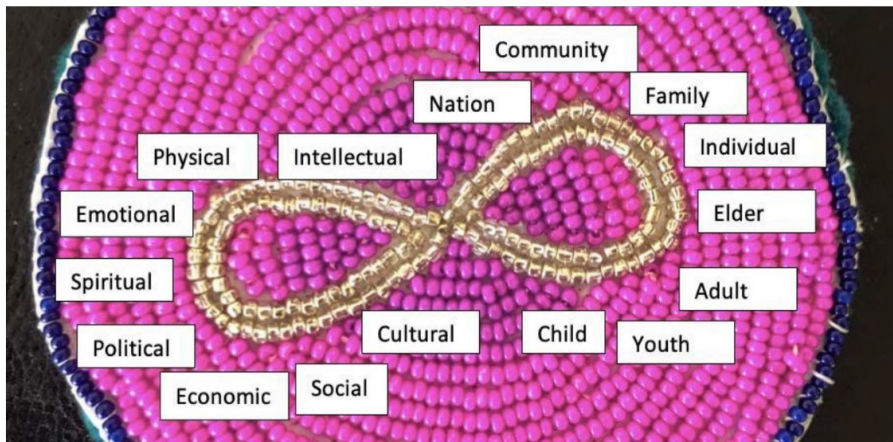
Dr. Leanne Ward (Ottawa, Ontario), Dr. Rick Adachi (Hamilton, Ontario)  
Date: Friday, November 26, 2021  
Time: 12:15 – 13:00 ET



# TRIBUTE TO OUR INDIGENOUS ARTISTS



**Artist 1:** Linda Diffey — A member of Peepeekisis Cree Nation in the Treaty 4 region and a committee member of the Indigenous Science and Content Committee for the Professional Conference. [https://videos.files.wordpress.com/cxwapW0g/diffey\\_video\\_final\\_hd.mp4](https://videos.files.wordpress.com/cxwapW0g/diffey_video_final_hd.mp4)



**Artist 2:** Valdine Alycia — A two-spirit Red River Métis living in northern Manitoba with a disabling chronic illness.



**Artist 3:** Will Goodon — Red River Métis, Manitoba Métis Federation Minister of Housing, aspiring artist.



# PROGRAM

Session learning objectives and conflict of interest disclosures can be found at [dcanconference.ca](https://dcanconference.ca).

## MONDAY, NOVEMBER 22, 2021

11:00 – 15:45

### **Diabetes Canada & Diabetes Action Canada Trainee Day**

Theme: Plan Your Journey: From Publishing Your Science to Developing Your Career

11:00 – 17:15

### **CSEM 15th Annual Endocrine Residents' Day Review Course**

Faculty representative: Dr. Breay Paty (Vancouver, British Columbia)

Resident representative: Dr. Nicole Pun (Toronto, Ontario)

## TUESDAY, NOVEMBER 23, 2021: INDIGENOUS SCIENCE AND CONTENT STREAM

11:30 – 12:45

### **Opening Remarks**

#### **Plenary Lecture 1: Racism in Health-Care Systems**

Speaker: Jennifer Moore-Rattray (Winnipeg, Manitoba)

14:00 – 14:45

### **Session 2: Food Mobilization Efforts in the Wapekeka First Nation: A Pandemic Response to the Ongoing Food Security Crisis**

Speakers: Dr. Michael Robidoux (Ottawa, Ontario); Keira Loukes (Ottawa, Ontario)

13:00 – 13:45

### **Lunch/Networking/Exhibits**

#### **Co-Developed Accredited Lunch — Obesity Management in Your Practice: Simple Recommendations to Improve Patient Case—Obesity Pharmacotherapy**

Faculty: Dr. Jeffery Habert; Dr. Sue Pedersen

15:00 – 15:45

### **Networking/Exhibits**

#### **Co-Developed Accredited Symposium — Hybrid Closed-Loop Technology: A Reviewed Role for the Diabetes Health-Care Team**

Faculty: Dr. Shahzan Amed; Dr. Alexander Abitbol; Michelle Chrisp; Dr. Céline Huot

## WEDNESDAY, NOVEMBER 24, 2021: ALLIED HEALTH STREAM

9:00 – 10:00

### **Diabetes Canada Lifetime Achievement Award: Lecture**

Award Recipient: Dr. Mary-Ellen Harper (Ottawa, Ontario)

12:00 – 12:45

### **Session 3: Myth vs Truth: The Safety Profile of Anti-Hyperglycemic Agents**

Chair: Dr. Kerry Mansell (Saskatoon, Saskatchewan)

Speaker: Dr. J.M. Gamble (Waterloo, Ontario)

10:45 – 11:45

### **(First 10-15 minutes opening with Indigenous Elder)**

#### **Plenary Lecture 2: History and Story of Insulin, and How Far We Have Come and Where We Are Heading**

Chair: Dr. Kerry Mansell (Saskatoon, Saskatchewan)

Speaker: Dr. Bernard Zinman (Toronto, Ontario)

### **Session 4: Obesity Management for Solo Practitioners and Multidisciplinary Teams**

Chair: Susie Jin (Cobourg, Ontario)

Speaker: Dr. Sean Wharton (Hamilton, Ontario)

### **Session 5: Heavenly Sweet Talk: The Impact of Meaning and Purpose on COVID 19, Diabetes Distress and Clinician Burnout**

Chair: Julia Bannister (Fredericton, New Brunswick)

Speaker: Dr. Barry Simon (Toronto, Ontario)

## Session 6: Hormonal Changes Throughout the Adult Lifespan and Their Effects on Diabetes

Chair: Cynthia Keith (Lower Sackville, Nova Scotia)

Speakers: Dr. Jennifer Yamamoto (Winnipeg, Manitoba); Dr. Adam Millar (Toronto, Ontario)

13:00 – 13:45

## Lunch/Networking/Exhibits

### Co-Developed Accredited Lunch — Expanding the Understanding of Incretins in Type 2 Diabetes: The Role of Dual GIP-GLP-1 Agonism

Speakers: Dr. Julie Lovshin; Dr. Alice Y.Y. Cheng; Dr. Daniel Ngui; Lisa Maks; Dr. Mahua Ghosh

14:00 – 14:50

## Allied Health Oral Abstract Session 1

Chair: Leta Philip (Calgary, Alberta)

1. Speakers: Barbara MacDonald, Rebecca Sovdi; Honouring the Stories and Experiences of Indigenous Peoples With Diabetes Through Trauma-Informed Care
2. Speaker: Dr. Paul Beamish; Patient Perspectives on Virtual Care for Diabetes Management in the Era of COVID-19
3. Speaker: Melanie Mainville; Self-Foot Screen for Patients to Prevent Diabetic Foot Ulcers During a Pandemic

## Allied Health Oral Abstract Session 2

Chair: Susie Jin (Cobourg, Ontario)

1. Speaker: Alexandria Ratzki-Leewing; COVID-19 Impact on Diabetes Management
2. Speaker: Karine Paiement; Does Having Better Knowledge on Type 1 Diabetes Management Associated With Lower Reported Hypoglycemic Risk During and After Physical Activity?
3. Speaker: Nancy Wu; Types of Social Support Offered Through a Virtual Peer Support Network in Youth With Type 1 Diabetes

## Allied Health Oral Abstract Session 3

Chair: Cynthia Keith (Lower Sackville, Nova Scotia)

1. Speaker: Piraveena Piremathasan; Diabetes and Technology: The Dietitian's Perspective on Nutrition Therapy in the Virtual World
2. Speaker: Megan Kean; Policy Reform to Support Insulin Injections in Nova Scotia Schools: A 3I Analysis
3. Speaker: Shaily Brahmhatt; Improving Diabetes Care and Outcomes in Hemodialysis Patients: An Endocrinology Quality Improvement Initiative

## Allied Health Oral Abstract Session 4

Chair: Dr. Zaina Albalawi (St. John's, Newfoundland)

1. Speaker: Jahnnavi Patel; A Scoping Review of Foot Screening in People With Diabetes Mellitus Across Canada
2. Speaker: Dr. Peter Senior; Connect1dCanada Validation Study in Patient-Driven Design to Accelerate Research in Type 1 Diabetes
3. Speaker: Dr. Roseanne Yeung; Starting the Process of Quality Improvement in Edmonton's Tertiary Diabetes Clinics: Getting Our Data Ducks in a Row
4. Speaker: Helene Gardiner; Validation of Short-Term Projection of Diabetes Prevalence Using the Canadian Chronic Disease Surveillance System

15:00 – 15:45

## Session 7: Diabetes and Technology

Chair: Leta Philip (Calgary, Alberta)

Speaker: Cecilia Hamming (Regina, Saskatchewan)

## Session 8: Improving Care for Women With Diabetes and Pregnancy Across the Life Course and in Remote Australia

Chair: Dr. Ariane Godbout (Montreal, Quebec)

Speaker: Dr. Louise Maple-Brown (Casuarina, Australia)

## Session 9: Nutrition for Wellness

Chair: Kim Young (Calgary, Alberta)

Speakers: Piraveena Piremathasan (Montreal, Quebec); Jennifer Brown (Kanata, Ontario)

## Session 10: CPG Update

Chair: Susie Jin (Cobourg, Ontario)

Speaker 1: Dr. Peter Senior (Edmonton, Alberta)

Speaker 2: Dr. Harpreet Bajaj (Toronto, Ontario)

16:00 – 16:45

## Isabel Lockerbie Address

Chair: Dr. Kerry Mansell (Saskatoon, Saskatchewan)

Speaker: Shawn Shephard (Pickering, Ontario)

17:00 – 17:45

## Networking/Exhibits

### Co-Developed Accredited Symposium — Cardiorenal Protection in Diabetes

Speakers: Christine Lapointe; Dr. Akshay Jain; Dr. Veronica Silva; Dr. Robert Goldberg

## THURSDAY, NOVEMBER 25, 2021: SCIENTIFIC STREAM

9:00 – 10:00

### **Diabetes Canada and CIHR INMD – Early Career Researcher Partnership Award (formerly called the Young Scientist Award): Lecture**

Award Recipient: Dr. Francis Lynn (Vancouver, British Columbia)

10:45 – 11:45

### **(First 10-15 minutes opening with Indigenous Elder)**

### **Plenary Lecture 3: The Onward Journey From Insulin, Islets, Stem Cells and Beyond for Cell Therapy in Diabetes**

Chair: Dr. Christine Doucette (Winnipeg, Manitoba)

Speaker: Dr. James Shapiro (Edmonton, Alberta)

12:00 – 12:45

### **Session 11: Diabetes and Pregnancy**

Chair: Dr. Ariane Godbout (Montreal, Quebec)

Speakers: Dr. Camille Powe (Massachusetts, USA); Dr. Luigi Bouchard (Sherbrooke, Quebec)

### **Session 12: Beta-Cell Stress and Dysfunction in Diabetes**

Chair: Dr. Peter Thompson (Winnipeg, Manitoba)

Speakers: Dr. Amelia Linnemann (Indianapolis, USA); Dr. Scott Soleimanpour (Ann Arbor, Michigan, USA)

### **Session 13: Neonatal Diabetes and MODY**

Chair: Dr. Sonia Butalia (Calgary, Alberta)

Speakers: Dr. Anna Gloyn (Palo Alto, California, USA); Dr. Siri Greeley

### **Session 14: The Mechanistic Microbiome**

Chair: Dr. Jonathan Schertzer (Hamilton, Ontario)

Speakers: Dr. Fernando Forato (Hamilton, Ontario); Dr. Tony Lam (Toronto, Ontario)

13:00 – 13:45

### **Lunch/Networking/Exhibits**

### **Co-Developed Accredited Lunch — Diabetes Jeopardy “Live”: Exploring Hot Topics Symposium**

Host: Dr. Peter Lin

Contestants: Dr. Ilana Halperin; Dr. Akshay Jain; Dr. Thomas Ransom; Dr. Kevin Hamming

14:00 – 14:50

### **Scientific Oral Abstract Session 1**

Chair: Dr. James Kim (Calgary, Alberta)

1. Speaker: Dr. David Campbell; First-Line Pharmacotherapy for Incident Type 2 Diabetes: Prescription Patterns, Adherence, and Associated Costs
2. Speaker: Dr. Peter Lin; Incorporating Treatment Pauses, Dosing Flexibility, and Education to Support GLP-1RA Therapy Persistence
3. Speaker: Rawel Sidhu; Participant-Directed Intervention Tailoring is Associated With Improvements in Glycemic Control for South Asian Adults With Type 2 Diabetes
4. Speaker: Dr. Tina Nham; Offspring Birthweight and Long-Term Risk of Maternal Diabetes

### **Scientific Oral Abstract Session 2**

Chair: Dr. Dan Luciani (Vancouver, British Columbia)

1. Speaker: Nathalie Juvet; Impact of the PGC-1 $\alpha$  Gly482Ser Polymorphism on Mouse Metabolism
2. Speaker: Taylor Morriveau; The HNF-1 $\alpha$ G319S Variant Shifts  $\beta$ -cell Metabolism Towards Fat Oxidation in MIN6  $\beta$ -cells and Mouse Islets
3. Speaker: Ji Soo Yoon; Profiling Calcium-Dependent Gene Expression and Identifying Functional Diversity in Human Islet Cell Types
4. Speaker: George Brownrigg; Sex Differences in  $\beta$ -cells Endoplasmic Reticulum Stress Response

### **Scientific Oral Abstract Session 3**

Chair: Dr. Francis Lynn (Vancouver, British Columbia)

1. Speaker: May Akl; Mechanistic Insight Regarding How NRF1 and NRF2 Protect Against Non-Alcoholic Steatohepatitis
2. Speaker: Dr. Pegah Poursharifi; Suppression of ABHD6 Promotes Healthy Expansion of Adipose Tissue in Obesity
3. Speaker: Kalsha Diaguarachchige De Silva; Female Renal Tubule-Specific Adipose Triglyceride Lipase Knockout Mice Develop Glucose Intolerance With Advancing Age
4. Speaker: Cassandra Locatelli; Metabolic and Cardiovascular Impact of Ketotic Extreme Carbohydrate Restriction

### **Scientific Oral Abstract Session 4**

Chair: Dr. Jane Yardley (Camrose, Alberta)

1. Speaker: Dr. Thomas Hawke; Impaired Function and Altered Morphology in the Skeletal Muscles of Adult Men and Women With Type 1 Diabetes
2. Speaker: Lindsay Pallo; ProlAPP1-67 Measurement in Type 1 Diabetes: A Novel  $\beta$ -cell Biomarker?
3. Speaker: Dr. Evan Lewis; Physical Activity and Nerve Structure and Function in Patients With Longstanding Type 1 Diabetes
4. Speaker: Daniel Scarr; Ketogenesis and Ketone Excretion Before and After Empagliflozin Use in Type 1 Diabetes

15:00 – 15:45

## **Session 15: Lipoprotein Metabolism and Diabetes**

Chair: Dr. Scott Widenmaier (Saskatoon, Saskatchewan)  
Speakers: Dr. Changting Xiao (Saskatoon, Saskatchewan); Dr. Erin Mulvihill (Ottawa, Ontario)

## **Session 16: Sex Differences in Diabetes**

Chair: Dr. Claudia Gagnon  
Speakers: Dr. Elizabeth Rideout (Vancouver, British Columbia); Dr. Michaela Devries-Aboud (Waterloo, Ontario)

## **Session 17: Diabetes in the Elderly**

Chair: Dr. Lorraine Lipscombe (Toronto, Ontario)  
Speakers: Dr. Iliana Lega (Toronto, Ontario); Dr. Joshua Niznik (Chapel Hill, USA)

## **Session 18: Diabetes Remission: Using Nutrition vs. Pharmacotherapy**

Chair: Dr. Jeremy Gilbert (Toronto, Ontario)  
Speakers: Sean McKelvey (Vancouver, British Columbia); Dr. Hertz Gerstein (Hamilton, Ontario)

16:00 – 16:45

## **Session 19: Hormonal Control of Obesity**

Chair: Dr. Erin Mulvihill (Ottawa, Ontario)  
Speakers: Dr. Jon Campbell (North Carolina, USA); Dr. James Johnson (Vancouver, British Columbia); Dr. Rachel Batterman (London, United Kingdom)

## **Session 20: Beyond Primary Prevention: The Role of Cities in Reducing the Burden of Diabetes at the Population Level**

Chair: Dr. Daniel Fuller (Saskatoon, Saskatchewan)  
Speakers: Dr. Sarah Mah (Toronto, Ontario); Dr. David Napier (London, United Kingdom)

# **FRIDAY, NOVEMBER 26, 2021: CSEM STREAM**

10:00 – 10:30

## **CSEM Poster Viewing**

Please visit the posters and ask questions of the presenters.

10:30 – 12:00

## **Welcome and Overview of the CSEM Scientific Program**

Dr. Stan Van Uum; Co-chair DC/CSEM Professional Conference; CSEM President-Elect

## **Session 21: Microvascular Complications**

Chair: Dr. Brandy Wicklow (Winnipeg, Manitoba)  
Speakers: Dr. Pedro Geraldès (Sherbrooke, Quebec); Dr. Allison Dart (Winnipeg, Manitoba)

## **Session 22: The Non-Endocrine Cells of the Islet and Their Role in Diabetes**

Chair: Dr. Bruce Verchere (Vancouver, British Columbia)  
Speakers: Dr. Heather Denroche (Vancouver, British Columbia); Dr. Sara Nunes Vasconcelos (Toronto, Ontario)

17:00 – 17:45

## **Networking/Exhibits**

## **Co-Developed Accredited Symposium — Reflecting on the Partnership Between Primary Care and Endocrinologists**

Speakers: Dr. Zubin Punthakee; Dr. Upender Mehan; Joyce M. Arsenault

18:35 – 19:20

## **Session 23: 100 Years of Insulin: Accelerating Canadian Discoveries to Defeat Diabetes initiative**

Chair: Dr. Christine Doucette (Winnipeg, Manitoba)  
Speakers: Dr. Josef Penninger (Vancouver, British Columbia); Dr. Andrew Paterson (Toronto, Ontario); Dr. Alison McManus (Kelowna, British Columbia); Dr. Sylvie Lesage (Montreal, Quebec); Dr. Marie-Pierre Dube (Montreal, Quebec); Dr. Maria Cristina Nostro (Toronto, Ontario); Dr. Andrew C. Carpentier (Sherbrooke, Quebec); Dr. Kaberi Dasgupta (Montreal, Quebec); Dr. Jennifer Bruin (Ottawa, Ontario)

## **Session 24: Women's Reproductive Health Symposium**

Chair: Dr. Sabrina Gill

1. Speaker: Dr. Maria E. Trent (Maryland, USA); Polycystic Ovary Syndrome in Adolescence
2. Speaker: Dr. Anne-Marie Carreau (Quebec City, Quebec); Polycystic Ovary Syndrome & Non-Alcoholic Steatohepatitis
3. Speaker: Dr. Margaret E. Wierman (London, Ontario); Testosterone in Post-Menopausal Women

12:00 – 12:15

## **Lunch/CSEM Poster Viewing**

Please visit the posters and ask questions of the presenters.



12:15 – 13:00

## **Session 25: Glucocorticoid-Induced Osteoporosis in Children and Adults**

1. Speaker: Dr. Leanne Ward (Ottawa, Ontario); Challenging Cases of Children on Chronic High Doses of GC Transitioning to Adulthood
2. Speaker: Dr. Rick Adachi (Hamilton, Ontario); Management of Glucocorticoid-Induced Osteoporosis in Adults

13:00 – 13:45

## **Co-Developed Accredited Symposium — What's Your Take? A Multidisciplinary Approach to Using GLP-1RAs in Diabetes**

Speakers: Dr. Amel Arnaout, Dr. Tara Sedlak, Dr. Jeffrey Habert, Susie Jin, Dr. Anne-Marie Carreau

13:45 – 14:00

## **Networking/Exhibits/Clinical Conversation**

14:00 – 15:00

## **CanDIPS Debate: We Should Lower the Fasting Targets for Gestational Diabetes From 5.3 to 5.0 mmol/L**

Pros: Dr. Rachel Bond (Montreal, Quebec); Cons: Dr. Jennifer Yamamoto (Winnipeg, Manitoba)

Chair: Dr. Ariane Godbout (Montreal, Quebec)

14:00 – 15:30

## **Resident Clinical Vignettes/Research Projects Session**

Chair: Dr. Breay Paty (Vancouver, British Columbia)

1. Speaker: Dr. Wei Wang; Alpelisib-Induced DKA and Successful Discontinuation of Insulin Within Two Weeks of Resolution
2. Speaker: Dr. Alexa Clark; An Evaluation of Virtual Care for Gestational Diabetes Using the Quadruple Aim Framework: Assessment of Patient and Provider Experience, Cost and Clinical Outcomes
3. Speaker: Dr. Charlotte Rosen; Cardiac Metastases From a Follicular Variant of Papillary Thyroid Carcinoma Presenting as Acute Chest Pain in a 53-Year-Old Male
4. Speaker: Dr. Valerie Lai; First Report of Type II Diabetes Mellitus in an Adult With HMG-CoA Lyase Deficiency Associated With Hyperammonemia
5. Speaker: Stefanie Parisien-La Salle; Genetic Dissection of Primary Aldosteronism in a Patient With Multiple Endocrine Neoplasia Type 1 (MEN1) and Concomitant Ipsilateral Adrenocortical Carcinoma and Adenoma
6. Speaker: Dr. Madeline Edwards; Insulin Reactions: What Do You Do When Your Treatment's the Trigger?
7. Speaker: Dr. Paul Beamish; Milk Alkali Syndrome as a Rare Cause of Severe Hypercalcemia in Twin Gestation
8. Speaker: Dr. Ariane De Villers-Lacasse; Specific Medical Therapies of Excess Steroidogenesis in a Patient With Primary Bilateral Macronodular Adrenal Hyperplasia

15:30 – 15:45

## **Networking/Exhibits/Clinical Conversation**

15:45 – 16:45

## **Session 26: 2021 Canadian Cardiovascular Society Guidelines for the Management of Dyslipidemia for the Prevention of Cardiovascular Disease in the Adult**

Chair: Dr. Naomi Severin

Speaker: Dr. Robert Hegele (London, Ontario)

# AWARDS

**Congratulations to the award winners! We hope that you can join us for the award presentations on Wednesday, November 24, 2021 – 18:30 ET.**



**Diabetes Canada and CIHR  
INMD – Early Career  
Researcher Partnership  
Award:  
Francis Lynn, PhD**



**Lifetime Achievement  
Award:  
Mary-Ellen Harper, PhD**



**Gerald S. Wong Service  
Award:  
Ronald M. Goldenberg,  
MD FRCPC FACE**



**LifeScan Diabetes Educator  
of the Year Award:  
Susie Jin,  
RPh CDE CRE**



**Brian Dufton Award:  
Maria Isabella (Marisa)  
Creator, MSc PhD**



**LifeScan Chapter of the Year  
Award:  
Northeast  
British Columbia  
(Chair: Louise LeFebvre)**



**CanDIPS  
Award of Excellence:  
Erin Joanne Keely,  
MD FRCPC**



**CDECB Award of Excellence:  
Cynthia D Keith,  
Pdt CDE**



**Thyroid Foundation of  
Canada Research Award:  
Ralf Paschke,  
MD PhD**



**Dr. Robert Volpé  
Distinguished Service  
Award:  
Daniel L. Metzger,  
MD FAAP FRCPC**



**Dr. Harvey Guyda Educator  
of the Year Award:  
Jeremy Gilbert,  
MD FRCPC**

# EXHIBITOR LIST

Abbott
AstraZeneca Canada
Bayer Inc.
BD
Canadian Diabetes Prevention Program (CDPP)
Canadian Society of Endocrinology & Metabolism (CSEM)
Dexcom
Diabetes Canada
Egg Farmers of Canada
Eli Lilly Canada Inc Boehringer Ingelheim (Canada) Ltd
HLS Therapeutics Inc. & Pfizer Canada ULC

Insulet Canada
Janssen Inc.
LifeScan - maker of the OneTouch brand
Lifestyle Hearing Corporation
Medtronic
Novo Nordisk Canada Inc.
Roche Diabetes Care
SaskCanola
Tandem Diabetes Care, Inc.
We are Sanofi Diabetes Canada
Ypsomed Diabetescare Canada

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**Building/concept description:**

Designed as a space where new research and state-of-the-art technologies and treatments are to be presented, this virtual 600 ft by 400 ft conference centre hosts the 2021 Diabetes Canada/CSEM Professional Conference.

The centre's structure is comprised of 100 large mass timber columns and trusses, symbolizing the 100th anniversary of the discovery of insulin—the only effective treatment today for type 1 diabetes—and now symbolically serving as the support and foundation on which the conference centre and research are built today.



The integration of natural materials such as wood and natural daylight into the project were an essential part of the design process, ensuring the health and well-being of both the environment and its users. Showcasing the design and sustainable approach to large-scale wood buildings, the centre acts as a development forward into the new and forthcoming technologies/treatments of the future by offering a welcoming environment for all.

**Catherine Daigle:**  
Catherine Daigle is a first-year Master's of Architecture student at the McEwen School of Architecture and has generously volunteered her time in the designing of the 2021 Diabetes Canada/CSEM Professional Conference lobby space. Below is a link to some of her other works: <https://www.catherine-daigle.com/>



An older man and woman are walking along a paved path in a wooded area. The man, on the left, is wearing a blue and yellow plaid shirt, khaki pants, glasses, and a watch. He is holding a black smartphone and looking at it with a smile. The woman, on the right, is wearing a white quilted vest over a blue long-sleeved shirt, blue jeans, and black shoes. She is also smiling and looking at the phone. Both are wearing backpacks. The background consists of trees and foliage.

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INSULIN  
100



A photograph of three children playing outdoors. In the foreground, a young boy with dark hair, wearing a green and blue plaid shirt, is looking down at a yellow object he is holding. Behind him, a young girl with dark, curly hair and bangs, wearing a grey tank top, is looking up and smiling, holding a small white cup with a red ring and a green object. To her right, another child is partially visible, holding a large, clear bubble. The background is a soft-focus green, suggesting a park or garden setting.

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