

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 Geraldles, 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
Cynthia Keith, PDt, MAHN, CDE
Gail MacNeill, RN, BNSc, MEd, CDE
Anne McLaughlin, PDt, CDE

Jill Middlemiss, RD, CDE
Sarah Moore, NP, MN, PhD
Leta Philip, BScN, RN, CDE
Kim Young, RD, MSH, CDE

SCIENTIFIC SECTION

Sonia Butalia, MD, FRCPC, MSc
Robin Duncan, PhD
Daniel Fuller, PhD
Claudia Gagnon, MD
Pedro-Miguel Geraldès, PhD
Mahua Ghosh, MBBS, PhD, FRCPC
Jeremy Gilbert, MD, FRCPC
Anthony Hanley, PhD

Jim Johnson, PhD
James Kim, MBBCh, PgDip (Diabetes)
Eyal Kraut, MD, FRCPC
Anna Lam, MD, MSc
Lorraine Lipscombe, MD, MSc
Dan Luciani, PhD
Francis Lynn, PhD
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.

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

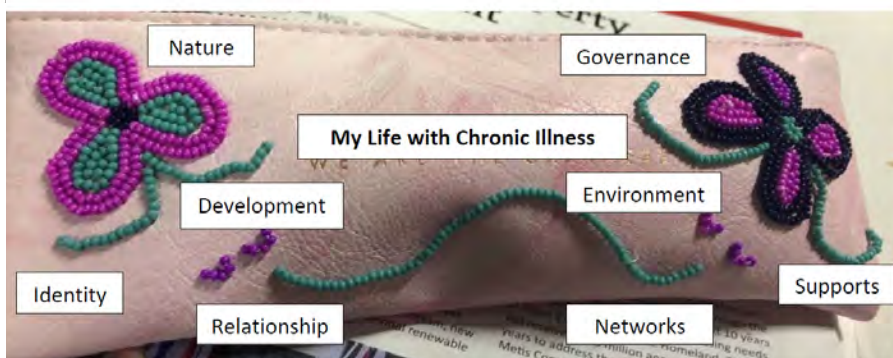
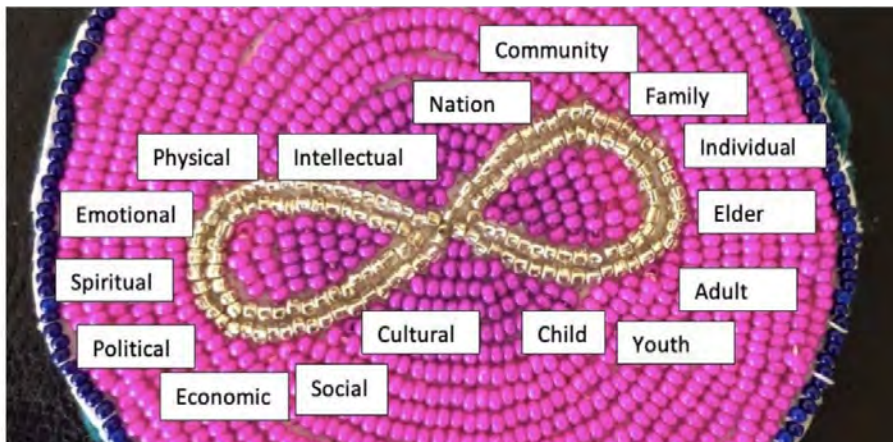
GLUCOCORTICOID-INDUCED OSTEOPOROSIS IN CHILDREN AND ADULTS

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



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.

Session learning objectives and conflict of interest disclosures can be found at 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 α Gly482Ser Polymorphism on Mouse Metabolism
2. Speaker: Taylor Morriveau; The HNF-1 α G319S Variant Shifts β -cell Metabolism Towards Fat Oxidation in MIN6 β -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 β -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 β -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**



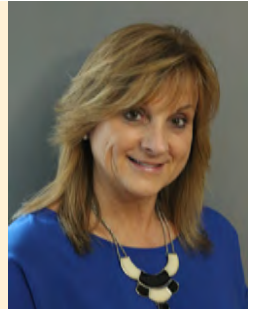
**Brian Dufton Award:
Maria Isabella (Marisa)
Creator, MSc PhD**



**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

.....

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/>



**WE'RE HELPING PEOPLE
WITH DIABETES LEAD
HEALTHIER, HAPPIER LIVES.**

VISIT THE **ABBOTT BOOTH** FOR MORE INFORMATION.





Creating a future where disease is a thing of the past.

We are Janssen, the Pharmaceutical Companies of Johnson & Johnson. Bold thinkers. Big dreamers. Fearless advocates on behalf of patients. So that one day, the world's most daunting diseases will be found only in the pages of history books.

Janssen Inc.



19 Green Belt Drive
Toronto, Ontario
M3C 1L9

vx210042
© 2021 Janssen Inc.
www.janssen.com/canada

The image depicted contains models
and is being used for illustrative purposes only.

janssen

PHARMACEUTICAL COMPANIES OF
Johnson & Johnson

Two Founders Two Companies One Goal

To improve the health
of people living with diabetes and
cardiovascular disease



Boehringer
Ingelheim

Lilly

Diabetes can be
complicated.

We can help.

Lilly

Lilly

Medtronic

Discussing a century of discovery and the next 100



100 years ago, the discovery of insulin revolutionized healthcare.

We are proud of our role in delivering innovation for Type 1 diabetes, and we know there's much more to do.

Join the conversation about **the future of healthcare innovation** by tuning into **The Next 100**, hosted by Neil Fraser.

Available on **Apple, Spotify & Google Podcast apps.**

As exciting as it is to commemorate the 100-year anniversary of the discovery of insulin in Canada, what's even more exhilarating is what we're doing today to making the next 100 even better. ***We Will.***



COMMITTED TO THE NEXT 100 YEARS.

All trademarks owned by Novo Nordisk, A/S and used by Novo Nordisk, Canada, Inc. Novo Nordisk Canada Inc., Tel (905) 629-4222 or 1-800-465-4334. www.novonordisk.ca
© Novo Nordisk Canada Inc.

NovoNordisk.ca

INSULIN
100

A photograph of three children playing outdoors. In the foreground, a boy in a green plaid shirt is looking down at a yellow object. In the center, a girl with dark curly hair and a grey tank top is looking up and blowing a bubble with a red ring. To her right, another child in an orange shirt is also blowing a bubble. The background is a soft-focus green, suggesting a park or garden setting.

Empowering Life



SANOFI

[sanofi.ca](https://www.sanofi.ca)

I'M A CSEM MEMBER BECAUSE...



ADAM MILLAR

"CSEM enables me to stay connected with my endocrine peers across Canada, whether it be through engagement in national committees, interaction at conferences, or getting friendly clinical advice from experts in their fields."



NICOLE PUN

"I value being part of a community that prioritizes continuing education and camaraderie among endocrinologists, trainees, and interprofessional colleagues across the country!"

NETWORKING

BUILD YOUR CAREER. Connect with your colleagues at conferences, on committees, and be the first to know about the latest job and locum postings.

ADVOCACY

BE INFORMED. Keep up to date on medication shortages and safety issues, guideline reviews, and QI initiatives that are essential to your practice and impact patient care.

ACCREDITED CPD

STAY CURRENT. Discuss patient cases and emerging research with your colleagues during free education sessions.

RESEARCH GRANTS

FUND YOUR RESEARCH. Apply for awards such as the Thyroid Foundation of Canada Research Award (\$50,000 for 2 years) or the Young Investigator Award (\$20,000).

STAY CONNECTED AND CURRENT WITH A CSEM MEMBERSHIP.



JOIN CSEM TODAY!

WWW.ENDO-METAB.CA

Canadian Society of Endocrinology and Metabolism • 192 Bank St., Ottawa, ON K2P 1W8 • 613-594-0005

THE 2021 DIABETES CANADA/CSEM PROFESSIONAL CONFERENCE HAS RECEIVED GRANTS FROM THE FOLLOWING SUPPORTERS:

Lead Supporters



Boehringer
Ingelheim



Visionary Supporters



Contributor Supporters



HLS Therapeutics®



BD

Advancing the
world of health

Insulet Corporation



ATTEND
IN-PERSON OR
VIRTUALLY!

SAVE THE DATE

Diabetes Canada/CSEM Professional Conference

November 9-12, 2022 | Calgary, Alberta

WANT TO LEARN ABOUT ADVANCEMENTS IN DIABETES TREATMENT AND CARE?

Diabetes Canada/CSEM invites you to attend our Professional Conference where health-care professionals will:

- **LEARN** about significant advancements in diabetes research
- **ACCESS** more than 50 dynamic, innovative education sessions
- **ENGAGE** with industry leading experts
- **EXPAND** professional networks with over 1,500 attendees
- **EARN** continuing professional development credits

REGISTRATION OPENS EARLY 2022!
diabetes.ca/professionalconference

