

UNIVERSITY DIABETES OUTREACH PROGRAMME (UDOP)

in collaboration with

**Glasgow-Caribbean Centre for Development Research
&
McGill University**

presents

The 30th Annual International Diabetes Conference

Theme:

Improving Care and Research Priorities in Diabetes

April 24-25, 2025

Virtual platform

PROGRAMME

Thursday, April 24, 2025

9:00 a.m. - 9:15 a.m.	Welcome & Opening Remarks	Chair: Prof. Simon Anderson, PhD, MPhil, MSc, MBBCh, MRCP, FESC, FRCP(UK) Professor of Population Health Sciences & Cardiovascular Medicine Director, The George Alleyne Chronic Disease Research Centre Caribbean Institute for Health Research (CAIHR) The University of the West Indies, Barbados Co-Director, Glasgow-Caribbean Centre for Development Research The University of the West Indies, Barbados
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First Scientific Session

The Sir Alister McIntyre Distinguished Lecture

Innovations in Diabetes Treatment and Management

Chair: **Prof. Simon Anderson, PhD, MPhil, MSc, MBBCh, MRCP, FESC, FRCP(UK)**

9:30 a.m. - 10:30 a.m.	New advances in management of Type 1 and Type 2 diabetes in pregnancy: Anti-diabetics, Hypoglycemics, Insulin analogs, delivery systems and pregnancy outcomes	Prof. E. Albert Reece, MD, PhD, MBA, FACOG Former Dean of Medicine & University Executive VP The Distinguished University/Endowed Professor and Director, CARTI; Senior Scientist, Center for Birth Defects Research University of Maryland School of Medicine, USA
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Second Scientific Session

Sponsor: Glasgow-Caribbean Centre for Development Research

Current and Future Directions in Genetic Research for Diabetes

Chair: **Prof. William Cushley, OBE, PhD**
Assistant Vice-Principal International
Professor of Molecular Immunology
Co-Director - Glasgow-Caribbean Centre for Development Research (GCCDR)
United Kingdom

10:30 a.m. - 11:30 a.m.	How do genes impact diabetes diagnosis and management?	Inês Barroso, PhD Professor of Diabetes Exeter Centre of Excellence for Diabetes Research (EXCEED) University of Exeter Medical School
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11:30 a.m. - 12:00 p.m.

VIEWING OF EXHIBITS & NETWORKING

Third Scientific Session

Psychosocial Aspects of Diabetes Management

Chair: **Shelly McFarlane, PhD (Epidemiology)**
Senior Lecturer
Tropical Metabolism Research Unit
Caribbean Institute for Health Research
The University of the West Indies, Mona

12:00 p.m. - 12:30 p.m.	The Impact of Diabetes on Mental Health	Winston De La Haye, MD, MPH, DM, ICAP Consultant Psychiatrist University Hospital of the West Indies Mona, Jamaica
12:30 p.m. – 1:00 p.m.	The Impact of Community Outreach and Peer Support in Diabetes Management	Alverston Bailey, MBBS, FCCFP Senior Lecturer Caribbean School of Medical Sciences Jamaica

Fourth Scientific Session

The Future of Diabetes Care: Digital Health and Telemedicine

Chair: **Prof. E. Albert Reece, MD, PhD, MBA, FACOG**

1:00 p.m. - 2:00 p.m.	The Impact of Mobile Health Apps and Wearable Technology on Diabetes Self-Management	Terika McCall, PhD, MPH, MBA Assistant Professor Biostatistics Department Yale School of Medicine, USA
2:00 p.m. - 2:30 p.m.	The role of AI and big data in personalized diabetes management	Jason Toppin, BA, MBBS, DM, MS Director, Critical Care University Hospital of the West Indies, Jamaica

2:30 p.m. - 3:00 p.m.

VIEWING OF EXHIBITS & NETWORKING

Friday, April 25, 2024

Fifth Scientific Session

The Sir Philip Sherlock Distinguished Lecture

Advancing Diabetes Research: From Bench to Bedside

Chair: ***Prof. Simon Anderson, PhD, MPhil, MSc, MBBCh, MRCP, FESC, FRCP(UK)***

9:00 a.m. - 10:00 a.m.	Artificial Intelligence and Machine Learning	<i>Patrice Francis-Emmanuel, MBBS, DM (Int Med.), FACP</i> Consultant Internist & Endocrinologist, UHWI Associate Lecturer The University of the West Indies, Mona Campus
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Sixth Scientific Session

Diabetes and Cardiovascular Health: new break throughs

Chair: ***Prof. Simon Anderson, PhD, MPhil, MSc, MBBCh, MRCP, FESC, FRCP(UK)***

10:00 a.m. - 10:30 a.m.	Technological innovations in Cardiovascular monitoring for diabetes	<i>Lisa Chin-Harty, MBBS</i> The University of the West Indies, Mona
10:30 a.m. - 11:00 a.m.	Emerging Cardio protective Therapies for Diabetes	<i>Sonia Anand, MD, PhD, FRCPc</i> Professor of Medicine & Epidemiology Associate Vice President Global Health Faculty of Health Sciences McMaster University, Canada

11:00 a.m. - 11:30 a.m.

VIEWING OF EXHIBITS & NETWORKING

Seventh Scientific Session

Sponsor: Abbott Labs

The Role of Nutrition and Lifestyle in Diabetes Prevention and Control

Chair: ***Prof. Dalip Ragoobirsingh, BSc, MPhil, PhD, FRSPH***
Professor, Medical Biochemistry & Diabetology
Director, UWI (Mona) Diabetes Education Programme
Department of Basic Medical Sciences
The University of the West Indies, Mona

11:30 a.m. - 12:00 p.m.	Type 2 Diabetes Prevention, Control and Reversal: The Adventist Healthstyle and the Blue Zone Model	<i>Prof. E. Albert Reece, MD, PhD, MBA, FACOG</i>
12:00 p.m. - 12:30 p.m.	Enhancing Muscle Health and Nutrition Care in People with Obesity	<i>Carley Rusch, PhD, RDN, LDN</i> Medical Science Liaison Medical Affairs & Research Nutrition Division of Abbott

Eighth Scientific Session

The Hon. Errol Morrison Distinguished Lecture

Multidisciplinary Approaches to Diabetes Care

Chair: **Prof. Dalip Ragoobirsingh, BSc, MPhil, PhD, FRSPH**
Professor, Medical Biochemistry & Diabetology
Director, UWI (Mona) Diabetes Education Programme
Department of Basic Medical Sciences
The University of the West Indies, Mona

12:30 p.m. - 1:00 p.m. Integrating Primary Care, Endocrinology
and Specialty Services in Diabetes Management

Adrian Heald, BM, BCh, FRCP, MRCPsych, DM
Consultant Physician - Diabetes and Endocrinology
Salford Royal Hospital, UK

Ninth Scientific Session

Health Policies and Advocacy for Diabetes Care: Overcoming obstacles

Chair: **Georgiana Gordon-Strachan, PhD**
Director
Tropical Metabolism Research Unit
Caribbean Institute for Health Research
University of the West Indies, Mona

1:00 p.m. - 1:30 p.m. Strengthening National and Global Diabetes Policies

Tamu Davidson
Head, Non-Communicable Disease Unit
Ministry of Health, Jamaica

Tenth Scientific Session

Complications of Diabetes: Prevention and Early Detection in the new millennium - an overview

Chair: **Donna Braham, DM, MSc (Derm)**
Consultant Physician
The University of the West Indies, Mona

1:30 p.m. - 2:00 p.m. The Rising Threat of Diabetic Foot Syndrome:
Prevention and Multidisciplinary Care

Prof. Edward Jude
Consultant Physician/Diabetologist
University of Manchester, UK

Eleventh Scientific Session

The Most Hon. Hugh Lawson Shearer Memorial Lecture

Addressing Diabetes in Special Populations: Are we prepared?

Chair: *Prof. The Most Hon. Denise Eldemire Shearer, MBBS, PhD, CD*
Director, Mona Ageing and Wellness Centre
The University of the West Indies, Mona

2:00 p.m. - 3:00 p.m.	Diabetes in the Elderly: Tailoring Care to Manage Multiple Comorbidities	<i>Prof. Edward Jude</i> Consultant Physician/Diabetologist University of Manchester, UK
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Panel Discussion

Chair: *Prof. E. Albert Reece, MD, PhD, MBA, FACOG*

Priorities for diabetes management and research - can the Caribbean keep pace?

3:00 p.m. - 4:30 p.m.	Panelists:	<i>Prof. Edward Jude</i> <i>Dr. Sonia Anand</i> <i>Dr. Adrian Heald</i> <i>Dr. Tamu Davidson</i> <i>Dr. Patrice Francis-Emmanuel</i>
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4:30 p.m. - 4:40 p.m.	CLOSING REMARKS	<i>Alverston Bailey, MBBS, FCCFP</i>
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4:40 p.m. - 5:30 p.m.	<i>VIEWING OF EXHIBITS & NETWORKING</i>
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