

DIABETES
ACROSS THE
LIFECOURSE:
NORTHERN
AUSTRALIA
PARTNERSHIP



My Story. Our Journey. Diabetes is Everyone's Business

**Illustrations created by digital artist Charlotte Allingham, a young Wiradjuri woman living in inner Naarm (Melbourne).*

2020 VIRTUAL ANNUAL EDUCATIONAL SYMPOSIUM

Menzies School of Health Research Auditorium

JMB Building (Building 58), RDH Campus

Friday 23rd October, 2020

8 AM - 1 PM (ACST) & via ZOOM



Program - Session 1

"Youth Diabetes "

Chair: **Professor Louise Maple-Brown**, Head DIABETES across the LIFECOURSE Partnership

8:00 AM Registration, including tea & coffee

8:30 AM Official Opening - Prof Alan Cass & Welcome to Country - Trent 'Bandarrik' Lee

Prof. Louise Maple-Brown

Opening on behalf of the Diabetes across the Lifecourse Partnership & Key Recent Findings

9:00 AM **Prof Dana Dabelea, University of Colorado, USA**

Developmental Origins of Pediatric Obesity and Type 2 Diabetes

Prof Dabelea is the Director of Lifecourse Epidemiology of Adiposity and Diabetes (LEAD) Centre. Her main research interest is the understanding of how early life risk factors, such as exposure to maternal diabetes and obesity during intrauterine life, other environmental exposures and behavioral factors operating during fetal or early post-natal life, and infant growth and feeding patterns, influence the development of childhood obesity, insulin resistance, metabolic syndrome and diabetes (developmental origins of health and disease). Dana's experience includes perinatal and childhood epidemiological studies with community-based and clinic-based sampling, longitudinal follow-up, and extensive sample collection and storage.

Dana has conducted landmark studies on childhood type 2 diabetes, insulin resistance, and perinatal determinants on future risk among the Pima Indians of Arizona and among the Navajo Nation youth. Dana is a Principal Investigator (PI) on the multi-center "SEARCH for Diabetes in Youth Study", a multi-ethnic registry study of childhood diabetes conducting population-based ascertainment of diabetes in youth, which also has a longitudinal component. In 2009, Dana started a pre-birth cohort study, "Healthy Start", which explores a timely public health problem by testing the hypothesis that maternal obesity programs neonatal growth, fatness and metabolism, and by identifying specific mediators of these effects that can be targeted by future interventions.



9:40 AM **Dr Angela Titmuss, Menzies School of Health Research**

Audit results of prevalence of youth onset type 2 diabetes

Dr Titmuss is a paediatric endocrinologist at Royal Darwin Hospital. She is completing her PhD through the Menzies School of Health Research, exploring the impact of maternal hyperglycaemia in pregnancy on the growth, cardiometabolic profile and developmental risk of pre-school aged children, part of the PANDORA study. She is also a lead investigator in the HOT NORTH collaboration exploring the prevalence and experience of diabetes in Indigenous children and young people in northern Australia.



10:00 AM **Dr Renae Kirkham, Menzies School of Health Research**

Co-designing support systems for youth with type 2 diabetes across Northern Australia

Dr Kirkham is a social scientist with an interest in the social determinants of health and complex health interventions. Renae works for the DIABETES across the LIFECOURSE - Northern Australia Partnership and is co-leading a program of work with Professor Louise Maple-Brown which aims to enhance models of care across northern Australia for youth with type 2 diabetes. Renae is jointly teaching the Qualitative Research Methodology Unit for Menzies' Master of Public Health.



10:20 AM Panel - Discussion & Feedback

Dr James Dowler, Dr Renae Kirkham, Dr Angela Titmuss, Mr Jahdai Vigona, Ms Shiree Mack

10:45 AM **Morning Tea & Networking**

Program - Session 2

"Diabetes in Pregnancy"

Chair: **Dr Christine Connors**, *Executive Director Publication & Primary Health Care, Top End Health Services*

11:15AM **Professor Louise Maple-Brown - Menzies School of Health Research**

"The PANDORA Study - Focus on maternal weight and breastfeeding"

Professor Louise Maple-Brown is Head of Department of Endocrinology, Royal Darwin Hospital and Senior Principal Research Fellow with Menzies School of Health Research. Louise leads a clinical research program within the Wellbeing and Preventable Chronic Diseases division of Menzies, with a focus on diabetes and related conditions among Aboriginal and Torres Strait Islander people. Louise is the lead investigator of The DIABETES across the LIFECOURSE: Northern Australia Partnership.



11:30AM **Sian Graham - Indigenous Reference Group Coordinator**

Lived Experiences of Diabetes in Pregnancy: Community & Indigenous Reference Group Members

Sian Graham is of Noongar and Bardi -Jawi decent from two different areas in Western Australia, the Balladong Wheatbelt region and One Arm Point in the Kimberley.

Sian has had a number of opportunities to undertake research in both urban and remote communities across the Northern Territory and the Kimberley. Sian has worked at Menzies School of Health Research for over 11 years across several divisions, including Child Health, Wellbeing and Preventable Chronic Disease, and Tropical and Emerging diseases. During this time, Sian has been able to connect with participants and build strong relationships based on trust and respect.

Sian is dedicated and committed to working towards improving health outcomes for Aboriginal and Torres Strait Islander people. Sian believes that it is her responsibility as an Aboriginal researcher to advocate for Aboriginal and Torres Strait Islander people and their rights. Sian believes Aboriginal and Torres Strait Islander people must play an imperative role in research, and we need to work together collaboratively to ensure Aboriginal and Torres Strait Islander people have an opportunity to provide input into the direction of our research.



DIABETES across the LIFECOURSE: Northern Australia Partnership
would like to acknowledge our partners:



REGISTER NOW!

Registration: <https://bit.ly/33MIQpD>

Registration is free but essential.

Please register ASAP as numbers are strictly limited.

12:00 PM

**Professor Sue Kildea & Associate Professor Yvette Roe
Molly Waradaguga Research Centre - Charles Darwin University**

*"A strategic approach to Birthing on Country using the RISE Framework
as a protective factor for preterm birth"*

Co-Director, Professor Sue Kildea is internationally recognised as a midwifery leader at the cutting edge of Indigenous maternal and infant health and Birthing on Country Service design. She has strong links with Indigenous researchers and Aboriginal and Torres Strait Islander Community Controlled Health Organisations across the country, built across a 35-year career in clinical, research, education and policy. Since her PhD in 2005, she has maintained a 0.2-0.6FTE clinical load and has had a steep upwards research trajectory, ranked 13th most active researcher worldwide (2012-17) in Maternity and Midwifery. She has supervised 20 HDR students and currently mentors eight Early Career Researchers. She is a Chief Investigator on five NHMRC Grants (three as CIA), one CIHR grant (\$1.8M) and a NIH grant (\$2M). Received 54 grants with direct responsibility for \$9.1M of the \$23.2M awarded, plus \$6M for service delivery. She has authored 178 publications and delivered 46 keynote addresses. In 2018, she won Research Australia's Health services Research Award.



Co-Director, Associate Professor Yvette Roe is a proud Njikenja Jawuru woman from the West Kimberley region, Western Australia. Yvette has more than 25 years' experience working in Indigenous health. She was awarded her PhD in 2015. As an Aboriginal Scholar, Yvette's research priority has been to identify opportunities to improve health outcomes for First Nations peoples by delivering and evaluating services that are client, family and community focused. Yvette has diverse interests across the number of disciplines such as public health, sociology, and realist evaluation. She is a CI/Al on five NHMRC and Lowitja Institute grants and leading research across multiple sites in Australia to build First Nations people research capacity. She is a member of the NHMRC Research Committee (2018-2021) and Principal Committee Indigenous Caucus (2016-21) an advisory body for the NHMRC Council and CEO on First Nation health research and implementation of NHMRC Road Map II. She provides Indigenous leadership across all of the studies in the Molly Wardaguga Research Centre.



12:30PM

Panel - Discussion & Feedback

A/Prof Yvette Roe, Adelijse Goodrem, Sian Graham, Sonya McNelley,
Prof Louise Maple-Brown

NT INDIGENOUS & CLINICAL REFERENCE GROUP MEETINGS TO FOLLOW:

Program to be followed by Indigenous Reference Group (IRG) &
Clinical Reference Group (CRG) combined meeting:

1:30pm to 4:00pm (ACST), in Darwin NT.

RSVP for afternoon session: ntdippartnership@menzies.edu.au

*Youth Type 2 Referral Pathways workshop: 2:30pm to 3:45pm

**For more information, please contact Norlisha Bartlett:
ntdippartnership@menzies.edu.au or (08) 8946 8698**