Workshop in Diabetes Epidemiology Methods

The 16th International Diabetes Epidemiology Symposium 2019

Workshop Program	
Thursday 28th November 2019	
19:00 – 20:30	**Welcome reception with food and drinks (Amanti Hotel)**
Friday 29th November 2019	
7:00 – 8:15	**Breakfast (for participants staying at Amanti Hotel)**	
8:15 – 8:30	**Bus from Amanti Hotel to Yonsei Hospital**	
8:30 – 9:00	**Registration, coffee and tea**	
9:00 – 9:05	**Welcome**	*Dr Jessica Harding* *Dr Karen Siegel*
9:05 – 10:00	**Population-wide interventions targeting built environments to reduce chronic diseases**	*Professor Gillian Booth*
10:00 – 10:15	**Coffee and tea break**	
10:15 – 12:00	**Interactive Session One**	
	• Stream one "Traditional and novel epidemiological study designs"	*Dr Jessica Harding* *Professor Dianna Magliano*
	• Stream two "Survival Analysis"	*Mr Bendix Carstensen*
12:00 – 12:45	**Lunch**	
12:45 – 13:15	**Quiz**	*Dr Ghazal Fazli*
13:15 – 15:00	**Interactive Session Two**	
	• Stream one "Nutritional epidemiology: methodological challenged and opportunities"	*Dr Karen Siegel*
	• Stream two "Competing risks, multistate models and multiple time scales"	*Mr Bendix Carstensen*
15:00 – 15:15	**Coffee and tea break**	
15:15 – 17:00	**Debate**	*Dr Jessica Harding* *Dr Karen Siegel*
17:00 – 17:15	**Close**	*Dr Jessica Harding* *Dr Karen Siegel*
5:15 – 5:30	**Bus from Yonsei Hospital to Amanti Hotel**	

Venue: Severance Hospital, Yonsei University Health System, Seoul, Korea

Workshop Speakers

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Professor Gillian Booth

Dr. Gillian Booth is a Scientist in the Centre for Urban Health Solutions (C-UHS) within the Li Ka Shing Knowledge Institute of St. Michael's Hospital in Toronto. Dr. Booth is also an Adjunct Scientist at the Institute for Clinical Evaluative Sciences (ICES), a Professor in the Department of Medicine and the Institute of Health Policy, Management and Evaluation at the University of Toronto, and a practicing endocrinologist. Dr. Booth's research focuses on health outcomes related to diabetes; specifically how socioeconomic, environmental and health care factors influence the risk of diabetes and its complications. She has extensive experience in using large provincial health care and survey databases, and in using geographic information systems (GIS) methodology to study contextual factors influencing the development of diabetes. One of her major research interests is on the built environment and its role in the obesity and diabetes epidemics. Dr. Booth has made major contributions to diabetes policy and practice at both the national and provincial levels. She has served on several advisory committees for the Public Health Agency of Canada's Canadian Chronic Disease Surveillance System and she was the Methodology Chair for the 2013 Canadian Diabetes Association Clinical Practice Guidelines.

Dr Jessica Harding

Jessica Harding, PhD, BBioMedSci(Hons), is an Assistant Professor in the Division of Transplantation at Emory University. She completed her PhD at the Baker Heart and Diabetes Institute, Melbourne Australia in 2016. Dr Harding's PhD explored associations between diabetes (type 1 and 2) and site-specific cancers utilizing Australia's national diabetes, cancer and death registries. This work led to several publications in high impact journals and Dr Harding was awarded the Paul Korner award for the top PhD student in her year. Since completing her PhD, Dr Harding has worked as an epidemiologist in both academic and government settings in Australia and the US. Since 2017, Dr Harding has been a post-doctoral research fellow in the Division of Diabetes Translation at the Centers for Disease Control and Prevention, where she has conducted several large-scale surveillance studies exploring complications among people with diabetes and kidney disease. In November 2019, Dr Harding was appointed to her current role at Emory University where her research will focus on healthcare access, quality of healthcare delivery, and healthcare outcomes among the kidney transplant population.

Dr Karen Siegel

Karen Siegel, PhD, MPH, is an Epidemiologist at the Centers for Disease Control and Prevention, Division of Diabetes Translation, Surveillance, Epidemiology, Economics, and Statistics Branch, and an Adjunct Assistant Professor in the Department of Global Health at Emory University. She completed her MPH in Chronic Disease Epidemiology and Global Health at Yale University School of Medicine in 2007, and her PhD in Emory's Nutrition and Health Sciences Program in October 2014, where she was a Woodruff Fellow and ARCS Scholar. She co-edited the book *Sick Societies (Oxford University Press 2011)*, the first book to synthesize the evidence surrounding chronic disease providing comprehensive coverage of the subject and address prevention and control of chronic disease from epidemiologic, economic, prevention/management, and political economy perspectives. Dr. Siegel's research focuses on dietary patterns among people at risk for diabetes, and those with diabetes, in the United States, as well as the links between food and agricultural policy and cardiometabolic disease in the United States and globally. At CDC, she is a Project Officer for the LEAD Diabetes Network (a 5-year multi-site project to better understand geographic disparities in diabetes incidence across the US) and the Natural Experiments for Translation in Diabetes Study 2.0 (or NEXT-D2, a network of researchers from 8 academic institutions and 3 funding agencies providing rigorous evaluations of natural experiments to guide the evolution of policies and programs to improve diabetes care and prevention).

Professor Dianna Magliano

Professor Dianna Magliano has a BAppSci (Hons), PhD, and a Master of Public Health. Professor Magliano has worked for over fifteen years in epidemiology, the majority in diabetes, cardiovascular disease and obesity research. Her more recent work involved examining the association between diabetes and cancer using large datasets. With NHMRC project grant funding, she established the ANZ Diabetes and Cancer Collaboration (ANZDCC) dataset which is a collaboration of 18 Australian cohort studies with the aim to examine the relationship between diabetes, obesity, metabolic syndrome and hypertension. This project has resulted in the production of a dataset of 150,000 Australians with detailed demographic, health, biomarkers, socio-economic factors and anthropometry information linked to cancer and death outcomes over a time span of 15 years. As a part of this broader area, she also works on the other large datasets such as the National Diabetes Service Scheme (NDSS) linked to administrative data. Work on the NDSS has led to international status attested by invitations to the Diabetes and Cancer consortium, editor roles at Diabetes Research and Clinical practice and Atherosclerosis, and the presidency of the International Diabetes Epidemiology Group. Professor Magliano has well developed epidemiological and biostatistical skills. Fifteen years of teaching of epidemiology for Monash University has meant that her conceptual skills in epidemiology are well developed and current. Furthermore, as the senior epidemiologist of the Australian Diabetes, Obesity and Lifestyle Study (AusDiab) for over 11 years, she has acquired real life epidemiological training by working directly in the field, conducting epidemiological analyses. In 2017 she was awarded a NHMRC Senior research fellowship and the Australian Jeff flack data award from the Australian Diabetes Council.

Mr Bendix Carstensen

Bendix Carstensen is the senior statistician at the Steno Diabetes Center Copenhagen. He holds a mathematics degree and a masters in mathematical statistics. His main research interests include using registers and administrative data bases in surveillance of public health. In his current job this has primarily focused on diabetes on the last 10 years, but he has also conducted analyses in cancer and cardiovascular disease. Bendix also has a large role in education nationally and internationally. He has spent greater than 20 years teaching demography, epidemiology and biostatistics and conducts short courses annually throughout the world. He has been, and continues to be, the lead biostatistician in many diabetes projects globally.