

# Economics, Modelling and Diabetes: Mount Hood Asia Challenge 2019 hosted by:



**CHUNG-ANG UNIVERSITY**  
**College of Pharmacy**

84 Heukseok-ro, Dongjak-gu  
Seoul, 06974  
Republic of Korea



30 Nov-1 Dec 2019  
Seoul, Korea

## Draft Program

Day 1

Saturday 30 November 2019

8:15-9:00 am

REGISTRATION

9:00-9:10 am

Welcome Prof Philip Clarke, University of Oxford and University of Melbourne  
Prof Dong-Churl Suh, Chung-Ang University College of Pharmacy

9:10-9:40 am

Plenary 1- Professor Juliana Chan, Chinese University of Hong Kong,

What is different about diabetes in Asia

9:40-11:00

2019 Mount Hood Asia Diabetes Conference  
Quality of Life Challenge

11:00-11:30 am

*Tea and Coffee*

11:30-12:30 pm

### Abstract sessions #1 (20 Minutes per presentation)

1. Phil McEwan *Comparison of absolute cardiovascular risk prediction and relative risk reduction in risk prediction models derived from Asian and Western populations*
2. Jurjen van der Schans *Cost-effectiveness of Scaling Up Non-communicable diseases Interventions in South East Asia (SUNI-SEA)*
3. Alastair Gray *Prediabetes modelling using a Chinese dataset*

12:30-1:30 pm

***Lunch.***

1:30-3:00 pm

### Abstract session #2 (18 minutes per presentation)

4. Yingfeng YE *Risk assessment model for diabetes complications in China: protocol for a retrospective follow-up study*
5. Damon Mohebbi *Economic evaluation of diabetes prevention interventions in Bangladesh using Markov modelling*

6. Malfalda Ramos *Contrasting four type 2 diabetes cardiovascular risk equations for East Asia with UKPDS82 using the IQVIA Core Diabetes Model*
7. Philip Clarke *Regional and Economic Variations in Case Fatality Following A Major Coronary or Cerebrovascular Event in People with Type 2 Diabetes*
8. . Volker Foos *Cross Validation of Asian and Western Risk Prediction Models for Cardiovascular Disease*

**3:00-3:25 pm**

***Tea and Coffee***

**3:30-4:45-pm**

***Abstract Session #3 (18 minutes per presentation)***

9 Chun-Ting Yang *Valuation of EQ 5D 3L health states for people with type 2 diabetes in Taiwan: Analysis of data from the National Health Interview Survey linked with the National Health Insurance Research Database*

10. Talitha Feenstra *Disease specific modeling in support of priority setting in healthcare*

11.An Tran-Duy *A patient-level model to estimate lifetime health outcomes of patients with type 1 diabetes*

12. Harry J. Smolen *A statistical comparison of logistic regression versus machine learning tree-based classification methods in predicting coronary heart disease using real-world patient-level data*

**4:45-5:30pm**

**Business meeting Chair: Prof Philip Clarke**

**6:30pm onwards**

**CONFERENCE DINNER at *the Korea House***

**Day 2**

**Sunday 1 December 2019**

**9:10-10:30 am**

**[Challenge 2: evaluating newer agents for treating diabetes](#)**

Can we modify models to evaluate new and emerging therapies for diabetes.

**10:30-11 am**

**Plenary 2- Dr Karen Eggleston, PhD Stanford University Economics of diabetes in Asia**

**11:00-11:30 am**

***Tea and Coffee Break***

**11:30-12:30 pm**

**Panel Discussion**

Where next for diabetes modelling in Asia?

**12:30-1:30 pm**

**Lunch**

**1:30-4:00 pm**

***Optional workshop* - Building Diabetes simulation models in Asia  
Lead by Prof Philip Clarke and Prof Andrew Palmer**

**CLOSE (Afternoon Coffee to finish)**