

FED Lunch Research Series

How to Use Public Data to Conduct Your Own Research

Date & Time: 30 Oct 2015, 13:00 – 14:00 (Light lunch begins at 12:30pm)

Venue: Room 3038, Faculty of Education (E33)

Language: English

Audience: UM Staff / Postgraduate Students

Enquiries & Registration: Mr. Brendan Lei (FED_Event@umac.mo); Tel: 8822-4120

** Complementary light lunch will be provided.*

Abstract

Collecting data is time consuming and economically costly and, for longitudinal and cross-cultural research, it is almost impossible for individuals to collect data on their own. Making use of public data has become one of the best and increasingly popular ways to conduct your own research. In this talk, I will share you with some of the public datasets that are widely used in educational research. These include Programme for International Student Assessment (PISA), Early Childhood Longitudinal Study-Kindergarten Cohort (ECLS-K), and the Investigation of Curriculum and Instruction which is an educational achievement dataset being developed in China. I will talk about the relevant variables, sampling strategies, and statistical techniques used to compile, analyze and manage these and other public data. In addition, I will give some examples to demonstrate the usage of these datasets.

Speaker

Dr. Xiaorui HUANG currently serves as Lecturer of the Institute of Curriculum and Instruction, East China Normal University, Shanghai, China. She obtained her PhD degree from the Chinese University of Hong Kong. Her research focuses on mathematics anxiety, ability grouping, and quantitative methodology including multilevel IRT and multilevel structure equation modeling.

