

## RESEARCH SEMINAR

DEPARTMENT OF GEOGRAPHY AND RESOURCE MANAGEMENT  
THE CHINESE UNIVERSITY OF HONG KONG

### Health risk assessment on bisphenol A and pesticide exposures from environment

2 Feb 2023 (Thurs)

4:30 – 6:00 pm (UTC+8)

Rm221, Chen Kou Bun Building

ZOOM ID: 924 0168 0034

ZOOM Passcode: 891568

Both bisphenol A and pesticides are the environmental estrogen disrupting chemicals widely used in industry and agriculture application. Limited research has been conducted to assess the health impacts of these chemicals due to difficulties in exposure assessment and high costs involved in human research. This seminar aims to present relevant findings regarding the association between environmental exposure to bisphenol A and the risk of malignant and non-malignant health outcomes based on two funded research projects in China and Hong Kong. The impact of pesticides on fertility health will be presented based on a collaborative research. These findings provided solid epidemiological evidence that chronic exposure to environmental bisphenol A and pesticides were associated with elevated risks of diverse health outcomes, thus contributes to the growing body of literature on the harmful effects of these environmental estrogen disrupting chemicals, providing additional evidence for removal of sources.

**Prof. Lap-Ah Shelly Tse**

**Professor, Jockey Club School of Public Health and Primary Care  
The Chinese University of Hong Kong**

Shelly Tse is a Professor of Occupational and Environmental Health & Epidemiology at the Jockey Club School of Public Health and Primary Care, the Chinese University of Hong Kong. Shelly obtained her Bachelor of Medicine from Fudan University, and then obtained her PhD degree at CUHK and received further training in the National Cancer Institute, National Institutes of Health of USA. Shelly Tse was awarded several competitive research grants from National Natural Science Foundation of China, Research Grant Council, Health and Medical Research Fund, and international grant from NIH to support her research in occupational & environmental health and cancer epidemiology. Shelly received the Second Class Award of State Scientific and Technological Progress Award (SSTPA) in 2014/2015 on silicosis, mechanisms and prevention with China partners. Until now, she has about 200 research publications, and her representative publications are Annals of Oncology, Journal of Thoracic Oncology, Environmental Health Perspectives, JAMA Network Open.



For future seminars, scan QR Code or visit:  
<https://www.grm.cuhk.edu.hk/en/news/seminars/>

