

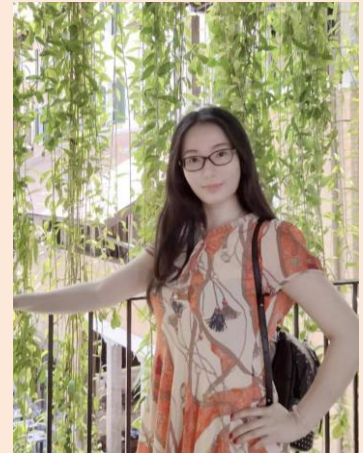
# The Chinese University of Hong Kong Department of Geography and Resource Management

will present a seminar

by

## Dr. Mirabel X. Chen

Post-doctoral Fellow  
Department of Geography and Resource Management  
The Chinese University of Hong Kong



## Transit Access and the Post-Entry Performance of New Establishments: A Study in Hudson County, New Jersey

### Abstract:

This study looks at the accessibility effects of transit system on post-entry performance of new establishments in Hudson County, New Jersey using Cox Proportional-Hazards model. Traditionally, the transit accessibility has been monetized into price and rent in a property market as part of economic growth and recent studies reveal some evidence of the possible influence of transport infrastructure on firm formation and urban agglomeration (Chatman & Noland, 2011). However, apparently the business establishments have not been very much investigated, as very few studies actually explore the relationship of new establishment' accessibility to transport infrastructure. This study takes advantage of a firm-level longitudinal dataset, the National Establishment Time-Series (NETS) data, to examine the association between access to rail stations and new establishments' post-entry survival and expansion. It is expected that establishments located in proximity to rail stations are less likely to fail as rail transit access improves accessibility, reduces transportation costs and time, and enhances social and information communication. This study could deliver a lot of messages to academic scholars, practitioners, and policy makers who are working on land use and transportation coordination, local economic development, etc.

### About the Speaker:

Dr. Mirabel X. Chen got her Ph.D. degree in Planning and Public Policy from Rutgers University, New Jersey in 2019. She worked as an undergraduate instructor and senior researcher when she was a Ph.D. student at Rutgers. She joined the Chinese University of Hong Kong as Dr. Sylvia Ho's post-doc fellow since October 2019. Her main research interests are land use and transportation land use planning, urban economics and urban development, and applications of spatial statistics.

**Language: English**  
**Date: 16 January 2020 (Thursday)**  
**Time: 4:30-6:00pm**  
**Venue: Room 221**  
**Chen Kou Bun Building**  
**Chung Chi College**

~All are Welcome~

For any inquiries, please contact Prof. Harry Lee (Tel. 3943 8478 or Email: [harrylee@cuhk.edu.hk](mailto:harrylee@cuhk.edu.hk)).