



中央研究院
社會學研究所
Institute of Sociology Academia Sinica

人口學計量分析工作坊

Workshop for Demographic Methods

主講人：Professor Joshua R. Goldstein, PhD

美國加州大學柏克萊分校人口學系系主任與柏克萊人口中心主任

Chancellor's Professor of Demography at the University of California at Berkeley

Day 1: Nov. 11 (Wed.)

9:00 ~ 9:20	Check In 報到(中央研究院社會所八樓 802 會議室)
9:20 ~ 9:30	所長致詞
9:30 ~ 10:30	Lecture: The formal demography of increasing longevity
10:30 ~ 10:40	What does period life expectancy tell us about how long real cohorts of people live?
Break	What are the consequences of slowing the age-related (senescent) increase in mortality as opposed to reducing mortality at all ages? This lecture will explain the mathematics
10:40 ~ 12:00	behind the dynamics of mortality change based on Goldstein and Wachter (2006) and Goldstein and Cassidy (2012).
12:00 ~ 13:30 中餐 Lunch	
13:30 ~ 15:00	Laboratory session
	An optional laboratory section will apply these ideas to empirical patterns of mortality change found in the Human Mortality Database.
15:00 ~ 15:30 休息 Tea Break	
15:30 ~ 17:00	Laboratory session: Assigned project



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Day 2: Nov. 12 (Thu.)

9:00 ~ 9:30	Check In 報到 (中央研究院社會所八樓 802 會議室)
9:30 ~ 10:30	Lecture: The population dynamics of fertility decline.
10:30 ~ 10:40 Break	What happens to the size of age-structured populations as fertility declines? This lecture will cover the Keyfitz scenario of an instant fall to replacement fertility and population momentum as well as Coale's scenario of continuously declining fertility. Both of these stylized case of non-stable populations give insights into the dynamics of real populations
10:40 ~ 12:00	
12:00 ~ 13:30 中餐 Lunch	
13:30 ~ 15:00	Laboratory session
	An optional laboratory section will explore the dynamics of populations according to recent United Nations projections.
15:00 ~ 15:30 休息 Tea Break	
15:30 ~ 17:00	Laboratory session: Assigned project