

# COLLOQUIUM BY CHENKAI WU

FRAILITY: AN EMERGING GLOBAL HEALTH PRIORITY

TIME: 12:00-13:00 PM, TUESDAY, 19SEPT 2017

VENUE: ACADEMIC BUILDING 1079

## *Frailty: An Emerging Global Health Priority*

**Speaker:** Dr. Chenkai Wu, Assistant Professor of Department of Epidemiology and Community Health at New York Medical College

\* The event is also a faculty recruitment seminar for Global Health program.

### ABSTRACT:

Frailty is an age-related clinical syndrome characterized by reduced resilience to stressors, resulting from dysregulations across multiple physiological systems. As one of the most common geriatric conditions, frailty is affecting one in 10 older adults aged  $\geq 65$  years in China and between 3.5% and 27.3% worldwide. Frailty is strongly associated with poor health outcomes both in the general older population and in specific clinical settings (e.g. cardiovascular disease, cancer, HIV infection). As the world population is growing older at an unprecedented pace, frailty will become more common, placing a substantial burden on older persons, their caregivers, and health care resources. In this seminar, I will begin with a brief introduction of the frailty theories, operational definitions, and popular assessment tools. Next, I will present an overview of the worldwide epidemiology of frailty and an update on the prevalence of frailty in China. Lastly, I will discuss the current issues and challenges and future directions of frailty research.

### BIO:

Dr. Chenkai Wu is an Assistant Professor of Epidemiology in the Department of Epidemiology and Community Health at New York Medical College. Dr. Wu has a strong interest in many fields pertaining to aging research. His main research focuses on prevention of cardiovascular disease, frailty, and disability and promotion of healthy aging and longevity among older adults. He also has a strong background and interest in quantitative research methods, statistical and epidemiologic modeling, and study design. Dr. Wu has authored/co-authored 10 peer-reviewed publications or book chapters. His work has been featured in major national and international media, including Harvard Business Review, the Wall Street Journal, the Guardian, and National Public Radio.

This event is open to all and entry is on a first come, first served basis. For any queries email [yg73@duke.edu](mailto:yg73@duke.edu) or call 3665 7149.

Hope to see you all!