



# THE UNIVERSITY OF HONG KONG PUBLIC HEALTH RESEARCH CENTRE

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## *The Inclusive Cost of Pandemic Influenza Risk* by

**Dr Victoria Fan**

*Assistant Professor  
Department of Public Health Sciences  
University of Hawaii, Manoa*

- Date** : July 4, 2016 (Monday)  
**Time** : 11:30 – 13:00 (*sandwich lunch from 11:30 to 11:45; seminar begins at 11:45*)  
**Venue** : Mrs Chen Yang Foo Oi Telemedicine Centre (MTC), 2/F, William MW Mong Block, LKS Faculty of Medicine Building, 21 Sassoon Road, Pokfulam, Hong Kong

### **Abstract:**

Each year a small likelihood exists that the world will again suffer an influenza pandemic akin to the catastrophic one of 1918. In our study, we generate an estimate of pandemic cost that is inclusive of both income loss and the cost of elevated mortality. We find that expected pandemic deaths exceed 700,000 per year worldwide, with an associated annual mortality cost of estimated at \$490 billion. Our estimate of expected income loss is \$80 billion per year and hence the inclusive cost would be \$570 billion per year or 0.7% of global income.

### **Bio-sketch:**

Dr Victoria Fan is a health economist working in global health. She is based at the University of Hawaii at Manoa as an assistant professor of health policy. Dr Fan's current research programmes examine the effectiveness and efficiency of policies of global health funding agencies as well as health policies in Asia, mainly India and China. She has worked with different nongovernmental organizations in Asia and at different units at Harvard University. She has served as a consultant for the China Medical Board, World Bank and World Health Organization and on studies supported by the Rockefeller Foundation and the Bill & Melinda Gates Foundation. She earned her SB in mechanical engineering from MIT, SM in population & international health and ScD in global health & population at Harvard T.H. Chan School of Public Health.