

2009 Biosurveillance and Biosecurity Workshop (BioSecure 09) Program
September 23—25, 2009 Taipei, Taiwan

Wednesday, September 23 rd , 2009		
10:00 – 12:00	Workshop: Influenza Virus Resources in NCBI (College of Medicine, NTU, Room 509) <全球流感病毒資料庫> Yiming Bao, National Center for Biotechnology Information (NCBI), NIH , USA	
13:30 – 14:10	Visiting College of Public Health, NTU	
14:20 – 15:00	Short seminar on Public Health Informatics, by Sherrilynne S. Fuller (College of Public Health, NTU, Room 505)	
Thursday, September 24 th , 2009		
08:00 – 08:20	Registration Time	
08:20 – 09:20	Official Openings	Session Chair: Chwan-Chuen King Hsinchun Chen
09:20 – 10:00	<u>Keynote Speech : Infectious disease informatics</u> <公共衛生資訊學> Sherrilynne S. Fuller, University of Washington	Session Chair: Yu-Chuan Li
10:00 – 10:20	Break	
10:20 – 11:40	Invited Session: <疾病監測與緊急應變> Hsinchun Chen, University of Arizona, United States Mark Smolinski, Director, Global Public Health at Google Fuh-Yuan Shih, National Taiwan University Hospital, Taipei, Taiwan	Session Chair: Kumnuan Ungchusak, Feipei Lai
11:40 – 12:00	Contributed Paper Session <I> <疾病監測與緊急應變> 1. Ivan J. Gotham, Debra L. Sottolano, Linh H. Le, NY State Public Health Preparedness Informatics Infrastructure. Supporting the State Response to the Emergence of Novel Influenza A (H1N1)	Kumnuan Ungchusak, Feipei Lai
12:00 – 13:30	Lunch	
13:30 – 14:30	<u>Invited Session: The Asian Experience(I)</u> <日本與泰國 H1N1 防制經驗> Nobuhiko Okabe, Infectious Disease Surveillance Center, National Institute of Infectious Diseases, Japan Kumnuan Ungchusak, Bureau of Epidemiology, Department of Disease Control, Thailand	Session Chair: Muh-Yong Yen, Daniel Zeng
14:30 – 15:10	Contributed Paper Session <II> <急診監測與生物資訊> 1. Yasushi Ohkusa, Tamie Sugawara, Kiyosu Taniguchi, Nobuhiko Okabe, Syndromic Surveillances for the Early Detection of the Novel Influenza A/H1N1 in Japan	Session Chair: Muh-Yong Yen, Daniel Zeng

	2. Yu-Chieh Liao, Chin-Yu Ko, Ming-Hsin Tsai, Min-Shi Lee, and Chao A. Hsiung, ATIVS: analytical tool for influenza virus surveillance	
15:10 – 15:30	Break	
15:30 – 16:30	<u>Invited Session: The Asian Experience(II)</u> <臺灣經驗與感染控制> <u>Taiwan Experience</u> Chwan-Chuen King, Graduate Institute of Epidemiology, College of Public Health, National Taiwan University Yee-Chun Chen, National Taiwan University Hospital, Taipei, Taiwan	Session Chair: Nobuhiko Okabe
16:30 – 17:20	Contributed Paper Session <III> <疫情時空分析> 1. Ta-Chien Chan, Hwa-Lung Yu, Po-Huang Chiang, Chwan-Chuen King, Bayesian Maximum Entropy Modeling of Spatio-temporal Winter Influenza Epidemic in Taiwan 2. Doracelly Hincapié, Juan Ospina, Graph Polynomials, Characteristic Classes and q-Analysis in Social Computing Applied to Epidemiology: The case of SARS 3. Tzai-Hung Wen, Yu-Shiuan Tsai, Chung-Yuan Huang, Muh-Yong Yen, Multi-Layer Epidemic Dynamics Simulation (MEDSIM) for Spatial Transmission of Acute Respiratory Diseases	Chi-Tai Fang
17:30 – 20:00	Workshop Dinner & culture party	

Friday, September 25 th , 2009		
08:30 – 09:10	Registration Time	
09:10 – 10:10	<u>Invited Session: Animal Influenza(I)</u> <動物流感監測> Nguyen Thanh Thuy, Biosafety Department, National Institute of Hygiene and Epidermiology, Vietnam Ming-Chu Cheng, Avian Influenza surveillance in Wild Birds in Taiwan, Division of Epidemiology Research, Animal Health Research Institute, Council of Agriculture, Executive Yuan	Session Chair: Shin-Ru, Shih
10:10 – 10:30	Break	
10:30 – 11:30	<u>Invited Session: Animal Influenza(II)</u> <新型流感病毒與流感疫苗> Shin-Ru, Shih, Department of Medical Biotechnology and Laboratory Science, Chang Gung University Mei-Shang Ho, Institute of Biomedical Sciences, Academia Sinica, Nankang, Taipei, Taiwan	Session Chair: Chuan-Hsiung Chang
11:30 – 13:00	Lunch	
13:00 – 14:10	Panel Discussion: Monitoring and Public Health Response to Influenza <流感防疫-綜合討論>	Session Chair: Yiming Bao, Mei-Shang Ho, Li –Min Huang, Shin-Ru Shih, Ching-Ho Wang, Min-Shi Lee
14:10–15:10	<u>Invited Session: Surveillance Method</u> <監測方法> Daniel Zeng, University of Arizona	Session Chair: Chien-Yeh, Hsu

	Wendy Chapman, University of Pittsburgh	
15:10 –15:30	Break	
15:30-16:30	<u>Invited Session:</u> <蒙古經驗與臺北市的疫情防制> Oyungerel Ravjir, The National Center for Communicable Diseases, Mongolia Muh-Yong Yen, Department of Health, Taipei City Government	Session Chair: Nguyen Thanh Thuy, Chwan-Chuen King
16:30-17:00	Concluding Remarks	Chwan-Chuen King
17:00-	City Tour (2 different routes)	
Saturday, September 26th, 2009		
08:30 - 12:00	National Palace Museum	
12:00 - 14:00	Special Lunch	