



Phones, Drones

&

Disease

International Workshop
17-18 May 2018

Date	Time	Session	Venue
17 May 2018	9:00-12:15	Session 01: Phones	CPD 2.42, 2/F The Jockey Club Tower, Centennial Campus, HKU
	14:00-16:30	Session 02: Drones	
18 May 2018	9:30-12:15	Session 03: Securing Health	CPD 2.42, 2/F The Jockey Club Tower, Centennial Campus, HKU
	14:30-16:00	Session 04: Strategies of Anti-Panic (WHO Global Health Histories Seminar)	Room A2-08 (MTC), 2/F William M.W. Mong Block, 21 Sassoon Road, HKU

All Welcome. Registration: www.chm.hku.hk/phones_drones_disease.html



Global Health Histories Seminar 106

| 18 May 2018 | 14:30—16:30 |

| Room A2-08 (MTC), 2/F William M.W. Mong Block, Faculty of Medicine Building, The University of Hong Kong
21 Sassoon Road, Pokfulam, Hong Kong |



Keiji Fukuda
*Director,
School of Public Health,
University of Hong Kong*



Robert Peckham
*Director,
Centre for the Humanities and Medicine,
University of Hong Kong*



Kirsten Ostherr
*Director,
Medical Futures Lab,
Rice University*

Strategies of Anti-Panic: A New Approach to Epidemic Panic

Health panics are nothing new, but the rise of mass communications and the increasing dominance of the mass media in everyday life has potentially harmful consequences during disease outbreaks.

Techniques to combat health panics receive high attention by governments and international organizations, but public anxiety can endure even when knowledge and information about an outbreak is readily available and reassuring. Panics can result in harmful and erroneous rumours, extreme behaviours such as fear and avoidance of public spaces, loss of trust in public health officials, and stigmatization of sufferers.

In this seminar, our expert panel will draw on examples from the recent past to explore strategies of anti-panic and new approaches to rumour control. This will be followed by a panel discussion opened by Professor Ostherr.

For more information, please contact: cg hh@york.ac.uk



UNIVERSITY
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**World Health
Organization**
REGIONAL OFFICE FOR **Europe**



Centre for the Humanities and Medicine
The University of Hong Kong



Making Modernity in East Asia:
Technologies of Everyday Life, 19th-21st Centuries
(RGC CRF HKU C7011-16G)



CENTRE FOR THE HUMANITIES AND MEDICINE
THE UNIVERSITY OF HONG KONG

Phones, Drones & Disease: Epidemic Intelligence and the Future of Communications in East Asia

17-18 May 2018

Today, technological developments are transforming the methods and scope of public health: from remote-sensing technologies to GPS-enabled mobile devices; from Internet surveillance systems to cloud computing. Hard tech innovations, including artificial intelligence and machine learning, are reconfiguring the basis of epidemic surveillance. The collection and storage of big data is opening up new possibilities, but raising new concerns. This two-day interdisciplinary workshop at the University of Hong Kong brings together researchers and practitioners from science and technology studies, public health, medicine, history, and anthropology to reflect on the opportunities and challenges that these technologies present. While the focus is primarily on Asia, participants will also consider comparative case studies from other regions to shed light on the issues at stake in the datafication of contemporary health.

Key questions addressed in the workshop will include:

- How are digital networks reconfiguring health?
- To what extent are they creating para-systems that erode terrestrial infrastructure?
- Who benefits from these new technologies, and who pays for them?
- What consequences stem from the migration of technologies across domains – from the military use of drones, say, to their re-appropriation for health?
- What kinds of resistance and countervailing effects are these technologies producing?
- How should they be regulated?
- In what ways are they shaping new forms of governance?

Hong Kong provides a unique site for broaching these issues. While locales in Southeast and East Asia are considered hotspots for emerging infections, the region has also acquired a reputation for tech expertise – with China leading developments. Neighboring Shenzhen is today a center for hardware innovation and the headquarters of the world's largest commercial drone manufacturer.

This workshop is funded in part by a grant from the Research Grants Council of the Hong Kong Special Administrative Region China (Project No. HKU C7011-16G, 'Making Modernity in East Asia: Technologies of Everyday Life in 19th – 21st Centuries')

Programme

DAY ONE: Thursday 17 May 2018

CPD 2.42, 2/F The Jockey Club Tower
Centennial Campus, The University of Hong Kong

9:00 – 9:15 **Registration**

9:15 – 9:30 **Welcome and Opening Remarks: Anarchitectures of Health**
Robert Peckham (Centre for the Humanities and Medicine, HKU)

9:30 – 10:15 **Global Health from Surveillance to Dataveillance: Tracking Contagion with Digital Biomarkers**
Kirsten Ostherr (Rice University)

Coffee/Tea Interval

10:30 – 12:15 **Session 01: Phones**
Chair: *Thomas Abraham (Journalism and Media Studies Centre, HKU)*

Going Mobile: A Digitally Connected Future for Healthcare
Valérien Turbé (University College London/i-sense)

Who Benefits from New Public Health Technology? Perspectives from the Thai-Myanmar Border
Daniel Parker (University of California, Irvine)

Mapping Social and Geographical Exclusion via Mobiles: Bounded Cosmopolitanism
Arul Chib (Nanyang Technological University, Singapore)

Discussion

12:45 – 13:45 Lunch, Bijas restaurant

14:00 – 16:00 **Session 02: Drones**
Chair: *Mark Clifford (Asia Business Council/Department of History, HKU)*

Mapping Infectious Disease Risks: A Case Study Using Drones for Epidemiological Research in Malaysian Borneo
Kimberly Fornace (London School of Hygiene and Tropical Medicine)

Yonah: The Story that Wasn't Supposed to Happen
Ong Tian Chang and David Pong (Yonah, Singapore)

Implementation of a Drone Delivery Service
Ansgar Kadura (Wingcopter, Germany)

Vertical Geopolitics and the Futures of the Biomedical Drone
Robert Peckham and Ria Sinha (Centre for the Humanities and Medicine, HKU)

Discussion (followed by tea)

DAY TWO Friday 18 May 2018

CPD 2.42, 2/F The Jockey Club Tower
Centennial Campus, The University of Hong Kong

9:30 – 10:45 **Session 03: Securing Health: From Device to Tool**

Social Media: A Tool to Promote Childhood Influenza Vaccination?

Julie Qiuyan Liao (School of Public Health, HKU)

The Archipelago of Care: Connected Isolation in the Pan-African e-Network

Vincent Duclos (Drexel University)

Coffee/Tea Interval

11:00 – 11:30 **Concluding Plenary**

Phones, Drones and Global Health Security

Rosanna Peeling (London School of Hygiene and Tropical Medicine)

11:30 – 12:15 **Roundtable Discussion all workshop participants**

12:30 – 13:30 Lunch, Bijas restaurant

Note: Transportation to the afternoon session at the Li Ka Shing Faculty of Medicine, HKU.

14:30 – 16:30 **Strategies of Anti-Panic: A New Approach to Epidemic Panic
WHO Global Health Histories Seminar**

Room A2-08 (MTC)
2/F William M.W. Mong Block, Faculty of Medicine Building
21 Sassoon Road
The University of Hong Kong

With the participation of:

Sanjoy Bhattacharya (Centre for Global Health Histories, University of York)

Keiji Fukuda (School of Public Health, HKU)

Kirsten Ostherr (Medical Futures Lab, Rice University)

Robert Peckham (Centre for the Humanities and Medicine, HKU)

The final event is co-sponsored by the WHO Collaborating Centre for Global Health Histories at the University of York, The Centre for the Humanities and Medicine and The School of Public Health at the University of Hong Kong.