



UCL Health of the Public Symposium

Global Health Security and Resilience: Making a safer world

13:00-16:00 | 30.11.21

13:00 Welcome and introduction

- Prof David Lomas, Vice-Provost (Health)
- Prof Graham Hart, UCL Health of the Public

13:10 Predicting and preparing for new threats

Chair:

- Prof Deenan Pillay, UCL Division of Infection & Immunity

Presenters:

- Prof Kate Jones, UCL Genetics, Evolution and Environment
Ecological and human health: predicting infectious disease outbreaks
- Prof Judith Breuer, UCL GOS Institute of Child Health
What genomics told us about the SARS-CoV-2 pandemic
- Prof Peter Sammonds, UCL Institute for Risk & Disaster Reduction
Multi-hazard and epidemic DRR for a small island developing state

Followed by Q&A session

13:40 Break

13:45 Creating resilient environments

Chair:

- Prof Deenan Pillay, UCL Division of Infection & Immunity

Presenters:

- Prof Jose Torero, UCL Civil, Environmental and Geomatic Engineering
Clean Active Ventilation Environment – CAVE
- Prof Susan Michie, UCL Clinical, Educational and Health Psychology
Health behaviour, health inequalities and health systems
- Dr Julius Mugwagwa, UCL STEaPP
Local innovations, manufacturing and supply chains in LMICs

Followed by Q&A session

14:15

Next generation Public Health infrastructure

Chair:

- Prof Deenan Pillay, UCL Division of Infection & Immunity

Presenters:

- Dr Tom Pegram, UCL Political Science
Grand challenges in global health governance
- Prof Rachel McKendry, London Centre for Nanotechnology
Technology and data for global health surveillance
- Prof Andrew Hayward, UCL Epidemiology and Health Care
How to strengthen public health capacity

Followed by Q&A session

14:45

Break

14:55

Small grants research showcase

Chair:

- Prof Graham Hart, UCL Health of the Public

Presenters:

- Dr Alison McKinlay, UCL Institute of Epidemiology & Health Care
An interdisciplinary study about art groups for women who have experienced domestic abuse
- Dr Gemma Lewis, UCL Division of Psychiatry
Investigating academic pressure as a risk factor for adolescent depression, to inform the development of whole-school interventions.
- Alexander Bolster, Kings College London
Multiple Minority Identities & Mental Health - A mixed-methods approach to addressing health inequalities
- Dr Niamh Murtagh, The Bartlett School of Sustainable Construction
Green Fronts - Gardening for health of the public and environment
- Dr Francesco Aletta, Bartlett School Environment, Energy & Resources
Deep Learning Techniques for Noise Annoyance Detection (DeLTA)

Followed by Q&A session

15.15

The future of global health security

- Prof Robert Heyderman, UCL Division of Infection & Immunity
in conversation with:

- Prof. Sir Michael Marmot, UCL Institute of Health Equity
- Dr Susan Hopkins, UK Health Security Agency

Followed by Q&A session

15:55 **Closing remarks**

- Prof Dame Anne Johnson, UCL Health of the Public

16.00 **Event close**