

Background

Established in 2017, UCL dPHE Centre in the Institute for Risk and Disaster Reduction is leading the development of cutting-edge digital innovations: strengthening global capacity, preparedness and response to public health emergencies!

Winner of multiple Awards, dPHE supports a diverse portfolio of research, teaching, and established an international stakeholder network within DRR from a public health perspective through technological solutions for human and planetary health.

Objectives

- STRENGTHEN response to global public health challenges and emergencies
- LEAD cutting edge research into mobile technologies, data science and Policy
- HARNESS expertise across sectors to strengthen national and International collaboration
- CULTIVATE the next generation of experts through evidence-based teaching

Expectation from a future partner

- Collaboration opportunities around digital public health with LMIC partners
- Support for training and capacity building for young scientists outside the typical university setting
- Joint collaboration around disease surveillance, antimicrobial resistance, One Health, vaccines hesitancy, vector-borne diseases

Seeds and Needs

Seeds

- ❖ Strong expertise across multiple disciplines including Public Health, DRR, Mobile and IoT technologies, Epidemiology, One Health, Behavior change, Data science
- ❖ Robust portfolio of international projects including disease surveillance and early warning for epidemics, vaccine hesitancy, One Health surveillance, antimicrobial resistance, digital interventions
- ❖ International outreach - research collaboration and student recruitment from countries across the world, including China, Brazil, Portugal, South Africa, India, Nepal, Nigeria

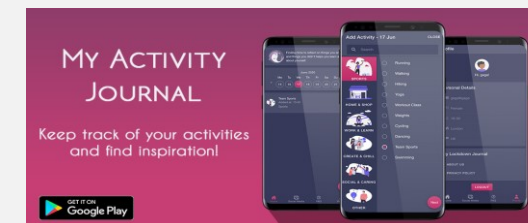
ZIKA app project: Improving efficiency of surveillance, monitoring and early warning for ZIKA virus in Brazil



MANTRA project: Making impact on health of the most vulnerable communities and disadvantaged women in low-income settings through mobile and digital technology



My Activity Journal app and Zoom or Not To Zoom: Understanding lifestyle change during lockdown for COVID-19



Needs

- ❖ Targeted funding for educational/career advancement and travel to DRR events for early career researchers
- ❖ Communities of practice to support early scientists and practitioners, particularly women or other minority groups in DRR
- ❖ Collaboration opportunities around major public health themes of UCL dPHE including opportunities for exchange visits for researchers

