



Annual Meeting, March 2024, University of Bristol

Tuesday 26th March 2023

Lecture Theatre 2, Humanities Complex, University of Bristol

09:30-10:00	Registration	
10:00-11:00	Introduction to JUNIPER Partnership	
10:00-10:15	Welcome	Ellen Brooks Pollock (University of Bristol), Leon Danon (University of Bristol) & Ciara Dangerfield (JUNIPER)
10:15-11:00	Plans for the JUNIPER Partnership How to maintain COVID achievements into the future	Matt Keeling (University of Warwick & co-lead JUNIPER) & Julia Gog (University of Warwick, co-lead JUNIPER)
11:00-11:30	Tea and coffee	
11:30-12:30	Academia-policy interface <i>Chair: Ciara Dangerfield (JUNIPER)</i>	
11:30-12:30	Panel Discussion -Thom Waite (Deputy Chief Medical Officer, Department of Health and Social Care), Osama Rahman (Director, ONS Data Science Campus), Déirdre Hollingsworth (University of Oxford and Chair of SPI-M)	
12:30-14:00	Lunch	
14:00-15:00	JUNIPER Activities <i>Chair: Ciara Dangerfield (JUNIPER)</i>	
14:00-14:20	Climate Change and Infectious diseases	Helena Stage (University of Bristol)
14:20-14:40	AI and Pandemic Resilience	Leon Danon (University of Bristol) & Chris Jewell (Lancaster University)
14:40-15:00	Mathematical modelling of behaviour to inform policy for societal challenges	Ed Hill (University of Warwick) & Kirsty Bolton (University of Nottingham)
15:00 - 15:30	Tea & Coffee	
15:30-16:30	Plenary Talk <i>Chair: Ellen Brooks Pollock (University of Bristol)</i>	
15:30-16:30	Challenges in communicating evidence to policy makers	Libby Richards (Deputy Director, Analytical Hub, ONS)
16:30-17:00	Break	
17:00-18:00	Plenary Talk <i>Chair: Helena Stage (University of Bristol)</i>	
17:00-18:00	SIR...or MADAM?	Anne Cori (Imperial College London)
18:00-	Canapes & Quiz <i>Quiz master: Ellen Brooks-Pollock</i>	



Annual Meeting, March 2024, University of Bristol

Wednesday 27th March 2023

Lecture Theatre 2, Humanities Complex, University of Bristol

09:00-10:30	Elevator Pitches <i>Chair: Ciara Dangerfield (JUNIPER)</i>
09:00-10:30	Elevator Pitches Maria Gutierrez <i>Vaccine Escape</i> Thomas House <i>Households are as close as we're going to get to multiple replications of transmission experiments</i> Ian Hall <i>TBA</i> Petra Klepac <i>TBA</i> Elizabeth Fearon <i>Co-production in epidemic modelling</i> Sam Abbott <i>Epinowcast: Tools to enable flexible and efficient hierarchical nowcasting of right-truncated epidemiological time-series</i> Lloyd Chapman <i>Improving inference methods for epidemic models</i> Phoebe Asplin <i>Modelling symptom propagation in respiratory pathogens</i> Massimo Cavallaro <i>Self-learning digital twins: an approach to the fusion of AI and mathematical modelling</i> Laura Guzman-Rincon <i>Ready-to-use software for estimation and forecasting of the growth rate of an infectious disease outbreak</i> Francesca Scarable <i>Modelling waning immunity</i> Ewan Colman <i>What is the best way to estimate the reproduction number from contact survey data?</i> Emma Davis <i>Modelling the mosquito feeding cycle to infer human disease dynamics</i> Amy Thomas <i>Predicting the future for avian Influenza using a One Health immuno-epidemiological framework</i>
10:30-11:00	Tea and coffee
11:00-11:30	Q&A with JUNIPER team - What are we missing?
11:30-12:30	Communicating your research with the public - networking activity Plus magazine
12:30-13:30	Lunch
13:30-14:30	Communicating your research with the public - networking activity Plus magazine
14:30-15:00	Wrap up
15:00-17:00	Banksy tour & end of event