



STUDENT SYMPOSIUM

7 MARCH 2025

09:00		Coffee and registration
09:30	Daniel Lule	<i>From Bench to Bedside: Advancing HIV Drug Resistance Monitoring with Nanopore Sequencing</i>
09:45	Greg Barnsley	<i>Modelling Pharmaceutical-Interventions to Reduce Childhood Pneumonia in Humanitarian Settings</i>
10:00	Hamin Lee	<i>Investigating the molecular mechanism of mitochondrial disease (and implication of sex)</i>
10:15	Lily Hopkins	<i>Improving the effectiveness of diabetes self-management programmes in low-and middle-income countries through behaviour change approaches</i>
10:30	Emily Carr	<i>TBC</i>
10:45	Sam Sadoo	<i>Newborn brain injury: predicting death and disability in low and middle income countries</i>
11:00		Morning Tea
11:20	Alastair Clements	<i>Rapid fire talk: Optimising combination antibiotic-phage therapies against MRSA: an interdisciplinary approach</i>
11:30	Amelia Williams-walker	<i>Rapid fire talk: Antimicrobial resistance of community-acquired urinary tract infections</i>
11:40	Chaelin Kim	<i>Rapid fire talk: Impact of fluoroquinolone resistance on the cost-effectiveness of empiric treatment for MDR/RR tuberculosis</i>
11:50	Jemima Hair	<i>Rapid fire talk: Preventing preterm birth and growth restriction in areas of high infectious disease burden</i>
12:00	Matt Hazel	<i>Rapid fire talk: The toxic effects of chemotherapy to the heart</i>
12:10	Shereen Hussain	<i>Rapid fire talk: Noise & mental health: Investigating the effects of environmental noise on mental health in children and adolescents</i>
12:20	Will Wilson	<i>Rapid fire talk: Infection outcomes in blood cancer survivors</i>
12:30	Sophia DonVito	<i>Rapid fire talk: Using Plasmodium knowlesi to investigate how human DARC alleles affect Plasmodium vivax red blood cell binding.</i>

12:40	David Rebellon-Sanchez	Rapid fire talk: <i>Defining new asthma phenotypes using high dimensional data</i>
12:50	Seb Bowyer	<i>The Winter Vomiting Glitch: Machine learning grants new insights into Norovirus data</i>
13:05	Morgan Lemin	<i>Enhancing visual diagnostics for female genital schistosomiasis with machine learning and novel technology</i>
13:20	Lunch	
14:20	Emily Humphreys	<i>Paternity leave, mental health and wellbeing for new parents: evidence from a national survey in the UK</i>
14:35	Karen Lau	<i>Occupational injury and mortality in migrant workers: understanding the intersection between migration and work as social determinants of health</i>
14:50	Lucy Smith	<i>Assessing the impact of different storage conditions on the preservation of Schistosoma haematobium DNA for female genital schistosomiasis diagnosis</i>
15:05	Clara Brigitta	<i>Investigating the potential impact of disrupted maternal immunity on RSV disease rates in young children</i>
15:20	Jamie James	<i>Investigating the interplay between NKG2D ligands, SARS-CoV-2 infected epithelial cells and gamma delta t cells</i>
15:35	Sarah Mulwa	<i>The use of mediation analysis in evaluation of complex HIV prevention interventions</i>
15:50	Voting and afternoon tea	
16:25	James Osbourne	Alumni talk
16:40	Sally Hayward	Alumni talk
17:05	Jake Kemp	Mental health talk
17:20	Prizes and close	

Who gave your favourite talk today?

Write their name above to vote for them in the people's prize.