



Elizabeth Blackwell Institute Funded Projects 2024

Applicant/Principal Investigator(s)	Faculty	School	Project
AI in Health Awards			
Emanuele Ratti	Arts, Law and Social Sciences	Philosophy	Capabilities and Responsible AI in Healthcare
Qiang Liu	Science and Engineering	Engineering Mathematics and Technology	Using Artificial Intelligence to Identify Disease Phenotypes in Alzheimer's Disease through Cellular Morphology
Danielle Paul	Health and Life Sciences	Physiology Pharmacology and Neuroscience	Leveraging AlphaFold2 for Translational Cardiovascular Discovery Research
Helen Smith	Health and Life Sciences	Bristol Medical School	Professional Ethical Guidance for Healthcare AI Use
Luca Iart Shytaj	Health and Life Sciences	Cellular & Molecular Medicine	Assessment of the integration of molecular docking with AI-based design of personalised vaccines

Global Health Fellowship			
Angus De Wilton	Health and Life Sciences	Bristol Medical School	Improving tuberculosis diagnosis and treatment through novel testing modalities and biomarkers
David Hettle	Health and Life Sciences	Bristol Medical School	Evaluating the impact of the BioFire® FilmArray® blood culture panel in rapid diagnostics and antimicrobial stewardship in Zimbabwe
Jack Stanley	Health and Life Sciences	Bristol Medical School	Investigating practices around antimicrobial prescribing in Harare, Zimbabwe

Franklin-Adams Research Award			
Nick Townsend	Arts, Law and Social Sciences	Policy Studies	Community Participatory Research for Adolescent Health Promotion in Diverse Communities in Bangladesh

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Franklin-Adams Project Award			
Emma Anderson	Health and Life Sciences	Bristol Medical School	Training Azerbaijani paediatricians in communicating about vaccinations with caregivers – AzPIC Study

International Research Partnerships			
Josephine Walker	Health and Life Sciences	Bristol Medical School	One Health Approaches to Understand Climate Impacts on Water-Related Disease in South Africa and Ethiopia
Sion Bayliss	Health and Life Sciences	Bristol Medical School	Using nanopore sequencing for rapid antimicrobial resistance profiling of Non-typhoidal Salmonella in South Africa
Aaron Lim	Health and Life Sciences	Bristol Medical School	Building the foundation for hepatitis B virus modelling in Cambodia
Judy Bettridge	Health and Life Sciences	Bristol Veterinary School	Kenyan Community One Health Guidelines for Antimicrobial Prescribing