



## Elizabeth Blackwell Institute Funded Projects 2022

Applicant/Principal Investigator(s)	Faculty	School	Project
<b>Clinical Primers</b>			
Eleanor Best	Life Sciences	Biochemistry	Natural Product Antibiotic Drug Discovery: Exploring deep sea microorganisms and associated metabolites as potential sources for the development of novel antimicrobial agents
Frances Edwards	Life Sciences	Cellular & Molecular Medicine	Exploring genetic mechanisms underpinning diagnostic uncertainties in susceptibility to piperacillin/tazobactam
Sophia Muschik	Health Sciences	Bristol Medical School - Translational Health Sciences Dept	Feasibility and acceptability of data collection from (patient-clinician-family) conversations in which decisions regarding high-risk emergency interventions are made
Eben Jones	Life Sciences	Cellular & Molecular Medicine	Investigating the impact of metformin in modulating the metabolism of T cells in dengue patients with obesity
Daniel Castillo	Life Sciences	Biochemistry	Using gene editing to understand erythropoietin receptor signalling
Laura Skinner	Health Sciences	Bristol Medical School - Translational Health Sciences Dept	Investigating the role of glomerular endothelial glycocalyx dysfunction in the renal injury of pre-eclampsia
Anna Gordon	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Sexual Health Amongst Syrian Refugees in the Beqaa Valley
Miranda Rogers	Health Sciences	Bristol Medical School - Translational Health Sciences Dept	Nanoparticle Gene Therapy for Autosomal Dominant Polycystic Kidney Disease CHANGED to AAV-mediated CRISPR/Cas9 gene therapy for nephrotic syndrome
Suzanne Harrogate	Health Sciences	Bristol Medical School - Translational Health Sciences Dept	Perioperative tobacco-cessation in people undergoing vascular surgery

<b>EBI COVID-19 support scheme for early career researchers</b>			
Lucy Beasant	Health Sciences	Bristol Medical School – Centre for Academic Child Health	Treatment preference and equipoise in paediatric randomised controlled trials (RCTs): Developing a recruitment communication training programme for paediatric RCTs using qualitative methodology
Asme Boussahel	Life Sciences	Cellular & Molecular Medicine	"3D Bioprinting of Monocytes with an ECM Mimicking Hydrogel as an In- Vitro Model of the Human Subcutaneous Tissue"
Barbara Caddick	Arts & Health Sciences	Humanities & Centre for Academic Primary Care	An Historical Exploration of Antibiotic Use in Primary Health Care
Vicky Carlisle	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Factors Influencing Recovery in Opioid Substitution Treatment
Anna Chambers	Life Sciences	Biochemistry	Roles of the Irc5/HELLS subfamily of chromatin remodelling enzymes in maintenance of genome stability
Lorna Duncan	Health Sciences	Bristol Medical School – Population Health Sciences Dept	COVID-19 and NHS general practice
Ore Francis	Health Sciences	Bristol Vet School	Development of standardised virus pseudotype assay to quantify SARSCoV-2 neutralising antibodies in saliva and serum.
Alice Halliday	Life Sciences	Cellular & Molecular Medicine	Understanding respiratory pathogen antigenicity and immunodominance for the rational design of mucosal vaccines.
Barny Hole	Health Sciences	Bristol Medical School – Population Health Sciences Dept	How many UK adults developed kidney failure since the year 2000?
Bethan Lloyd-Lewis	Life Sciences	Cellular & Molecular Medicine	Breast epithelial plasticity - Deciphering the contribution of development and age to breast cancer aetiology
Abi Merriel	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Improving Antenatal Care through Antenatal Education (ACE) and Supporting Decision Making (SDM)
Vikki Neville	Health Sciences	Bristol Vet School	Contract extension: Animal affect, welfare, and decision-making: a computational modelling approach
Lindsay Sinclair	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Using genetic risk of depression to identify new pathways involved in the development of depression in Alzheimer's Disease

Tracey Stone	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Engaging disadvantaged communities in Temple Quarter to widen access to palliative care and bereavement support (with revised focus on the effects of COVID-19 and lockdown)
Joe Webb	Social Sciences & Law	Policy Studies	GP experiences and perceptions of communication in remote consultations for patients with learning disabilities
Lasani Wijetunge	Life Sciences	Physiology, Pharmacology & Neuroscience	Neuromodulation of Sensory Processing
<b>MRC Confidence in Concept Uplift</b>			
Emma Clark	Health Sciences	Bristol Medical School – Translational Health Sciences Dept	Further Development of Vfrac in Men: an Osteoporotic vertebral fracture screening tool for use in older people with back pain.
Ingeborg Hers	Life Sciences	Physiology, Pharmacology & Neuroscience	Development of a novel therapy for patients with severe pulmonary arterial hypertension.
Andrew Dowsey	Health Sciences	Bristol Vet School	Health Sciences Enterprise And Innovation Mentorship Programme 2022
<b>EBI/DARO Mental health research next step funding scheme</b>			
Bruce Hood	Life Sciences	Psychological Science	Evaluation of an Online Science of Happiness (OSoH) Course on Student Mental Well-Being
Oliver Davis	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Social media, help-seeking and peer support in student mental health
Alex Kwong	Health Sciences	Bristol Medical School – Population Health Sciences Dept	The long term impact of COVID-19 on mental health: comparisons between health record linkage and observed longitudinal data
Hannah Sallis	Life Sciences	Psychological Science	Understanding Causal Predictors of Mental Wellbeing
<b>Discovery Research Support</b>			
Ahmed Elhakeem	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Applied penalised regression spline analysis
Ian Cadby	Health Sciences	Bristol Vet School	Establishing cultivation of intracellular bacteria at the Bristol Veterinary School
Caroline Bull	Health Sciences	Bristol Medical School – Translational Health Sciences Dept	Reformulating cell culture media to mimic disease physiology using epidemiological data
Sam Williams	Life Sciences	Biochemistry	Disseminating knowledge on frontier metabolomics and metabologenomics to accelerate Bristol based discovery science

Paul Anastasiades	Health Sciences	Bristol Medical School – Translational Health Sciences Dept	Characterising novel opsins for two colour optogenetics
<b>Academic Training Support funding scheme</b>			
Stephan Lewandowsky	Life Sciences	Psychological Science	A global computational model of the public's privacy and risk calculus during the COVID-19 pandemic.
Anna McNaughton	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Presenting study at European Association for the Study of the Liver conference, 2022
Amberly Brigden	Engineering	Computer Science, Electrical and Electronic Engineering, and Engineering Maths	Training course fees: Modelling the Dynamics of Intensive Longitudinal Data
Jack Stone	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Presenting research at the International Union Against Sexually Transmitted Infections World Congress 2022
Aaron Lim	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Professional Development and Networking Event for Early- and Mid-Career Researchers (EMCRs) attending the Annual Meeting of International Network on Health and Hepatitis in Substance Users (INHSU)
Michele Carrabba	Health Sciences	Bristol Medical School – Translational Health Sciences Dept	International Conference On Biofabrication 2022 - Podium Presentation
Francesca Bartoli-Leonard	Health Sciences	Bristol Medical School – Translational Health Sciences Dept	Introduction to multiomics data integration and visualisation
Caragh Wells	Art	Modern languages	Psychodynamic Foundation Course – Training to complete an intensive course in Psychodynamic Counselling Skills to support my teaching and research.
<b>Research for Equality, Diversity &amp; Inclusion in Health and Biomedicine</b>			
Caroline McKinnon (Amber Roguski co-i)	Life Sciences	Biochemistry	Inclusive Research Collective
Konrad Staines	Health Sciences	Bristol Dental School	Diversifying Oral Medicine's clinical images(DOMci) in Health Science teaching: creating an EDI inspired educational e-resource for dentistry, dental hygiene and therapy and medical undergraduates.
Sarah Denford	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Co-creating public health support and guidance for high-risk populations during extreme weather events
Yvette Pyne	Health Sciences	Bristol Medical School – Centre for Academic Primary Care	Understanding Perimenopause in Underserved Bristol Communities

Nilu Ahmed	Health Sciences	Bristol Dental School	Barriers and facilitators to inclusion for dental students
Alyson Huntley	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Equity, Diversity, and Inclusion (EDI) thinking in systematic reviews: A study within reviews (SWAR) on EDI tools for the awareness and consideration of EDI in systematic reviews
Giovanni Biglino	Health Sciences		REACH x YES An international collaboration to promote LGBT access and inclusion in medical technologies
Helen Smith	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Reasonable Adjustments for Autistic Clinicians (RAAC)
Isabel Murilo Cabeza	Life Sciences	Cellular & Molecular Medicine	Menopause Awareness in a Higher Education Institution's student population
<b>Workshop Support</b>			
Emma Anderson	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Don't be poor! How can we do better with our health behaviour interventions? Developing cross-disciplinary approaches from a social justice perspective.
<b>EBI/Prudence Trust Fellowship</b>			
Naomi Warne	Health Sciences	Bristol Medical School – Population Health Sciences Dept	Preventing anxiety and depression in schools: Co-production of a novel arts-based programme