



Elizabeth Blackwell Institute Funded Projects 2014

Applicant/Principal Investigator(s)	Faculty	School	Project
Clinical Primers			
Helen Bould	Medicine & Dentistry	Social and Community Medicine	Body Dissatisfaction, Eating Disorders & Schools
Caroline Platt	Medicine & Dentistry	Clinical Sciences	Podocyte PPAR-gamma activation will prevent progression in diabetic and non-diabetic kidney disease
Hannah Taylor	Medical & Veterinary Sciences	Physiology & Pharmacology	Investigating the early interactions between ovarian cancer cells and the metastatic stroma
Adam Chambers	Medical & Veterinary Sciences	Cellular and Molecular Medicine	Role of BAG-1 and BCL-3 in colorectal carcinogenesis
Neha Pathak	Medicine & Dentistry	Social and Community Medicine	To evaluate whether the IRIS model improves identification of DV and referral to specialist DV advocacy services in the sexual health setting
Veterinary Primers			
Susan Armstrong	Medical & Veterinary Sciences	Biochemistry, Physiology & Pharmacology & Vet Science.	Studying the effect of mechanical loading on osteoarthritis susceptibility gene expression in articular cartilage

Early Career Fellowships			
Jenna Cash	Medical & Veterinary Sciences	Physiology & Pharmacology	Characterising and reprogramming the acute and chronic wound microenvironments: an in vivo approach
Phil Clatworthy	Science	Experimental Psychology	Brain plasticity and perceptual learning following brain injury: paving the way for individualised visual rehabilitation
Becky Mars	Medicine & Dentistry	Social & Community Medicine	Developing and evaluating an E-health intervention package to reduce self-harm repetition and improve mental well-being in adolescence
Senior Fellowships			
Ian Penton-Voak	Science	Experimental Psychology	Testing evolutionary hypothesis of social outcomes in ALSPAC
Conor Houghton	Engineering	Merchant Venturers School of Engineering	Computational neuroscience: practice not theory.
Catalyst Fund			
Thorsten Wagener	Engineering	Queens' School of Engineering	'Integrating Mobility of Humans and Animals with Hydrological extremes to understand Infectious Diseases Assessed through Spatially---explicit modelling (MHAHIDAS)

TRACK (Translational Acceleration and Knowledge Transfer) Awards			
Richard Lee	Medicine & Dentistry	Clinical Sciences	Antibody Drug Conjugates for Steroid Refractory Inflammatory Disease
Jonathan Rossiter and Andrew Conn	Engineering	Engineering Mathematics & Mechanical Engineering	Characterisation of a soft robotic valve for total larynx replacement
Sarah Baillie	Medical & Veterinary Sciences	Veterinary Science	Validation of a Haptic Simulator for Prostate Examination Training
Ela Chakkarapani	Medicine & Dentistry	Clinical Sciences	Optimal duration of xenon therapy with cooling for newborns with hypoxic-ischaemic encephalopathy: pilot study
Linda Wooldridge	Medical & Veterinary Sciences	Cellular & Molecular Medicine, Vet Sciences, Biochemistry	Molecular design of CD8 within a pre-defined therapeutic window for superior cancer treatment
Michele Barbour	Medicine & Dentistry	Oral & Dental Sciences	Developing specialist polymer-based wound care products using chlorhexidine nanoparticles
Allison Blair	Medical & Veterinary Sciences	Cellular & Molecular Medicine	Validation of in vivo model of childhood leukaemia for therapeutic evaluation

Research for Health			
Bo Su	Medicine & Dentistry	Oral & Dental Sciences	Biomimetic Materials and Surfaces for Total Hip Arthroplasty (THA)
Ian Craddock and Beatriz Monsalve	Engineering	Electrical & Electronic Engineering (Merchant Venturers)	Quantitative Microwave Imaging for Measurement of Malrotation in Total Knee Arthroplasty
Iain Gilchrist	Science	Experimental Psychology	Adaptive nudge to optimise decision-making in the intensive care unit
Patricia Lucas	Social Science & Law	Policy Studies	Understanding Inequalities in child oral health in Bristol: Who attends, for what procedures, and who is missing from the services
Maria Pufulete	Medicine & Dentistry	Clinical Sciences	Developing a multi-component prehabilitation intervention to improve outcomes for people undergoing surgery for cancer
Returning Carers' Scheme			
Nina Balthasar	Medical & Veterinary Sciences	Physiology and Pharmacology	
Kristen Reyher	Medical & Veterinary Sciences	Vet Science	