



## Elizabeth Blackwell Institute Funded Projects 2015

Applicant/Principal Investigator(s)	Faculty	School	Project
<b>Clinical Primers (Medical)</b>			
Kate Hawton	Health Sciences	Clinical Sciences	'Eating rate and fMRI'
Emily Bowen	Health Sciences	Clinical Sciences	'Glomerular disease'
Ben Faber	Health Sciences	Clinical Sciences	'Understanding the genetic determinants of osteoarthritis: the role of hip shape'
Sophie Walker	Biomedical Sciences	Physiology & Pharmacology	'To assess how dietary in utero exposure alters the offspring hypothalamic epigenome'
Charlotte Murkin (ConDucTII Hub Primer)	Health Sciences	Social & Community Medicine	'Randomised controlled trials in surgery'
<b>Clinical Primers (Veterinary)</b>			
Grace Edmunds	Biomedical Sciences	Cellular & Molecular Medicine	'Proteomic analyses to assess the effects of adenosine on CD8+ tumour-infiltrating lymphocytes: A step towards the restoration of effective anti-tumour immunity'
Alex Smith	Biomedical Sciences	Physiology & Pharmacology	'Novel pacing device for improving cardiac output'

<b>Applicant/Principal Investigator(s)</b>	<b>Faculty</b>	<b>School</b>	<b>Project</b>
<b>Early Career Fellowships</b>			
Kate Smith	Biomedical Sciences	Biochemistry	'Molecular mechanisms underlying disrupted Excitatory/Inhibitory (E/I) balance and relevance to neuropsychiatric disease'
Michael Knight	Science	Experimental Psychology	'New quantitative MRI approaches and disease modelling applied to ageing processes and stroke'
Alison Gregory	Health Sciences	Social & Community Medicine	'Preventing the ripple-out effect: development of proactive support for the friends and family members of domestic violence survivors'
<b>Post Graduate Extension Fund</b>			
Ruth Mitchell	Health Sciences	Social & Community Medicine	'Application of genetic and epigenetic epidemiological methods to immune-related traits'
Michelle Taylor	Biomedical Sciences	Physiology & Pharmacology	'Bridging the gap between psychiatry and addiction through sleep'
John Grogan	Health Sciences	Social & Community Medicine	'Dopamine related polymorphisms in healthy memory and dementia'
<b>Catalyst Fund</b>			
Ariel Blocker	Biomedical Sciences	Cellular & Molecular Medicine	'Rational vaccine design: can one identify protective antigens systematically in silico? A pilot study focusing on epitope design for Shigella and Salmonella vaccines'
Andrew Conn	Engineering	Queens School of Engineering	'Cilia-inspired microfluidic manipulators for lab-on-a-chip diagnostic devices'

Applicant/Principal Investigator(s)	Faculty	School	Project
<b>Identifying Candidates for Wellcome Trust Investigator Awards</b>			
Victoria Bates	Arts	Humanities	'The Art of Medicine: The 'Humanisation' of Healthcare and Medical Education, 1910-1993'
Oliver Davis	Health Sciences	Social & Community Medicine	'DNA and the city: digital technologies for exploring genetically moderated responses to the urban environment'
Claire Haworth	Science	Experimental Psychology	'Exploring the causal pathways between mental wellbeing and cardiovascular health'
<b>Research for Health</b>			
Alin Achim	Engineering	Merchant Venturers	'B-Line Quantification in Lung Ultrasound Images for Fluid Overload Determination in Children Receiving Dialysis'
Helen Baxter	Health Sciences	Social & Community medicine	'An explorative study of the utility and acceptability of a Comprehensive Geriatric Assessment (CGA) toolkit within primary care'
Matt Hickman	Health Sciences	Social & Community medicine	'Preventing and managing community acquired MRSA in PWID'
Suzanne Gage & Rosie Cornish	Science & Health Sciences	Experimental Psychology & Social & Community Medicine	'Assessing the association between screen time and anxiety in UK adolescents: a prospective longitudinal study using the ALSPAC cohort'
John Day	Science	Physics	'Feasibility study of spectroscopic methods for real-time measurement of kidney perfusion'
Andrew Mumford	Biomedical Sciences	Cellular & Molecular Medicine	'Peripheral blood markers of steroid resistance in autoimmune thrombocytopenia'

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<b>Returning Carers' Scheme</b>			
Bronwen Burton	Biomedical Sciences	Cellular & Molecular Medicine	'Test the hypothesis that CD4+ T cell-derived Angiopoietin-like 2 plays an anti-inflammatory role in the context of antigen-specific immunotherapy of experimental autoimmune disease'
<b>Translational Proof of Concept Awards</b>			
Allison Blair	Biomedical Sciences	Cellular & Molecular Medicine	'Development of pluronic micelle nanocarriers for the treatment of childhood acute lymphoblastic leukaemia'
Alastair Poole	Biomedical Sciences	Physiology & Pharmacology	'Assessing the potential of acetazolamide as an antithrombotic'