



Elizabeth Blackwell Institute Funded Projects 2016

Applicant/Principal Investigator(s)	Faculty	School	Project
Clinical Primers			
Emma Le Roux	Health Sciences	Social & Community Medicine	'GP training, experience and confidence in managing eczema'
Kate Franklin	Health Sciences	Social & Community Medicine	'Investigating the influence of maternal depression or taking antidepressants during pregnancy on the risk of having a child with an autism spectrum disorder (ASD)'
Gráinne Neary	Health Sciences	Clinical Sciences	'Development and biological evaluation of fluorophosphonate-functionalised hydroxyapatite (HA) for orthopaedic applications'
Georgina Newman	Health Sciences	Clinical Sciences	'Diabetic Nephropathy'
Robert Spaul	Health Sciences	Clinical Sciences	'Neural progenitor cells in premature infant CSF'

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Early Career Fellowships			
Iryna Culpin	Health Sciences	Social & Community Medicine	'Fathers' involvement and child emotional and behavioural development in the context of maternal postnatal depression'
Marc Amoyel	Biomedical Sciences	Cellular & Molecular Medicine	'The genetics of stem cell competition'
Vicky Hunt	Science	Biological Sciences	'The roles of MIRNAS in parasitic nematode infection'
Post Graduate Extension Fund			
Leila Thuma	Health Sciences	Social & Community Medicine	'Genetics of wound healing – BCG scar study'
Catalyst Fund			
John Macleod	Health Sciences	Social & Community Medicine	'Bristol's "Digital Population Health Laboratory": scoping exercise and exemplar application'
John Henderson	Health Sciences	Social & Community Medicine	'Testing the feasibility and user acceptability of integrating wearable air pollution monitors into large population based studies'
Alan Champneys	Engineering	Merchant Venturers' School of Engineering, Engineering Mathematics	'Change-point and tipping point detection for routinely collected health monitoring data'

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Bridging Funds for Senior Fellows			
Rachael Hughes	Health Sciences	Social & Community Medicine	'Analysis of genetic studies in the presence of selection bias and missing data'
Shelley Potter	Health Sciences	Social & Community Medicine	'Oncoplastic breast surgery'
Translational Acceleration and Knowledge Transfer (TRACK) Awards			
Carol Joinson	Health Sciences	Social & Community Medicine	'User-centred development of a prototype smartphone application to support the management of daytime urinary incontinence in young people'
Michele Barbour	Health Sciences	Oral & Dental Sciences	'A novel, emulsion gel formulation of sustained release chlorhexidine to prevent umbilical cord infection and improve outcomes for neonates in developing countries'
Paddy Horner	Health Sciences	Social & Community medicine	'Detection of seminal bacterial sialidase activity in men provides a new therapeutic opportunity for infertile couples'
Kate Robson-Brown	Arts	Anthropology Imaging Laboratory, School of Arts	'Patient specific bone substitutes'

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MRC Confidence in Concept Awards			
Marcus Drake	Health Sciences	Clinical Sciences	'Urinary catheter redesign to reduce complications and improve tolerability'
Colin Chu	Health Sciences	Clinical Sciences	'Viral Gene Therapy for Glaucoma using CRISPR-Cas9'
Jonathan Rossiter	Engineering	Merchant Venturers' School of Engineering, Engineering Mathematics	'Implantable soft robotic device to treat vocal fold paralysis'
Matt Crump	Science	Chemistry	'IGF2-TRAP development; preparation for funding applications for a first-in-man trial'
Cathy Williams	Health Sciences	Social & Community Medicine	'Confidence in Concept for "EyeTrain": a novel therapy to improve oculomotor control in children with Special Educational Needs (SEN)'
Wael Kafienah	Biomedical Sciences	Cellular & Molecular Medicine	'A preclinical model for the treatment of osteoarthritis using chondrogenic human induced pluripotent stem cells'
Julian Paton	Biomedical Sciences	Physiology, Pharmacology & Neuroscience	'First electroceutical analog device with biofeedback'

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MRC Proximity to Discovery Awards			
Moin Saleem	Health Sciences	Clinical Sciences	'Complex modelling of glomerular disease for antifibrotic drug screens - UCB Pharma'
Tom Richardson	Health Sciences	Social & Community Medicine	'Maximising an existing relationship & cases study – Sanofi'
Melanie Chalder	Health Sciences	Social & Community Medicine	'Living well in older age: a collaborative approach to 'what works' – Brunelcare'
Helen Baxter	Health Sciences	Social & Community Medicine	'Using the researcher in residence model to facilitate collaboration between academia and the telecommunications industries'
Esther van der Werf	Health Sciences	Social & Community Medicine	'Delegation visit to Industry: Effects of Philips Anti-Allergen with NanoProtect S3 Filter© on infection transmission in day care nurseries'
Darryl Hill	Biomedical Sciences	Cellular & Molecular Medicine	'Delegation visit to Industry: Neisserial vaccine development and evaluation'
Becky Foster	Health Sciences	Clinical Sciences	'Delegation visit to Industry: Commercial opportunities between Bristol Renal and Evotec'