

Senior Supervisors List

The table below details the Senior Supervisors currently available to supervise projects on the GW4-CAT HP Programme.

Name	Position	email address	Research area	ORCID ID
Dr Harry Ahmed	Senior Clinical Lecturer in Epidemiology. Director, Academic Fellows Scheme	ahmedh2@cardiff.ac.uk	Epidemiology, linked healthcare records	0000-0002-0634-8548
Prof Davina Allen	Head of Research and Innovation, School of Healthcare Sciences	allenda@cardiff.ac.uk	Research interests in nursing, healthcare work organisation and service improvement	0000-0002-6729-7502
Prof John Atask	Director, Medicines Discovery Institute	atackj@cardiff.ac.uk	Drug discovery	0000-0001-5177-4741
Prof Duncan Baird	Chair, School of Medicine, Professor of Cancer and Genetics	bairddm@cardiff.ac.uk	Telomere biology	0000-0001-8408-5467
Prof Monica Busse-Morris	Director of Mind, Brain and Neuroscience Trials School of Medicine	busseme@cardiff.ac.uk	The development, evaluation and understanding of interventions such as physical activity & behavioural change required to inform outcomes in health conditions	0000-0002-5331-5909
Prof Matthias Eberl	Professor of Translational Immunology, Division of Infection and Immunity. Joint Academic Lead for Public Involvement and Engagement, School of Medicine.	eberlm@cardiff.ac.uk	The molecular and cellular basis of host-pathogen relationships and the underlying modulation of complex immune responses	0000-0002-9390-5348
Prof Donald Fraser	Director Wales Kidney Research Unit	fraserdj@cardiff.ac.uk	Mechanisms underlying injury & scarring in the kidney and peritoneum	0000-0003-0102-9342
Prof Awen Gallimore	Co-Director of Systems Immunity Research Institute	gallimoream@cardiff.ac.uk	Identifying the correlates of anti-viral and anti-cancer immunity to inform the design of new treatments	0000-0001-6675-7004
Prof Jeremy Hall	Director – Division of Psychiatry and Clinical Neuroscience, Director – Neuroscience and Mental Health Research Institute, Hon. Consultant Psychiatrist.	hallj10@cardiff.ac.uk	Psychiatric translational models	0000-0002-0403-3278
Ben Hannigan	Professor: Mental Health Nursing and Director of Postgraduate Research	hanniganb@cardiff.ac.uk	Using health and social sciences methodology to study mental health	0000-0002-2512-6721

			systems including policy; service organisation and delivery; work, roles and values	
Prof Neil Harrison	Clinical Professor in Neuroimaging	harrisonn4@cardiff.ac.uk	Immunopsychiatry	0000-0002-9584-3769
Prof Ian Humphreys	Director of Systems Immunity Research Institute. Wellcome Trust Senior Research Fellow. Infection Lead, Division of Infection and Immunity	humphreysir@cardiff.ac.uk	The regulation of immune responses during viral infections	0000-0002-9512-5337
Prof Simon Jones	Dean of Research; Co-Director of Systems Immunity Research Institute; Research Theme Lead – Infection, Inflammation & Immunity	jonessa@cardiff.ac.uk	Cytokines	0000-0001-7297-9711
Prof Kevin Murphy	Wellcome Trust Senior Research Fellow Head of Brain Imaging Group	murphyk2@cardiff.ac.uk	Functional MRI	0000-0002-6516-313X
Prof Valerie O'Donnell	Professor of lipid biochemistry, Division of Infection and Immunity	o-donnellvb@cardiff.ac.uk	Discovery & characterisation of new lipids made by circulating vascular cells that regulate immune defence and blood clotting	0000-0003-4089-8460
Prof Frances Rice	Professor of Developmental Psychopathology, Division of Psychological Medicine and Clinical Neurosciences	ricef2@cardiff.ac.uk	Developmental psychopathology	0000-0002-9484-1729
Dr Victoria Shepherd	NIHR Doctoral & Advanced Fellow (Nurse)	shepherdv1@cardiff.ac.uk	Ethics/Decision Making	0000-0002-7687-0817
Prof Valerie Sparkes	Director: Biomechanics and Bioengineering Research Centre Versus Arthritis	sparkesv@cardiff.ac.uk	Spinal pain dysfunction	0000 0003 4500 9327
Prof Richard Stanton	Professor of Virology, School of Medicine	stantonrj@cardiff.ac.uk	The biology, immunology and diagnosis of human cytomegalovirus (HCMV) as well as the development of recombinant adenovirus vectors	0000-0002-6799-1182
Prof Anita Thapar	Division of Psychological Medicine and Clinical Neurosciences	thapar@cardiff.ac.uk	Child neurodevelopmental disorders and depression	0000-0002-3689-737X
Prof David Thomas	Professor/Hon Consultant in Oral & Maxillofacial Surgery, Programme Director Implant Dentistry	thomasdw2@cardiff.ac.uk	Cellular and Molecular Control of human wound healing The role of bacteria in impaired wound healing The development of novel	

			nanomedicines for application in anti-infective and wound healing applications	
Prof James Walters	Director, MRC Centre for Neuropsychiatric Genetics and Genomics; Deputy Director/Professor, Division of Psychological Medicine and Clinical Neurosciences	waltersjt@cardiff.ac.uk	Psychiatric genetics	0000-0002-6980-4053
Dr Jennifer Allen	Reader (Research Director), Department of Psychology Director of the SHINE research lab Reader and Director of Research on the DCLinPsy programme.	ja980@bath.ac.uk	Child emotional and behavioural disorders. Understanding the role of environmental factors in risk pathways to child psychopathology.	0000-0003-3566-3747
Prof Chris Eccleston	Innovation in pain management Research, development and consultancy in pain and rehabilitation	C.Eccleston@bath.ac.uk	Pain management and rehabilitation	0000-0003-0698-1543
Dr Pedro Estrela	Director of Centre for Biosensors, Bioelectronics and Biodevices (C3Bio)	P.Estrela@bath.ac.uk	Biosensors and Lab-on-Chip devices for medical diagnosis; companion diagnostics; detection of analytes in different media	0000-0001-6956-1146
Prof Richie Gill	Co-Vice Chair of Centre for Therapeutic Innovation (CTI) Innovation in musculoskeletal (MSK) treatment	R.Gill@bath.ac.uk	Orthopaedic (MSK) engineering hip and knee joint function, disease and treatment	0000-0002-7740-2062
Prof Fiona Gillison	Head of Department for Health Centre for Motivation and Health	F.B.Gillison@bath.ac.uk	Improving health behaviours to prevent and reduce obesity	0000-0002-6461-7638
Prof Richard Guy	Department of Life Sciences	R.H.Guy@bath.ac.uk	Skin barrier function, characterisation and transdermal drug delivery	0000-0003-3227-9862
Prof Sarah Halligan	Professor of Child and Family Mental Health	S.L.Halligan@bath.ac.uk	The development of psychological disorders especially PTSD & depression in young people	0000-0002-3436-3358
Dr Matthew Jones	Senior Lecturer, Department of Life Sciences Centre for Doctoral Training in Aerosol Science	M.D.Jones@bath.ac.uk	Medicines information and medicines safety and particularly the links between them Respiratory drug delivery	0000-0002-2617-4098
Prof Robert Kelsh	Professor of Stem Cell Development	R.N.Kelsh@bath.ac.uk	Neural crest (stem) cell development, especially fate specification	0000-0002-9381-0066

Prof Edmund Keogh	Professor of Psychology	E.M.Keogh@bath.ac.uk	Psychosocial mechanisms of pain	0000-0002-1615-3699
Prof Jonathan Knight	Pro-Vice-Chancellor (Research)	pysick@bath.ac.uk	Photonics and optical physics	0000-0002-0802-8804
Prof Banafshe Larijani	Professor of Therapeutic Innovation	B.Larijani@bath.ac.uk	Cross disciplinary research (physical sciences) to develop novel avenues for investigation of biological processes in signalling	0000-0003-4735-1169
Dr Anita McGrogan	Senior Lecturer in Pharmacoepidemiology	A.McGrogan@bath.ac.uk	Medication utilisation and medication safety in vulnerable populations	0000-0003-3855-9400
Prof Neil McHugh	Professor of Rheumatology	N.J.McHugh@bath.ac.uk	Serology of idiopathic inflammatory myositis, scleroderma, lupus and juvenile idiopathic arthritis Early detection and treatment guidelines in psoriatic arthritis	0000-0003-2765-658X
Prof Randy Mrsny	Professor, Department of Life Sciences Centre for Therapeutic Innovation	R.J.Mrsny@bath.ac.uk	Aspects of epithelial cell structure/function in health and disease	0000-0001-8505-8516
Prof Adele Murrell	Professor of Epigenetics	A.M.Murrell@bath.ac.uk	Tumorigenesis and metastasis disruption to genome organisation leading to the aberrant expression of several genes related to cancer cell survival	0000-0003-2647-3511
Dr Prasad Nishtala	Reader, Department of Life Sciences Centre for Therapeutic Innovation	P.Nishtala@bath.ac.uk	Coordinated approach to accelerate real-world evidence using Big data to improve ageing and pioneer translational research to improve the safety of medicines in the ageing population	0000-0002-4155-8540
Prof Andrew Preston	Department of Biology & Biochemistry Milner Centre for Evolution	A.Preston@bath.ac.uk	Bacterial pathogenesis	0000-0002-1489-280X
Prof Samuel Sheppard	Department of Biology & Biochemistry Milner Centre for Evolution Centre for Mathematical Biology	S.K.Sheppard@bath.ac.uk	The use of genetics/genomics and phenotypic studies to address complex questions in the ecology, epidemiology and evolution of microbes	0000-0001-6901-3203
Dr Paula Smith	Senior Lecturer Palliative and end of life care	P.C.Smith@bath.ac.uk	Palliative and end of life care	0000-0002-2945-8694

Prof Dylan Thompson	Professor of Human Physiology	D.Thompson@bath.ac.uk	Physical activity, exercise and nutrition	0000-0002-6312-1518
Prof Stephen Ward	Professor of Pharmacy and Pharmacology	S.G.Ward@bath.ac.uk	Mechanisms of inflammation and fibrosis	0000-0002-6795-6002
Prof Christiane Berger-Schaffitzel	Wellcome Trust Investigator, Professor of Biochemistry	christiane.berger-schaffitzel@bristol.ac.uk	How cells recognize problems during protein synthesis and target the defective proteins and their encoding mRNAs to degradation	0000-0002-1516-9760
Prof Andrew Dick	Professor of Ophthalmology	A.Dick@bristol.ac.uk	Inflammatory eye disease	0000-0002-0742-3159
Prof Andrew Dowsey	Chair in Population Health Data Science, Bristol Veterinary School Bristol Population Health Science Institute	andrew.dowsey@bristol.ac.uk	the facilitation and acceleration of health sciences research through novel artificial intelligence and statistical data science methodology	0000-0002-7404-9128
Gene Feder	Professor of Primary Care, Bristol Medical School (PHS) Bristol Population Health Science Institute Centre for Academic Primary Care	Gene.Feder@bristol.ac.uk	The diagnosis and management of stable heart disease and health care responses to domestic violence	0000-0002-7890-3926
Prof Adam Finn	Professor of Paediatrics	Adam.Finn@bristol.ac.uk	Infection and immunity	0000-0003-1756-5668
Prof Tom Gaunt	Professor of Health and Biomedical Informatics and MRC Investigator, Bristol Medical School (PHS) Bristol Population Health Science Institute Programme Lead, MRC Integrative Epidemiology Unit	Tom.Gaunt@bristol.ac.uk	Understanding the mechanisms of disease, through the integration of diverse biomedical and epidemiological data; the development of software tools for analysis of these data	0000-0003-0924-3247
Prof Matthew Hickman	Professor in Public Health and Epidemiology – Deputy Head of School and Head of Population Health Science	Matthew.Hickman@bristol.ac.uk	Infectious disease control; the epidemiological and public health consequences of drug use	0000-0001-9864-459X
Prof Matthew Jones	Professorial Research Fellow in Neuroscience	Matt.Jones@bristol.ac.uk	How neurons distributed across functionally specialised brain regions share information	0000-0001-5396-3108
Prof Golam Khandaker	Professor of Psychiatry	golam.khandaker@bristol.ac.uk	Identifying novel immunological mechanisms and potential treatment targets for major psychiatric disorders	0000-0002-4935-9220

Dr Duleeka Knipe	Vice Chancellor's Fellow	Dee.Knipe@bristol.ac.uk	The social determinants of mental health especially suicide and self-harm	0000-0002-1040-7635
Prof Deborah Lawlor	Professor of Epidemiology	D.A.Lawlor@bristol.ac.uk	Womens' health and pregnancy	0000-0002-6793-2262
Prof Ruth Massey	Professor of Microbial Pathogenicity	ruth.massey@bristol.ac.uk	Using genomics to study pathogenicity	0000-0002-8154-4039
Prof Paul Moran	Professor of Psychiatry	paul.moran@bristol.ac.uk	The epidemiology and treatment of personality disorders (PD) and self-harming behaviour.	0000-0002-9257-8699
Prof Marcus Munafò	Professor of Biological Psychology	Marcus.Munafò@bristol.ac.uk	Pathways into, & consequences of, health behaviours and mental health	0000-0002-4049-993X
Prof Eugenia Piddini	Professorial Research Fellow in Cell Biology	eugenia.piddini@bristol.ac.uk	Cell competition: mechanisms and function in cancer	0000-0003-3901-076X
Dr Dheeraj Rai	Associate Professor in Neurodevelopmental Psychiatry	Dheeraj.Rai@bristol.ac.uk	Autism Spectrum Disorder	0000-0002-7239-3523
Prof Kristen Reyher	Professor of Veterinary Epidemiology and Population Health	Kristen.Reyher@bristol.ac.uk	Antimicrobial resistance	0000-0003-4912-5026
Prof Anne Ridley	Professor and Head of School, School of Cellular and Molecular Medicine, Cancer	anne.ridley@bristol.ac.uk	Cancer, cell migration, cell signalling	0000-0001-8186-5708
Prof Moin Saleem	Professor and Consultant Paediatric Nephrologist, Bristol Children's Hospital	M.Saleem@bristol.ac.uk	Glomerular disease research including podocyte biology and nephrotic syndromes	0000-0002-9808-4518
Prof Simon Satchell	Professor of Renal and Vascular Medicine, Bristol Medical School (THS)	S.C.Satchell@bristol.ac.uk	To understand the contribution of GEnC to the glomerular filtration barrier in terms of the ultrastructural features and corresponding physiology	0000-0001-5276-4537
Dr Jenny Scott	Senior Lecturer	jennifer.scott@bristol.ac.uk	Pharmacy, harm reduction and addiction	0000-0002-4920-0914
Prof Nicholas Timpson	Professor of Genetic Epidemiology	N.J.Timpson@bristol.ac.uk	The contribution of genetic factors to complex traits and the use of genetic data within frameworks of epidemiological analysis allowing causal inference	0000-0002-7141-9189
Dr Emma Vincent	Research Fellow, Bristol Medical School	emma.vincent@bristol.ac.uk	Genetic epidemiology & cancer cell biology	0000-0002-8917-7384

Dr Helen Weavers	Research Fellow, School of Biochemistry	Helen.Weavers@bristol.ac.uk	Defence strategies used by developing and repairing tissues to make them resilient to damage	0000-0002-5383-6085
Prof Michael Whitehouse	Professor of Trauma and Orthopaedics	Michael.Whitehouse@bristol.ac.uk	Orthopaedics; joint replacement & infection management	0000-0003-2436-9024
Prof Clive Ballard	Professor of Age-related diseases, Pro-Vice Chancellor and Executive Dean	C.Ballard@exeter.ac.uk	Dementia	0000-0003-0022-5632
Dr Emma Baple	Clinical Senior Lecturer Leads – Rare Disease Research Group, University of Exeter College of Medicine and Health	e.baple@exeter.ac.uk	New genetic technologies to identify the cause of rare genetic disorders and translation of that knowledge to improve clinical diagnostics and treatment	0000-0002-6637-3411
Prof Inês Barroso	Professor of Diabetes	ines.barroso@exeter.ac.uk	Genetic aetiology and mechanisms of type 2 diabetes	0000-0001-5800-4520
Prof Gordon Brown	Director MRC Centre for Medical Mycology	gordon.brown@exeter.ac.uk	Understand the role and function of C-type lectins in immunity during fungal infection	0000-0002-0287-5383
Dr Peter Cook	Lecturer – Wellcome Trust Sir Henry Dale Fellow MRC CMM	P.C.Cook@exeter.ac.uk	Mechanistic understanding of asthmatic immunopathology	0000-0002-5208-4985
Prof Andrew Crosby	Professor of Human Genetics	A.H.Crosby@exeter.ac.uk	Community genomic and neurogenetics	0000-0003-3667-9054
Prof Helen Dawes	Professor of Clinical Rehabilitation	h.dawes@exeter.ac.uk	Working with industry, clinicians and the public, to develop, evaluate and translate to clinical practice transformative innovation	0000-0002-2933-5213
Dr Sarah Flanagan	Associate Professor in Genomic Medicine and Sir Henry Dale Research Fellow	S.Flanagan@exeter.ac.uk	Monogenic disorders of insulin secretion	0000-0002-8670-6340
Prof Tim Frayling	Professor of Human Genetics	t.m.frayling@exeter.ac.uk	Genome wide approaches to identify genetic variation associated with common disease	0000-0001-8362-2603
Dr Rachel Freathy	Associate Professor and Wellcome Trust Senior Research Fellow	R.Freathy@exeter.ac.uk	Genetics factors affecting the growth of a foetus in utero and its association with type 2 diabetes in adulthood	0000-0003-4152-2238

Prof Neil Gow	Professor of Microbiology	n.gow@exeter.ac.uk	Medical mycology	0000-0002-2776-5850
Prof Willie Hamilton	Professor of Primary Care Diagnostics	w.hamilton@exeter.ac.uk	Primary care diagnostics, with particular expertise in cancer	0000-0003-1611-1373
Prof Andrew Hattersley	Gillings Chair of Precision Medicine, Professor of Molecular Medicine & Consultant Physician	A.T.Hattersley@exeter.ac.uk	Investigation of the genetic and molecular basis of inherited conditions	0000-0001-5620-473X
Sallie Lamb	Associate Dean for Research & Mireille Gillings Professor of Health Innovation	s.e.lamb@exeter.ac.uk	Ageing, disability and rehabilitation	0000-0003-4349-7195
Prof Johnathan Mill	Professor of Epigenetics	J.Mill@exeter.ac.uk	Molecular pathology of neurodevelopmental and neurodegenerative disorders	0000-0003-1115-3224
Prof Noel Morgan	Professor of Endocrine Pharmacology; Director – Institute of Biomedical & Clinical Science	N.G.Morgan@exeter.ac.uk	The (patho)physiology of the pancreatic beta-cell in type 1 and 2 diabetes	0000-0003-1537-8113
Prof Rupert Payne	Professor of Primary Care and Clinical Pharmacology	R.A.Payne@exeter.ac.uk	Improving the safety and quality of medicines use in primary care	0000-0002-5842-4645
Dr Kash Patel	Wellcome Trust Fellow and Consultant in Diabetes & Endocrinology	k.a.patel@exeter.ac.uk	Understanding the genetics of diabetes especially Monogenic and Type 1 diabetes	0000-0002-9240-8104
Prof Soojin Ryu	Mireille Gillings Professor of Neurobiology	S.Ryu@exeter.ac.uk	Understanding behavioural dysfunctions due to prolonged or severe exposure to stress hormones	0000-0002-7059-0160
Prof Austin Smith	Director, Living Systems Institute	austin.smith@exeter.ac.uk	Pluripotent stem cell biology	0000-0002-3029-4682
Prof Nick Stone	Professor of Biomedical Imaging and Biosensing	N.Stone@exeter.ac.uk	Novel optical diagnostics within the clinical setting	0000-0001-5603-3731
Prof Krasimira Tsaneva-Atanasova	Professor of Mathematics for Healthcare	K.Tsaneva-Atanasova@exeter.ac.uk	The application of mathematics for personalised diagnosis or treatment of health related conditions	0000-0002-6294-7051
Prof Adilia Warris	Professor (Clinical) Deputy Centre Director MRC Centre for Medical Mycology	Paediatric infectious diseases with a specific interest in medical mycology.	Paediatric infectious diseases with a specific interest in medical mycology.	0000-0001-6586-3358