

GW4 BioMed2 MRC DTP: Student iCASE Application Form (Oct 2024/25)

Showing 0 of 0 responses

Showing **all** responses

Showing **all** questions

1 Title

No responses

2 First Name:

No responses

3 Preferred Name:

No responses

4 Last Name:

No responses

5 Email Address:

No responses

6 Phone Number:

No responses

7 Correspondence address (including postcode):

No responses

8 Please select the nationality classification that best describes your situation. Please note that these projects are only available for UK citizens.

UK National (meeting the
residency requirement) | 0

Pre-settled status - less than
3 years | 0

Pre-settled status - more than
3 years | 0

UK settled status | 0

Indefinite leave to remain or
enter | 0

International citizen | 0

Other | 0

- 9** If you need to provide additional clarification to your response above, or have selected 'other' please provide further information here.

No responses

- 10** Do you plan to study full-time (4 years) or part-time (50% minimum attendance)? Please note that iCASE projects can only be completed on a full time basis.

Full-time | 0

Part-time | 0

- 11** First Choice Project: Please indicate the first choice project that you are applying for by selecting the project from the drop down menu. Your first choice **MUST** be an iCASE project. NOTE: This application form is open to UK Citizens only.

MRC24IIAREx Pagliara - | 0
Developing novel microfluidic
platforms for antibiotic
discovery (iCASE)

MRCIIAREx Ballou - Looking for | 0
an Achilles Heel in the deadly
fungi that cause Mucormycosis
(iCASE)

12 Second Choice Project (optional): Please indicate the second choice project (optional) that you wish to apply for by selecting the project from the drop down menu. Your second choice can be a different iCASE project, or one from our main recruitment round. NOTE: This application form is open to UK Citizens only.

No second choice	0
MRC24IIAREx Pagliara - Developing novel microfluidic platforms for antibiotic discovery (iCASE)	0
MRC24IIAREx Ballou - Looking for an Achilles Heel in the deadly fungi that cause Mucormycosis (iCASE)	0
MRCIIAR24Ba Brown - How are changing environments on our farms driving antifungal resistance in clinical fungal pathogens?	0
MRCIIAR24Ba Hunt - Genetic signatures of parasitism in clinically important strains of a gastrointestinal parasite	0
MRCIIAR24Ba Jones - Evolution of antimicrobial resistance in bacterial microbiomes	0
MRCIIAR24Ba Laabei - Developing new weapons to fight drug-resistant superbugs - targeting lipoteichoic acid biosynthesis	0
MRCIIAR24Ba Pascu - Theranostics and Multimodal Imaging with Near-Infrared Emitting Peptide Nucleic Acids	0
MRCIIAR24Br Cadby - Unlocking immune cells with tick-borne pathogens	0
MRCIIAR24Br Itasaki - How do tumour cells respond to infiltrated T cells and what factors are involved in the response?	0
MRCIIAR24Br Koh - Immune and therapeutic implications of intratumour bacteria	0

MRCIIAR24Br RichardsonR -	0
Investigating the role of extracellular vesicles in influencing inflammation during tissue regeneration in zebrafish	
MRCIIAR24Br Rivino -	0
Identifying immune signatures associated with severe dengue virus infection	
MRCIIAR24Br Spencer -	0
Penicillin Antibiotic Action and Resistance in a Bacterial "Superbug"	
MRCIIAR24Br Su -	0
Multifunctional urinary catheters to monitor and control biofilm formation	
MRCIIAR24Br Van der Kamp -	0
Overcoming β -lactamase-mediated antibiotic resistance by combining biomolecular simulation and experiment	
MRCIIAR24Br Weavers -	0
The impact of microplastics on immune health: are novel bio-derived polymers a safer alternative?	
MRCIIAR24Ca Bliss -	0
Developing virus-based cancer vaccines with molecular enhancers	
MRCIIAR24Ca Bowen -	0
Investigating long noncoding RNAs as novel therapies in chronic kidney disease	
MRCIIAR24Ca Fielding -	0
Understanding the interactions of Dengue virus with the immune system and its impact on disease	
MRCIIAR24Ca Heurich -	0
Unravelling the molecular link between coagulation and immunity	
MRCIIAR24Ca Ladell -	0
Clonal	

aging of anti-viral T cells impacts protective immunity	
MRCIIAR24Ca Parker - Development of adenovirus type 11 (Ad11) as a platform for immuno-oncology applications.	0
MRCIIAR24Ca Peters - Epigenetic regulation of microglial gene expression in Alzheimer's disease	0
MRCIIAR24Ca Serpi - Fighting antimicrobial resistance by stopping bacterial cell division.	0
MRCIIAR24Ca Smith - Once bitten, twice shy: the impact of helminth infection on viral immunity	0
MRCIIAR24Ca Stanton - Enhancing Immunological Control of SARS-CoV-2	0
MRCIIAR24Ex Gold - The bacteriophage revolution: unlocking their potential to expand applicability	0
MRCIIAR24Ex Nuetzmann - Epigenetic signatures in fungal host adaptation	0
MRCIIAR24Ex Padfield - Will climate change worsen the problem of antibiotic resistance?	0
MRCIIAR24Ex Richardson - The crosstalk between the duodenum and the pancreas: Profiling the immune system to identify the role of the gut in the pathogenesis of type 1 diabetes.	0
MRCIIAR24Ex Scholpp - Cell communication in gastric cancer	0
MRCIIAR24Ex Westra - Genetics underpinnings of antibiotics-phage synergy	0
MRCNMH24Ba Bailey - Opioid overdose deaths: Understanding interactions between	0

benzodiazepines and opioids	
MRCNMH24Ba Barry - An ecological assessment of autobiographical memory problems within chronic pain	0
MRCNMH24Ba Bultitude - Brain stimulation and neurophysiological investigations of central nervous system changes in pathological pain, and their augmentation by treatment	0
MRCNMH24Ba Carter - How do pancreatic cancers invade and activate nerves: towards treatments for cancer-associated pain	0
MRCNMH24Ba Lancaster - Investigating the biological intersection between Alzheimer's risk genetics and cognitive reserve	0
MRCNMH24Ba Leese - Microneedle integrated foetal scalp electrodes for neonatal brain monitoring	0
MRCNMH24Ba Loades - Improving access to early help for adolescent depression symptoms in adolescents from minority backgrounds	0
MRCNMH24Ba Nogaret - Single-shot diagnosis of ion channel dysfunction in neurological disease from data assimilation of cell membrane dynamics	0
MRCNMH24Ba Petrini - Being in a child's shoes: Assessing changes in parents' empathy and perspective-taking by using a combination of virtual reality and EEG methods	0
MRCNMH24Ba Subramanian - The rapidly aging African Turquoise killifish as a model for age related neurodegenerative disorders	0
MRCNMH24Ba Ward - A novel link	0

MRCNMH24Br Vaidya - A novel link	0
between brain myelination and autism spectrum disorder	
MRCNMH24Br Anastasiades -	0
Understanding the role of disease-causing NMDA receptor mutations in synaptic development and function	
MRCNMH24Br Ashby - The	0
interplay between genetics and brain development in schizophrenia	
MRCNMH24Br Campagner - Neural	0
mechanisms orchestrating natural behaviors in healthy and neuropsychiatric conditions	
MRCNMH24Br Chrobok -	0
Cannabinoids in the ticking network of the brainstem satiety centre	
MRCNMH24Br Corey - How does	0
the membrane environment impact the activity of the μ -opioid receptor?	
MRCNMH24Br Dunham - Is faulty	0
fibre function to blame for fibromyalgia? - tracking down chronic pain to its source.	
MRCNMH24Br Fischer -	0
Developing new therapies for compulsive behaviours by understanding the neural control of flexible action selection	
MRCNMH24Br Hodge - Modelling	0
the role of L-type voltage-gated calcium channels (CACNA1C) signalling in epilepsy and mental health	
MRCNMH24Br Holmboe - Early	0
executive function development in moderate-to-late preterm infants	
MRCNMH24Br Mars -	0
Intergenerational transmission of self-harm thoughts and behaviors	
MRCNMH24Br Mellor - Linking	0

neuronal function to mental health: How genetic risk factors impair cognitive flexibility and neural plasticity in psychiatric disorders.	
MRCNMH24Br Montgomery - Maturation of expanded learning and memory circuits	0
MRCNMH24Br Robinson - Investigating the neurobiological mechanisms underlying apathy in Parkinson's disease	0
MRCNMH24Br Wilkinson - Understanding neuronal dysfunction in Tuberous Sclerosis	0
MRCNMH24Ca Davies - Using a new translational in vivo model to understand the neurobiology underlying ADHD subtypes	0
MRCNMH24Ca DaviesJ - Physical fatigue and the neural control of muscle activity in health and disease: Unravelling mechanisms and implications	0
MRCNMH24Ca Escott-Price - Untangling neurodegeneration and ageing components of neuroinflammatory disorders	0
MRCNMH24Ca Isles - How does the schizophrenia candidate gene Sp4 influences transcription during neurodevelopment?	0
MRCNMH24Ca John - Maternal anxiety and language delays in children – both outcomes of the same epigenetic alteration?	0
MRCNMH24Ca Lewis - What goes up must come down? Using digital technology to understand the dynamic nature of mood in bipolar disorder	0
MRCNMH24Ca Lloyd-Evans - AI and structure based drug	0

and structure based drug
discovery of chaperones for
misfolded lysosomal enzymes
involved in neurodegenerative
disease

MRCNMH24Ca McNabb - A | 0
multimodal investigation of
brain structure and function
in schizophrenia

MRCNMH24Ca Newland - | 0
Developing a new therapeutic
strategy for brain cancers:
getting therapeutics directly
to the tumour

MRCNMH24Ca Petrik - Stem cells | 0
and hungry neurons:
neuropeptides in energy
homeostasis

MRCNMH24Ca Triantafidou - | 0
Deciphering how NLRP3
inflammasome- and STING-driven
inflammatory pathways are
linked to mental health
disorders

MRCNMH24Ca von dem Hagen - | 0
Recognising uniquely human
emotions

MRCNMH24Ex Basson - Using | 0
multidisciplinary approaches
to understand and develop
treatments for
neurodevelopmental disorders

MRCNMH24Ex Caramaschi - Using | 0
molecular and clinical data to
predict outcomes to treatments
for depression

MRCNMH24Ex Clifton - The | 0
synapse in schizophrenia:
molecular impacts of genetic
variation

MRCNMH24Ex Higginson - Can | 0
online games be indicators of
mental health issues?

MRCNMH24Ex Housden - | 0
Understanding motor neuron
disease using a powerful
combination of model systems

MRCNMH24Ex Migdalska-Richards | 0
- Epigenetic profiling in

- Parkinson's disease: novel mechanisms and drug targets
- MRCNMH24Ex Piers - Effect of Alzheimer's disease risk variants on microglial cell state transitions in response to pathology | 0
- MRCNMH24Ex Russell - Assuming associations from old data- the case of ADHD and drug use | 0
- MRCNMH24Ex Ryu - In vivo analysis of stress system dynamics | 0
- MRCNMH24Ex Schrader - Exploiting lipid binding proteins to tackle neurological disorders | 0
- MRCNMH24Ex Sharp - "You must be on your period": using smartphones and wearables to study changes in mental wellbeing throughout the menstrual cycle | 0
- MRCNMH24Ex Shaw - Developing computational models of psychosis to explore the impact of schizophrenia-associated CNVs on cortical microcircuitry. | 0
- MRCNMH24Ex Tyrrell - Metabolic psychiatry - Understanding ethnic and global differences in the inter-relationships between obesity and mental health | 0
- MRCNMH24Ex Weightman Potter - Can nutritional intervention unlock better outcomes after traumatic brain injuries? Investigating brain blood flow and cellular metabolism regulation by ketones following head impacts. | 0
- MRCNMH24Ex Witton - Characterising a novel neuroimmune pathway to treat neurodegenerative disease | 0
- MRCPHS24Ba Campbell - Investigating how physical

Investigating how physical activity prevents cancers in humans: harnessing 'big' data to understand the genomic profile of human cancers that are preventable by physical activity.

- MRCPHS24Ba Halligan - Examining pathways from childhood trauma exposure to cardiometabolic disease risk: a population health study based on the 2004 Pelotas Birth Cohort | 0
- MRCPHS24Ba Hines - Parental transmission of substance use: exploring mechanisms and informing intervention | 0
- MRCPHS24Ba Walton - Bridging the gap: combining epigenetics and neuroimaging to shed new light on brain development and mental health in a population-based context | 0
- MRCPHS24Br Caputo - Risks and Health Outcomes of Heart Procedures in Children and Young People with Congenital Heart Disease | 0
- MRCPHS24Br Herbert - Higher education and employment journeys for young adults and the impact on their mental health | 0
- MRCPHS24Br Kipping - Evaluating the impact of the novel Welsh Government 'Active Travel Town' on inequalities in travel modes and physical activity and to inform policy development | 0
- MRCPHS24Br Lewis - Estimating the global cancer burden due to low levels of physical activity | 0
- MRCPHS24Br Liu - Automating knowledge synthesis in biomedical literature using AI and language models | 0
- MRCPHS24Br Millard - Exploring | 0

the value of using large third-party artificial intelligence models in epidemiology, with examples using Twitter data	
MRCPHS24Br Min - Harnessing the genetics of DNA methylation to understand context-specific gene regulation in disease	0
MRCPHS24Br Reyher - Genomic Surveillance Meets Machine Learning: Predicting the Origins of Salmonella Outbreaks with Machine Learning	0
MRCPHS24Br Richmond - Exploring the interplay and mechanisms between sleep, circadian rhythms and physical activity for improved physical and mental health	0
MRCPHS24Br Stergiakouli - Using genetics to understand mental health outcomes in children from a clinical birth cohort	0
MRCPHS24Br Trickey - Investigating cause-specific hospitalisations among people living with HIV on antiretroviral therapy	0
MRCPHS24Br Vincent - Investigating the role of dietary fructose in the development of early-onset colorectal cancer	0
MRCPHS24Ca Kaouri - Calcium signalling in In-Vitro Fertilization: developing a non-invasive diagnostic tool using mathematical modelling and data analysis	0
MRCPHS24Ca Rice - Characterising "immunometabolic" depression in young people	0
MRCPHS24Ex Dempster - Investigating the epigenetic	0

component of insulin secretion
disorders

MRCPHS24Ex Freathy - | 0
Understanding how ethnic
differences may influence
diabetes diagnosis and control
in pregnancy

MRCPHS24Ex Frontini - | 0
Integrative analysis of whole
genomes and transcriptomes
from multiple cell types in
rare disease patients.

MRCPHS24Ex Jackson - | 0
Investigating the penetrance
of cancer susceptibility genes
in a population cohort and the
influences of family history
and rare and common genetic
modifiers

MRCPHS24Ex Kelson - Using | 0
modelling approaches to reduce
inequality in physical
activity interventions

MRCPHS24Ex Price - | 0
Understanding and addressing
inequalities in the cancer
diagnostic pathway for people
with anxiety and/or depression

MRCPHS24Ex Scotton - Genetic | 0
predisposition to accelerated
ageing: targeting telomeres
using sex hormone
supplementation in Idiopathic
Pulmonary Fibrosis

MRCPHS24Ex Vaughan - Virtual | 0
Reality Toolkit for Diabetes

Academic Quality

13 Select the description for your first degree. Note: If you hold a non-UK degree please indicate its equivalent UK degree classification. For a conversion table please refer to our website.

BA		0
BSc		0
BEEd		0
BEng		0
LLB		0
MA		0
MSc		0
MEd		0
LLM		0
MBA		0
MRes		0
MPhil		0
MSci (intergrated)		0
PhD		0
MBBS/MBChB		0

13.a Select the classification of this qualification or expected classification based on current average grades.

1st		0
2:1		0
2:2		0
3rd		0
Pass		0
Merit		0
Distinction		0

13.b Provide the name of the institution that awarded this degree, eg, University of Sheffield

No responses

13.c Provide the subject of this degree (eg, Animal Behaviour, Psychology, Mathematics)

No responses

13.d In what year was this degree awarded (YYYY)? If yet to be awarded please state 'pending'.

No responses

14 Select the description for your second degree. If you do not hold another degree please answer 'not applicable'. Note: If you hold a non-UK degree please indicate its equivalent UK degree classification. For a conversion table please refer to our website. If you do not hold a second degree, please select not applicable,

BA		0
BSc		0
BEd		0
BEng		0
LLB		0
MA		0
MSc		0
MEd		0
LLM		0
MBA		0
MRes		0
MPhil		0
MSci (intergrated)		0
PhD		0
MBBS/MBChB		0
Not applicable		0

14.a Select the classification of this qualification or expected classification based on current average grades.

1st		0
2:1		0
2:2		0
3rd		0
Pass		0
Merit		0
Distinction		0

14.b Provide the name of the institution that awarded this degree, eg, University of Sheffield

No responses

14.c Provide the subject of this degree (eg, Animal Behaviour, Psychology, Mathematics)

No responses

14.d In what year was this degree awarded (YYYY)? If yet to be awarded please state 'pending'.

No responses

15 Select the description for your third degree. If you do not hold another degree please answer 'not applicable'. Note: If you hold a non-UK degree please indicate its equivalent UK degree classification. For a conversion table please refer to our website. If you do not hold a third degree, please select not applicable.

BA		0
BSc		0
BEd		0
BEng		0
LLB		0
MA		0
MSc		0
MEd		0
LLM		0
MBA		0
MRes		0
MPhil		0
MSci (intergrated)		0
PhD		0
MBBS/MBChB		0
Not applicable		0

15.a Select the classification of this qualification or expected classification based on current average grades.

1st		0
2:1		0
2:2		0
3rd		0
Pass		0
Merit		0
Distinction		0

15.b Provide the name of the institution that awarded this degree, eg, University of Sheffield

No responses

15.c Provide the subject of this degree (eg, Animal Behaviour, Psychology, Mathematics)

No responses

15.d In what year was this degree awarded (YYYY)? If yet to be awarded please state 'pending'.

No responses

16 The Doctoral Training Partnership aims to bring together different academic disciplines. Please select the most appropriate discipline(s) for yourself based on your recent study/experience.

Medicine and dentistry (clinical)	0
Subjects allied to medicine	0
Biological sciences	0
Veterinary science	0
Agriculture and related subjects	0
Physical sciences	0
Mathematical sciences	0
Computer science	0
Engineering and technology	0
Architecture and related subjects	0
Social sciences	0
Law	0
Business and administration studies	0
Mass communications and documentation	0

Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

-
- 17** Please outline 2 examples of your achievements in research related activities (e.g. undergraduate, masters or postgraduate work experience). (Maximum of 1250 characters including spaces).

No responses

-
- 18** Please outline 2 examples of your achievements in non-research related activities (e.g. outside of academic study). (Maximum of 1250 characters including spaces).

No responses

-
- 19** Please describe why you have chosen this project (e.g. your interest/understanding of the research question, your skills/experience that fit with this project). (Maximum of 1250 characters including spaces).

No responses

-
- 20** What do you hope to gain from doing a PhD with the GW4 BioMed2 MRC DTP? (Maximum of 1000 characters including spaces).

No responses

-
- 21** Please provide any additional relevant information to support your application (maximum of 1000 characters including spaces). Please note that completion of this section is not compulsory.

No responses

-
- 22** What is your age?

No responses

-
- 23** Do you have any disabilities?

None	0
A specific learning difficulty, such as dyslexia, dyspraxia or AD(H)D	0
A social/communication impairment such as Asperger's syndrome/other autistic spectrum disorder	0
A longstanding illness or health condition, such as cancer, HIV, diabetes, chronic heart disease, or epilepsy	0
A mental health condition, such as depression, schizophrenia or anxiety disorder	0
A physical impairment or mobility issues, such as difficulty using arms or using a wheelchair or crutches	0
Deaf or a serious hearing impairment	0
Blind or a serious visual impairment uncorrected by glasses	0
A disability, impairment or medical condition that is not listed above	0
Prefer not to say	0

24 What is your ethnic group?

White	0
Gypsy or Traveller	0
Other White background	0
Black or Black British - Caribbean	0
Black or Black British - African	0
Other Black background	0
Asian or Asian British - Indian	0
Asian or Asian British - Pakistani	0
Asian or Asian British - Bangladeshi	0
Chinese	0
Other Asian background	0
Mixed - White and Black Caribbean	0
Mixed - White and Black African	0
Mixed - White and Asian	0
Other mixed background	0
Arab	0
Other ethnic background	0
Unknown	0
Prefer not to say	0

25 How would you describe your national identity?

No responses

26 What is your gender?

Male		0
Female		0
Other		0
Prefer not to say		0

27 What was the occupation of your main household earner when you were about age 14?

Modern professional and traditional profession occupations such as: teacher, nurse, musician, social worker, police officer (sergeant or above), software designer, accountant, solicitor, medical practitioner, scientist, engineer		0
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Senior, middle or junior managers or administrators such as: finance manager, chief, executive, large business owner, office manager, retail manager, bank manager, restaurant manager, warehouse manager		0
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Clerical and intermediate occupations such as: secretary, personal assistant, call centre agent, clerical worker, nursery nurse		0
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Technical and craft occupations such as: motor mechanic, plumber, printer, electrician, gardener, train driver		0
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Routine, semi-routine, manual and service occupations such as: postal worker, machine operative, security guard, caretaker, farm worker, catering assistant, sales assistant, cleaner, porter, labourer, waiter/waitress, bar staff		0
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Long term unemployed: (claimed unemployment benefit for more than 1 year) | 0

Small business owner who employs less than 25 people such as: corner shop owner, small plumbing company, single cafe owner, taxi owner, garage owner | 0

Other: such as retired, this question does not apply to me, I don't know | 0

I prefer not to say | 0

28 If you finished school after 1980, were you eligible for free school meals at any point during your school years?

Yes | 0

No | 0

Not applicable (finished school before 1980 or went to school overseas) | 0

I don't know | 0

I prefer not to say | 0

29 Did either of your parents attend university or gain a degree (e.g. BA/BSc or equivalent) by the time you were 18?

No, neither of my parents attended university | 0

Yes, one or both of my parents attended university | 0

Do not know/ not sure | 0

I prefer not to say | 0

30 How did you find out about this PhD opportunity?

Email from GW4 BioMed forwarded by my university	0
Email from the project supervisor	0
GW4 BioMed DTP Website	0
Via link from another website	0
Personal recommendation ie from friend or colleague	0
FindaPhD.com	0
General Postgrad event	0
Social Media - Twitter/Facebook	0
University Careers Service	0
Other	0

Multi answer: Percentage of respondents who selected each answer option (e.g. 100% would represent that all this question's respondents chose that option)

31 Please confirm you have read the data protection statement and understand how your information will be collected and shared as specified in the application form. If you do not agree with the terms, please exit the survey without submitting.

Yes, I have read and accept these terms	0
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