

# Research in Medicine and Dentistry

The Faculty of Medicine and Dentistry is home to over 500 postgraduate research students. Our goal is to deliver our research strategy of 'Better Health for All', with the aspiration to train research leaders of the future. From the laboratory bench to experimental medicine to public health, our cutting-edge research is at the forefront of innovation in medical research, addressing some of the world's greatest health challenges.

## Research Areas

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We have opportunities in multiple areas of biomedical and translational research across six world leading Research Institutes. These offer a portfolio of clinical and nonclinical medical science postgraduate programmes, supervised by academics who are internationally recognised leaders in their fields. Our research institutes, key research areas, and member of staff to contact for further information are:

### **Barts Cancer Institute**

Cancer prevention & risk reduction, Cancer screening & early diagnosis, genetics and evolution of cancer, targeting tumour cells, targeting the tumour microenvironment.  
Contact: **Dr Sarah Martin**  
sarah.martin@qmul.ac.uk

### **The Blizard Institute**

Cell Biology & skin research, genomics & child health, immunobiology, neuroscience surgery and trauma.  
Contact: **Dr Kenneth Linton**  
k.j.linton@qmul.ac.uk

### **Institute of Dentistry**

Oral immunobiology and regenerative medicine, oral bioengineering, dental public health and primary care.  
Contact: **Dr Eleni Hagi-Pavli**  
e.hagi-pavli@qmul.ac.uk

### **Institute of Health Sciences Education**

Medical education research.  
Contact: **Dr Eric Blair**  
e.blair@qmul.ac.uk

### **William Harvey Research Institute**

Cardiovascular research, endocrinology, inflammation research & therapeutic innovation.  
Contact: **Dr James Whiteford**  
j.whiteford@qmul.ac.uk

### **Wolfson Institute of Population Health**

Public health & policy, primary care, prevention detection & diagnosis, psychiatry and mental health, evaluation and methods.  
Contact: **Dr Ruth Taylor**  
r.e.taylor@qmul.ac.uk

## Funding

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Our medical and dental research PhD students are funded by a range of governmental, private and charitable organisations. Please check [www.findaphd.com](http://www.findaphd.com) regularly for newly advertised funded projects. Students with their own source of funding should follow the application process outlined below to identify a suitable PhD project.

## Project list

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Funded and un-funded project opportunities can be found throughout the year at [fmd.qmul.ac.uk/graduatestudies/train-with-us](http://fmd.qmul.ac.uk/graduatestudies/train-with-us). Additional projects may sometimes be listed on the Institute webpages. Please also see [findaphd.com/phds/program/postgraduate-research-opportunities-at-the-faculty-of-medicine-and-dentistry/?i194p5782](http://findaphd.com/phds/program/postgraduate-research-opportunities-at-the-faculty-of-medicine-and-dentistry/?i194p5782)

## Application process

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- 1. View Institute websites** to identify a potential supervisor who matches your research interests.
- 2. Email potential supervisors** with your CV and detail of your research interests to discuss potential projects. If they are willing to supervise the project, they will encourage you to apply.
- 3. Apply Online.** You should also consider sources of funding.
- 4. If you have the support of a supervisor and meet the entry requirements** you will be invited to attend a formal interview.

If you need advice on any aspect of this process, please contact **Adam Wilkinson** at [a.wilkinson@qmul.ac.uk](mailto:a.wilkinson@qmul.ac.uk).

## Application deadlines

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Applications for postgraduate research programmes are accepted throughout the year.

## Entry requirements

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- A Bachelor's degree 2:1 or higher, or international equivalent
- Master's degree in a relevant subject is desirable but not essential
- IELTS requirements: 6.5 overall for non-clinical or 7.0 overall for clinical.

Further details at [qmul.ac.uk/englang-reqs](http://qmul.ac.uk/englang-reqs)

## Student profile

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### Darren Taylor – PhD Student, Blizard Institute

Darren studied at the Blizard Institute under the supervision of Dr Miguel Branco and Prof. Vardhman Ramanan. He was investigating a novel approach of epigenomic profiling of repetitive elements.

*"I chose to study at Queen Mary as the project on offer perfectly matched my research interests and the high-quality facilities available at the university would allow me to get the most out of my time here.*

*The epigenetics hub encompasses several groups working on a vast array of epigenetic problems, fosters a supportive environment and provides invaluable input into my project.*

*Queen Mary has a supportive atmosphere from both staff and peers, with a multitude of opportunities for personal development. I thoroughly enjoy working at the Blizard Institute as the open plan lab and office spaces encourage a highly collaborative environment. There are often events, such as the monthly Postgraduate Club, which bring people together and create a community atmosphere."*