

**EPSRC Doctoral Training Partnership Studentships**

**Call for PhD Project Proposals**

**2022/23 Studentships**

EPSRC Doctoral Training Partnership PhD proposals are invited that fall within any of the EPSRC [themes](https://www.epsrc.ac.uk/research/ourportfolio/themes/) and that address points highlighted in the themes strategy or Grand Challenges.

**Funding**

There are two studentships available, each supporting 3.5 year PhD programmes commencing September 2022 through our Faculty’s allocation of the institutional EPSRC Doctoral Training Partnership grant. Studentships will provide:

* Tuition fee support at the standard UKRI rate and if an international applicant is selected a scholarship to cover the difference between the UKRI and International standard tuition fees.
* Annual stipend at the minimum UKRI rate (£15,609 for 2021/22)
* Research Training Support Grant (RTSG) towards project running costs/consumables, conference/workshop attendance, external career development opportunities (approx £5k/year)

CASE Conversion

The Faculty strongly encourages project proposals with a CASE partner. To covert an EPSRC DTP to a CASE Studentship the Industrial funding component should be a third of the EPSRC funding allocation. To be an Industrial CASE sponsor, companies must have established UK-based research and/or commercial production capability. Please contact the Doctoral Academy should you require further guidance.

**Criteria**

All proposals are expected to meet the University’s requirements for PhD supervision, summarised as:

*Members of the supervisory team will have a proven track record of undertaking research at internationally recognised levels of excellence and regularly publish the results in leading outlets, in addition to supervising research students through to timely and successful completion of their degrees.*

Individuals who secured an EPSRC DTP studentship as a primary supervisor in the most recent round (i.e. students starting September 2021) ***cannot*** apply to the 2022 scheme as a Primary Supervisor.

**Approval Process**

(Following submission of a project)

**Stage One approval**

Sign-off by School PGR Director. Criteria for approval will include checking that the Primary Supervisor:

* has submission rates exceeding 90% of previously completed PGR students, after accounting for any late submissions due to ill health/maternity / insufficient academic progression etc.
* has a good track record of eProg engagement

**Stage Two approval**

Sign-off by Head of Division with line management responsibility for Primary Supervisor. Criteria for approval will include checking the following:

Primary Supervisor (including [Early-Career Researchers](https://www.staffnet.manchester.ac.uk/bmh/research/pgr-supervisors/pgr-activities/pgr-regulations/))

* meets the eligibility criteria as set out in section 3 of the [Supervision Policy](http://www.staffnet.manchester.ac.uk/services/rbess/graduate/code/supervision/)
	+ including where an honorary member of staff who is also a member of an NHS trust is selected as the main supervisor a co-supervisor must hold a substantive role at The University of Manchester
* can provide a vibrant research environment
* has evidence of significant publications
* currently holds an externally-funded studentship awarded in open competition (e.g. from charitable/industrial sources) ***or*** is actively seeking external/self-funded students via self-funded project advert(s)
* has overall responsibility for leading on the project

Additional Early-Career Researcher (ECR) consideration:

* Staff supporting an ECR can also submit their ‘own’ DTP project

Supervisory Team

* At least one member of the supervisory team has active research grant support (at the start date of the studentship, ie September 2022). All members of the supervisory team must have relevant expertise and details of their contribution to the project must be included on the form. All supervisors are expected to hold a minimum 20% share of the supervisory load.
* The relevant Head of Division will review the suitability of supervisory teams.

**Stage Three approval**

The Management Board will review and approve the final project. This will ensure that each project:

* fits within an EPSRC theme
* provides clear justification for projects support costs

All approved projects will be progressed according to the timeline set out below; the Primary Supervisor will receive detailed communication about the status of their project throughout the recruitment

Please complete the following proforma and return this to the FBMH Doctoral Academy Office (admissions.doctoralacademy@manchester.ac.uk) with ‘EPSRC Project Proposal’ in the subject line. The deadline for submission is **Wednesday 6 April 2022**.

All queries should be directed to Amanda Mathews, PGR Recruitment Manager, FBMH Doctoral Academy.

**Timeframe:**

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| Deadline for submission of proposals | Wednesday 6 April 2022 |
| Faculty shortlisting of proposals | w/c 11 April 2022 |
| Advertising of shortlisted proposals | By Monday 25 April 2022 |
| Deadline for candidate applications | Friday 20 May 2022 |
| Supervisors to nominate a preferred candidate | Friday 10 June 2022 |
| Panel Interviews held | End of June 2022 onwards |

**EPSRC DTP PhD Research Project Proposal**

**2022 studentships**

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| **Supervisory Team** (add rows for additional co-supervisors if necessary) |
| **Primary Supervisor Name** |  |
| Faculty/School/Division |  |
| Email |  |
| % split of supervision (20-80%) |  |
| Funded by *(i.e. HEFCE, Res Fellow)* |  |
| University ID (i.e. 5267290) |  |
| Position | **Confirmed / Probationary** (delete one) |
| Are you an Early Career Researcher and/or independently (externally) funded fellow  | **Yes / No** (delete one) |
| Does your contract extend beyond the student’s expected registration period (i.e. September 2026) | **Yes / No** (delete one) |
| Number of currently registered PGR students (as Primary Supervisor) |  |
| Number of currently registered PGR students (as co-Supervisor) |  |
| **Submission rates** (for the past 5 years 2012,2013, 2014, 2015,2016 entry, Manchester based)This data will be provided to and checked by the Doctoral Academy/Graduate Office for individual supervisors; you are not required to provide your submission rates. However, please indicate here any issues (ie mitigating circumstances) you wish to highlight regarding particular cases of late (beyond 4 years) or non-submitted students: |
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| **Please ensure the expected contribution for each Co-Supervisor to justify their inclusion within the Supervisory Team is stated** *(add/remove rows for co-supervisors if necessary)* |
| **Co-Supervisor 1 Name** |  |
| Faculty/School/Division |  |
| Email |  |
| % split of supervision (20-80%) |  |
| University ID (i.e. 5267290) |  |

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| --- | --- |
| **Co-Supervisor 2 Name** |  |
| School/Division |  |
| Email |  |
| % split of supervision (20-80%) |  |
| University ID (i.e. 5267290) |  |

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| **Publications** |
| List the supervisory team’s five most **RECENT** (2019 onwards) AND **RELEVANT** peer-reviewed publications. Please state author(s); title; journal name; date of publication. |
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| **Finance** |
| Outline active research grants (as of 01/10/22) awarded to the Supervisory Team * Include start/end dates and value, credit split between PI and co-I for each grant
 | **Name of grant** | **Name of grant holder** | **Start date of grant** | **End date of grant** | **Value of grant** |
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| Outline any additional funds that may contribute to the studentship (*e.g.* Industrial support to convert to CASE) |  |
| List *externally* funded studentships **(name of student and funding source)** awarded to the Primary Supervisor since 01/10/20. Awards secured through Research Council/charity schemes managed by the University should ***not*** be included. |  |
| Does the Primary Supervisor have a PhD project advertised online via FindAPhD (or similar) to attract self-financed or sponsored students? | Yes / No |

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| **Research Training Support Grant request** |
| Required level of RTSG (Research Training Support Grant)(this should include consumables **and** anticipated travel/conference attendance expensesfor the student) |  | **Low** (£2k pa*)* |
|  | **Medium** (£5k pa) |

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| **Name relevant EPSRC Theme** [**https://www.epsrc.ac.uk/research/ourportfolio/themes/**](https://www.epsrc.ac.uk/research/ourportfolio/themes/) |
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| **Outline how this project aligns with the theme/strategy** |
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| **Title of Project** |  |

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| **Advertising (projects will be advertised locally on School/Faculty pages and also on FindAPhD.com)** |
| **Provide a short abstract of the project** (for advertising purposes), 400 words maximum, plus up to 5 references (if different from ones listed previously in the Publications section) |
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| If you would like to include web links to the lab group / supervisory team personal pages, please provide these here to include on the project advert |
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| **Project Outline** |
| Provide details on the project, outlining the objectives, methods, potential outcomes, the training provided (1-page maximum) |
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**Advertising**

Your project will be advertised on the FBMH website and FindAPhD.com. Please complete the table below detailing the areas you would like your project to be advertised under.

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| **FindAPhD categories - select a maximum of 10 subject areas for advertising** |
|  |  |  |  |
| **Biological Sciences** |  | Genomics |  |
| Bacteriology |  | Human Genetics |  |
| Behavioural Biology |  | Immunology |  |
| Biochemistry |  | Marine Biology |  |
| Biodiversity |  | Microbiology |  |
| Bioinformatics |  | Molecular Biology |  |
| Biophysics |  | Molecular Genetics |  |
| Biotechnology |  | Neuroscience |  |
| Cancer Biology |  | Parasitology |  |
| Cell Biology |  | Plant Biology |  |
| Developmental Biology |  | Plant Cell Biology |  |
| Ecology |  | Reproductive Biology |  |
| Ecotoxicology |  | Structural Biology |  |
| Entomology |  | Systematic Biology |  |
| Environmental Biology |  | Virology |  |
| Evolution |  | Zoology |  |
| Genetic Engineering |  | Other |  |
| Genetics |  |  |  |
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| **Chemistry** |  | Organic Chemistry |  |
| Analytical Chemistry |  | Petrochemical Chemistry |  |
| Applied Chemistry |  | Physical Chemistry |  |
| Computational Chemistry |  | Polymer Chemistry |  |
| Environmental Chemistry |  | Structural Chemistry |  |
| Industrial Chemistry |  | Synthetic Chemistry |  |
| Inorganic Chemistry |  | Other |  |
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| **Computer Science** |  | Data Science |  |
| Artificial Intelligence |  | Human Computer Interaction |  |
| Computer architectures |  | Machine Learning |  |
| Computer Vision |  | Networks |  |
| Computer Graphics |  | Quantum Computing |  |
| Cyber Security |  | Software Engineering |  |
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| **Environmental & Food Sciences** |  | Meteorology |  |
| Climate Sciences |  | Pollution |  |
| Food Hygiene |  | Soil Science |  |
| Food Production |  | Other |  |
| Hydrology |  |  |  |
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| **Geology** |  | Geotechnology |  |
| Geochemistry |  | Hydrogeology |  |
| Geophysics |  | Marine Geology |  |
| Geosciences |  | Palaeontology |  |
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| **Mathematics** |  | Engineering Mathematics |  |
| Applied Mathematics |  | Medical Statistics |  |
| Applied Statistics |  | Operational Research |  |
| Computational Mathematics |  | Statistics |  |
| Data Analysis |  | Other |  |
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| **Medicine** |  | Optometry |  |
| Anatomy |  | Pathology |  |
| Audiology |  | Pharmacology |  |
| Biomechanics |  | Pharmacy |  |
| Cardiology |  | Physiology |  |
| Complementary Medicine |  | Physiotherapy |  |
| Dentistry |  | Podiatry |  |
| Endocrinology |  | Radiology |  |
| Epidemiology |  | Speech Science |  |
| Neural Engineering |  | Tissue Engineering |  |
| Neurology |  | Toxicology |  |
| Ophthalmology |  | Other |  |
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| **Nursing & Health** |  | Mental Health Nursing |  |
| Adult Nursing |  | Midwifery |  |
| Community Nursing |  | Occupational Health |  |
| Counselling |  | Occupational Therapy |  |
| Dental Nursing |  | Paediatric Nursing |  |
| Environmental Health |  | Paramedical Sciences  |  |
| Health Informatics |  | Surgical Nursing |  |
| Medical Nursing |  | Other |  |
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| **Physical & Material Science** |  | Nuclear Physics |  |
| Astronomy |  | Optical Physics |  |
| Astrophysics |  | Particle Physics |  |
| Chemical Physics |  | Polymers |  |
| Computational Physics |  | Quantum Mechanics |  |
| Electromagnetism |  | Solid State Physics |  |
| Environmental Physics |  | Space Science |  |
| Medical Physics |  | Theoretical Physics |  |
| Metallurgy |  | Other |  |
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| **Psychology** |  | Forensic Psychology |  |
| Child Psychology |  | Health Psychology |  |
| Clinical Psychology |  | Neuropsychology |  |
| Community Psychology |  | Occupational Psychology |  |
| Counselling Psychology |  | Organisational Psychology |  |
| Developmental Psychology |  | Psychotherapy |  |
| Educational Psychology |  | Sports Psychology |  |