

PhD Studentship Application Form Questions

The following lists the questions in the PhD Studentship application form. A response to some questions is conditional on your answer to a preceding question.

Where a maximum number of characters is specified for a response to a question, spaces are included in the character count.

Section 1 : Administering Institution Details

Please provide full details of the Scottish University/Recognised Research Institution which is applying for the PhD Studentship and in which the student will be matriculated and which will award a PhD degree, subject to successful completion of that institution's assessment and examination requirements.

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- 1.1. Title of Institution**
 - 1.2. Full Postal Address**
 - 1.3. Town**
 - 1.4. Postcode**
 - 1.5. Telephone Number**
 - 1.6. Email Address**
 - 1.7. Administering Institution Signatory**
 - 1.8. Administering Institution Signatory's Position/Job Title**
 - 1.9. Administering Institution Signatory's Department**

Section 2 : Administering Institution Principal Supervisor Details

Please provide full details of the Principal Supervisor from the Administering Institution in which the student will be matriculated and of the Department in which the PhD Studentship research will be carried out. Information is requested about the Principal Supervisor's supervision history (including the mentoring provision for first-time supervisors). Please note, the experience and expertise of each supervisor as an individual and the strength of the supervisory team as a whole, will be considered when the application is reviewed.

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- 2.1. Principal Supervisor**
 - 2.2. Position Held**
 - 2.3. University / Research Institution in which student will matriculate**
 - 2.4. Department in which research will be carried out**
 - 2.5. Address**
 - 2.6. Town**

- 2.7. Postcode**
- 2.8. Telephone Number**
- 2.9. Alternate Telephone Number**
- 2.10. Email Address**
- 2.11. Year Employment Commenced**
- 2.12. Year Employment Ends**
- 2.13. Has the Principal Supervisor directly supervised a PhD student to successful completion before?**
- 2.13.1. Please provide details of mentoring provisions to be provided for the proposed Principal Supervisor (in light of their limited Principal Supervisory experience).**
- 2.14. How many other PhD students do you anticipate you will be supervising while the proposed PhD Studentship, if awarded, will be active?**
- 2.15. List research training activities (other than student supervision) in which the Principal Supervisor has been involved, including dates if applicable**
- 2.16. What, specifically, is the Principal Supervisor able to bring to the proposed collaboration?**
- 2.17. Provide details of any direct or indirect interest the Principal Supervisor has in the External Partner Organisation**
- 2.18. Provide the reference(s) of up to 5 papers of relevance to the proposed project which have been authored by the Principal Supervisor**
- 2.19. Head of Department**
- 2.20. Head of Department's Position/Job Title**

Section 3 : Second Supervisor from Administering Institution

- 3.1. Secondary Supervisor**
- 3.2. Position Held**
- 3.3. University / Research Institution**
- 3.4. Department**
- 3.5. Address**
- 3.6. Town**
- 3.7. Postcode**
- 3.8. Telephone Number**
- 3.9. Alternative Telephone Number**
- 3.10. Email Address**
- 3.11. Year Employment Commenced**
- 3.12. Year Employment Ends**
- 3.13. Has the Second Supervisor directly supervised a PhD student to successful completion before?**
- 3.13.1. Please indicate the number of students the Second Supervisor has supervised to successful completion as Principal or Second Supervisor**
- 3.13.1.1. Please provide details of mentoring provisions to be provided for the proposed Second Supervisor (in light of their limited Supervisory experience).**
- 3.14. How many other PhD students do you anticipate you will be supervising while the proposed PhD Studentship, if awarded, will be active?**
- 3.15. What, specifically, is the Second Supervisor able to bring to the proposed collaboration?**

3.16. Provide details of any direct or indirect interest the Second Supervisor has in the External Partner Organisation

3.17. Provide the reference(s) of up to 5 papers of relevance to the proposed project which have been authored by the Second Supervisor

Section 4 : Additional Supervisors

4.1. Do you wish to add an additional supervisor from the Administering Institution or another research institution?

4.1.1. Is the additional supervisor from the Administering Institution or another research institution?

4.1.2. Additional Supervisor

4.1.3. Position Held

4.1.4. University / Research

4.1.5. Department

4.1.6. Address

4.1.7. Town

4.1.8. Postcode

4.1.9. Telephone Number

4.1.10. Alternative Telephone Number

4.1.11. Email Address

4.1.12. Year Employment Commenced

4.1.13. Year Employment Ends

4.1.14. Has the Additional Supervisor directly supervised a PhD student to successful completion before?

4.1.14.1. Please indicate the number of students the Additional Supervisor has supervised to successful completion as Principal or Second Supervisor

4.1.14.1.1. Please provide details of mentoring provisions to be provided for the proposed Second Supervisor (in light of their limited Supervisory experience).

4.1.15. How many other PhD students do you anticipate you will be supervising while the proposed PhD Studentship, if awarded, will be active?

4.1.16. What, specifically, is the Additional Supervisor able to bring to the proposed collaboration?

4.1.17. Provide details of any direct or indirect interest the Additional Supervisor has in the External Partner Organisation

4.1.18. Provide the reference(s) of up to 5 papers of relevance to the proposed project which have been authored by the Additional Supervisor

4.2. Do you wish to add an additional supervisor from the Administering Institution or another research institution?

Section 5 : External Partner Organisation Details

5.1. External Partner Organisation Name

5.2. Registered Address

5.3. Town

5.4. Country

5.5. Postcode

5.6. Email Address

- 5.7. Will the External Partner Organisation correspondence address differ from the registered address?**
- 5.8. Is the External Partner Organisation a Registered Company?**
 - 5.8.1. Company Registration Number**
- 5.9. Is the External Partner Organisation VAT registered?**
 - 5.9.1. VAT Registration Number**
- 5.10. Date of most recent External Partner Organisation accounts (you may be asked to provide a copy)**
- 5.11. External Partner Organisation Authorised Signatory**
- 5.12. External Partner Organisation Authorised Signatory's Position/Job Title**
- 5.13. External Partner Organisation Authorised Signatory's Department/Section**

Section 6 : External Partner Organisation Supervisor Details

- 6.1. External Partner Organisation Supervisor**
- 6.2. Position Held**
- 6.3. Address**
- 6.4. Country**
- 6.5. Town**
- 6.6. Postcode**
- 6.7. Telephone Number**
- 6.8. Alternative Telephone Number**
- 6.9. Email Address**
- 6.10. Year Employment Commenced**
- 6.11. Year Employment Ends**
- 6.12. What, specifically, is the External Partner Organisation Supervisor able to bring to the proposed collaboration?**
- 6.13. Is the External Partner Organisation or the External Partner Organisation Supervisor named on more than one MRS PhD Studentship award or application which will run concurrently?**
 - 6.13.1. Please provide evidence that the External Partner Organisation and/or External Partner Organisation Supervisor has the capacity to support more than one Studentship and student.**

Section 7 : Financial Support requested from MRS

Please see the Guidance Notes for information on the level of support Medical Research Scotland will provide. Please enter the funding requested for each year of the Studentship.

Financial Year 1

- 7.1. Student Stipend £1500**
- 7.2. Fees**
- 7.3. Research Expenses**

- 7.4. Travel £750
- 7.5. Year 1 Total

Financial Year 2

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- 7.6. Student Stipend £1500
 - 7.7. Fees
 - 7.8. Research Expenses
 - 7.9. Travel £750
 - 7.10. Year 2 Total

Financial Year 3

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- 7.11. Student Stipend £1550
 - 7.12. Fees
 - 7.13. Research Expenses
 - 7.14. Travel £750
 - 7.15. Year 3 Total

Financial Year 4

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- 7.16. Student Stipend £1550
 - 7.17. Fees
 - 7.18. Research Expenses
 - 7.19. Travel £750
 - 7.20. Year 4 Total

7.21. Overall Total

7.22. Does the administering institution undertake to make arrangements with the External Partner Organisation to provide a top-up of £2500 per annum for the student stipend and such additional laboratory, travel, and other costs as may be required?

7.23. Does the Principal Supervisor confirm that they will ensure that the External Partner Organisation top up of £2,500 per annum is collected by the Administering Institution and is included in the Student's stipend paid by the Administering Institution?

7.24. Please provide the published fee rate for the academic year preceding the start date of the proposed Studentship.

Section 8 : Research Project Details

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- 8.1. Project Title
 - 8.2. Keyword 1
 - 8.3. Keyword 2
 - 8.4. Keyword 3

8.5. Keyword 4

8.6. Keyword 5

8.7. Please select one of the following which will be the main health focus of the proposed research.

8.8. Please select as many of the following other additional health foci of relevance to the proposed research.

- Alzheimer's disease**
- Cerebrovascular conditions and stroke**
- Cancer**
- Cardiovascular conditions**
- Congenital disorders**
- Dermatological conditions**
- Diabetes**
- Other metabolic or endocrine conditions**
- Generic health relevance**
- Haematological conditions**
- Infectious diseases**
- Injuries and accidents**
- Kidney disease**
- Mental health**
- Multiple sclerosis**
- Ophthalmology**
- Oral and Gastrointestinal conditions**
- Osteoarthritis**
- Other musculoskeletal conditions**
- Otology or audiology**
- Parkinson's disease**
- Other neurological conditions**
- Reproductive health and childbirth**
- Respiratory conditions**
- Rheumatoid arthritis**
- Other inflammatory diseases and the immune system**
- Urogenital conditions**
- Other**

- 8.8.1. Please specify Other condition**
- 8.9. Has the proposed project been submitted, or is going to be submitted, to another funding body?**
- 8.10. Lay Summary (maximum 1500 characters)**
- 8.11. How does the proposed project comply with the aims of Medical Research Scotland? (maximum 1000 characters)**
- 8.12. How does the proposed project fit with the External Partner Organisation's commercial or strategic objectives? (maximum 1000 characters)**
- 8.13. Enter the date you anticipate the PhD Studentship will start**

Detailed Project Description

- 8.14. Background of the proposed project (maximum 2500 characters)**
- 8.15. Aims & Objectives (maximum 2500 characters)**
- 8.16. Experimental Design & Methods (maximum 5000 characters)**
- 8.17. Statistical Information (maximum 1500 characters)**
- 8.18. Brief outline of the timetable of the work (maximum 1000 characters)**
- 8.19. References**
- 8.20. Are you including an image or table with this application?**
- 8.20.1. Image / Table Upload**

Section 9 : Ethics & Regulatory Issues

The Administering Institution must ensure that all necessary approvals and/or licences are obtained before any research requiring such approvals and/or licences is conducted.

9.1. Will the proposed research involve the use of personal and/or anonymised data?

9.1.1. Please confirm Information Services Division Scotland guidelines will be followed

9.2. Will the proposed research involve the use of human participants or biological samples?

Indicate which ethical and regulatory approvals are required for the proposed research and their status.

9.2.1. Ethical approval from appropriate Research Ethics Committee (REC)

9.2.2. Health and Safety Executive (HSE) Approval

9.2.3. Medicines & Healthcare Products Regulatory Agency (MHRA) Approval

9.2.4. Human Fertilisation & Embryology Authority(HFEA) Stem Cell Work Approval

9.2.5. Is approval from other bodies required?

9.2.5.1. Please specify other body details

9.2.5.2. Other body approval

9.2.6. Human tissue use: please confirm the HTA Codes of Practice will be followed

9.3. Will the proposed research include the use of non-human animal tissue in or outside the UK?

9.3.1. In what country(ies) will the research take place?

9.3.2. From what country(ies) will the animal tissue be sourced?

9.3.3. Please select the species from which the tissue will be derived

9.3.5. From what organ / what tissue type

9.3.6. What procedure will be carried out to obtain the tissue? (maximum 200 characters)

9.4. Will the proposed research involve the use of live animals in or outside the UK?

9.4.1. In what country(ies) will the research take place?

9.4.2. From what country(ies) will the animals be sourced?

9.4.3. Please select which species will be used

9.4.4. Are they animals which are protected under UK law?

9.4.5. Please explain why animal use is necessary. Are there any other approaches? (maximum 500 characters)

9.4.6. How many animals will be used?

9.4.7. Please justify the number of animals to be used per experiment, including details of any sample size calculations and/or statistical advice that has been sought (maximum 1500 characters)

9.4.8. What will the severity of the procedures be?

9.4.8.1. Please provide details of moderate or severe procedures (maximum 1000 characters)

9.4.9. Please describe how the proposed research has been designed to minimise experimental bias? (maximum 1000 characters)

9.4.10. Will any animals be genetically modified during the course of the proposed research?

9.4.11. Will any previously genetically modified animals be used?

9.4.12. Please explain and illustrate how the proposed research has been designed with consideration of the 'Responsibility in the Use of Animals in Bioscience Research' and the National Centre for the Replacement, Refinement and Reduction of Animals in Research 3Rs (replacement, reduction and refinement) (maximum 1000 characters)

Indicate which ethical and regulatory approvals and licences are required for the proposed research and their status.

9.4.14. Animal Welfare and Ethical Review Body (AWERB) Approval

9.4.15. Will the student require a Personal Animal Licence for the proposed research?

9.4.15.1. Please confirm a Personal Animal Licence will be obtained before the student undertakes any animal research and that the student's animal research will be adequately supervised by a Personal Animal Licence holder

Please state which of the following will require, and will have in place, a Personal Animal Licence for the project

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- 9.4.17. Personal Animal Licence for Principal Supervisor
 - 9.4.18. Personal Animal Licence for Secondary Supervisor
 - 9.4.19. Personal Animal Licence for Additional Academic Supervisor(s)
 - 9.4.2. Personal Animal Licence for External Partner Organisation Supervisor(s)
 - 9.4.21. Please select the status of the Project Animal Licence

Section 10 : Research & Training Provisions

Location(s) where the research and training will take place. Provide a summary of the research environment(s), including special facilities and available expertise of relevance to the project.

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- 10.1. Location 1
 - 10.2. Description of facilities / environment (maximum 1500 characters)
 - 10.3. Number of months at Location 1
 - 10.4. Will the student undertake research or training at another location?
 - 10.4.1. Location 2
 - 10.4.2. Description of facilities / environment (maximum 1500 characters)
 - 10.4.3. Number of months at Location 2
 - 10.4.4. Will the student undertake research or training at another location?
 - 10.4.5. Location 3
 - 10.4.6. Description of facilities / environment (maximum 1500 characters)
 - 10.4.7. Number of months at Location 3
 - 10.5. List the research and generic/transferable skills training to be provided by the Administering Institution. (maximum 1000 characters)
 - 10.6. List the training (e.g. research, generic/transferable skills, commercial) and experiences to be provided by the External Partner Organisation. (maximum 1000 characters)
 - 10.7. Outline how the student's progress will be supervised. (maximum 1000 characters)
 - 10.8. Outline how the student's progress will be assessed. (maximum 1000 characters)

Section 11 : Collaboration Details

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- 11.1. Outline any past or present relevant collaboration between the Administering Institution and the External Partner Organisation. Please state "None if not applicable." (maximum 1000 characters)
 - 11.2. What added benefit will the External Partner Organisation bring to the proposed project and student? (maximum 1000 characters)
 - 11.3. Is the proposed project dependent on continuation of this collaboration?
 - 11.4. Are there known or likely risks to the proposed project?
 - 11.4.1 Please give details (maximum 1000 characters)

11.5. How will the student's PhD completion be safeguarded in the event of a reduction or failure in the collaboration? (maximum 1000 characters)

11.6. Does the proposed research depend on any additional collaboration(s) other than any pre-existing within or between the Academic Institution, the External Partner Organisation and/or the Supervisors named in the application? (maximum 1000 characters)

11.6.1. Will the collaboration involve the use of NHS facilities?

11.6.1.1. NHS Research & Development Director

11.6.2. Please outline the extent and nature of the contribution and provide brief details of the organisation(s)/individual(s) whose collaboration is necessary.

11.6.3. Please confirm signed letters of consent for any and all collaboration(s) required with additional parties are attached to this application.

11.6.4. Please upload letters of consent

Section 12 : Intellectual Property & Publication

12.1. Is the proposed research likely to lead to patentable or commercially exploitable results?

12.1.1 Please provide a brief explanation (maximum 500 characters)

12.2. Do all parties of the Studentship application agree to abide by the Medical Research Scotland policy for ownership of IP arising from a PhD Scholarship?

12.3. Will there be any restrictions on publication of the student's research findings?

12.3.1. What restrictions are they and why are they required? (maximum 500 characters)

12.4. How and when will the student's research findings be able to be published?

12.5. What will be the maximum time delay for publication of the student's research findings (in months)?

12.5.1. Justification for a time delay for publication of more than 3 month. (maximum 500 characters)

Section 13 : Previous Medical Research Scotland Awards

13.1. Please provide details of any current or previous Medical Research Scotland (or SHERT) awards that any of the Supervisors have received (including Surname, Project Title, year of award and, if possible, Grant Reference No.). If no previous awards, enter "None".