

International Study of Medical Student Research

1 Welcome

2 Demographics

3 Research as a medical student

4 Pursuing an academic career

Dear Student,

As a member of the medical profession, you will be aware of the importance of medical research in advancing patient care. Opportunities for medical students and doctors to participate in medical research provide valuable skills for contributing to medical advances. However, it could be argued that such opportunities are limited.

By completing this short questionnaire, you will be participating in a world-wide study to assess the provision and uptake of medical research opportunities. The results will be used to overcome the barriers restricting medical student participation in research.

It only takes 5 minutes to complete.

Thank you.

You will be entered into a prize draw to win £100 Amazon vouchers. Please enter your email address below to enter the prize draw.

Email:

How did you hear about this study? *

I do not wish to be contacted regarding any future research studies

☐ please tick to confirm this option

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Gender *

- ☐ Male
- ☐ Female

Age *

Country in which you study medicine *

Medical school at which you study medicine *

Which term best describes you? *

- ☐ Undergraduate medical student
- ☐ Postgraduate medical student

Year of medical school (please specify, e.g. 1st out of 5 years) *

In addition to your medical degree, which of the following qualifications will you have achieved by the time you graduate from medical school? *

- ☐ Intercalated degree (Bachelor's)
- ☐ Intercalated degree (Master's)
- ☐ Undergraduate Bachelor's degree ('pre-med')
- ☐ Master's degree
- ☐ PhD
- ☐ MBPhD
- ☐ Other
- ☐ None

Please specify if you selected 'other' in the question above



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Part 1: The following questions ask you to what extent you agree on the following statements

Medical students should receive training in research interpretation *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Medical students should receive training in research skills *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Medical students should actively participate in medical research *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

My medical school provides me with sufficient training in medical research *

- ☐ Strongly disagree
 - ☐ Disagree
 - ☐ Neutral
 - ☐ Agree
 - ☐ Strongly agree
-

Part 2

Under what circumstances have you been involved in research? *

- ☐ Compulsory part of medical degree programme
- ☐ Student selected component / optional module
- ☐ Vacation project
- ☐ Research elective
- ☐ Spare time during medical degree

- ☐ Intercalated degree during medical degree
- ☐ Previous degree
- ☐ MB PhD
- ☐ Other
- ☐ None of the above

If you selected 'other' in the question above then please specify:

What form(s) of research have you been involved in as a medical student? *

- ☐ Literature review
- ☐ Clinical audit
- ☐ Clinical research
- ☐ Lab based / basic research
- ☐ Clinical trial
- ☐ Case reporting
- ☐ Other
- ☐ None of the above

If you selected 'other' in the question in the above then please specify

Part 3: To what extent do you agree that these factors are barriers to you participating in research as a medical student?

Lack of opportunities available *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Lack of time alongside medical studies / clinical work / job *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I do not have the necessary skills / training *

- ☐ Strongly disagree
- ☐ Disagree

- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I do not know how to get involved in research *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

It is too difficult to organise projects / find mentors *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

There is insufficient funding provided *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I do not want to prolong my degree *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I do not want to increase my educational debt *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Family constraints *

- ☐ Strongly disagree
- ☐ Disagree

- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I am not interested in participating in research *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I would not receive acknowledgement for my contribution *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Other: please specify

Part 4: To what extent do you agree with the following statements?

I feel that I have been provided with sufficient information about medical careers involving research *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

I am aware of sources of funding to support a period of full or part time research during my training *

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Part 5

What level of financial debt will you have accumulated by the completion of medical school? *

- ☐ £0–1000 (\$0–1500, €0–1200)

- ☐ £1000–5000 (\$1500–7700, €1200–5800)
- ☐ £5000–10000 (\$7700–15400, €5800–11600)
- ☐ £10000–20000 (\$15400–37000, €11600–23200)
- ☐ £20000–30000 (\$37000–46000, €23200–34800)
- ☐ £30000–40000 (\$46000–61400, €34800–46400)
- ☐ £40000–50000 (\$61400–76800, €46400–58000)
- ☐ Greater than £50000 (>\$76800, >€58000)

Do you feel that the financial debt you will have on graduating from medical school is a long-term concern to you? *

- ☐ Yes
 - ☐ No
-

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Part 1

How involved in research would you like to be during your future career in the long term (after graduating from medical school)? *

- ☐ Not involved
- ☐ Involved in a limited way (e.g. undertake research from time to time)
- ☐ Significantly involved (e.g. perform a masters or PhD and regularly perform research throughout your career)
- ☐ Exclusively

Part 2: The following factors may have influenced you in considering a research-focused medical career. How important were these factors?

Intellectual challenge *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important

The opportunity to teach *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important

Prestige *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important

Financial constraints during a research degree *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important

- ☐ Important
- ☐ Very important

Longer working hours, on top of clinical work *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important

Delaying completion of clinical training *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important

Variety (doing both research and clinical work) *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important

Other: please specify

Part 3: If you have had research experience and/or a mentor at medical school, how important were they in making you consider pursuing a research -focused medical career?

Positive experience in research as a medical student *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Very important
- ☐ Not applicable

Supportive mentor / research supervisor as a student *

- ☐ Not at all
- ☐ Somewhat
- ☐ Neutral
- ☐ Important
- ☐ Verv important

☐ Not applicable

Part 4

Within which one field of medicine are you most interested in undertaking research? *

- ☐ Anaesthetics
- ☐ Cardio–thoracic Surgery
- ☐ Cardiology
- ☐ Clinical Genetics
- ☐ Clinical Pharmacology
- ☐ Dermatology
- ☐ Emergency Medicine
- ☐ Endocrinology
- ☐ Gastroenterology
- ☐ General (Internal) Medicine
- ☐ General Practice
- ☐ General Surgery
- ☐ Genito–urinary Medicine
- ☐ Geriatric Medicine
- ☐ Haematology
- ☐ Immunology
- ☐ Infectious Diseases
- ☐ Intensive Care Medicine
- ☐ Medical Education
- ☐ Neurology
- ☐ Neurosurgery
- ☐ Obstetrics and Gynaecology
- ☐ Oncology
- ☐ Ophthalmology
- ☐ Oral and Maxillo–facial Surgery
- ☐ Paediatric Surgery
- ☐ Paediatrics
- ☐ Palliative Care
- ☐ Pathology
- ☐ Plastic Surgery
- ☐ Psychiatry
- ☐ Public health
- ☐ Radiology
- ☐ Renal Medicine

- ☐ Respiratory Medicine
- ☐ Rheumatology
- ☐ Sport and Exercise Medicine
- ☐ Trauma and Orthopaedic Surgery
- ☐ Tropical Medicine
- ☐ Urology
- ☐ Other

If you selected other, please specify:

Thanks for completing our questionnaire.

Do you have any additional comments?