## LSHTM Open Research Survey

**Page 1: LSHTM Open Research Survey**

The aim of this survey is to gather information on the current adoption of open research practices among LSHTM researchers and identify areas where support is needed. Even if you do not apply open research practices in your own research, we would like you to take part in this survey. Your participation will help to ensure that the support provided is appropriate for your research discipline. Your responses to the survey will inform the design of open research training and other support provided at LSHTM.

Broadly, open research (also called 'open science' or 'open scholarship') refers to efforts to ensure that different elements of the research process are robust, transparent, and accessible.

The survey is aimed at LSHTM researchers in any role and at any career stage. This includes academic staff, research degree students, and research support staff working in London, the MRC Unit The Gambia at LSHTM, MRC/UVRI and LSHTM Uganda Research Unit, and LSHTM-affiliated organisations.

**Do I have to take part?**

Participation in this survey is voluntary and will not influence future research opportunities. We estimate that it will take approximately 10 minutes.

**What will happen to information collected about me?**

The survey results will be written up as a report that will be made publicly available. Anonymous data will be made publicly available in a digital repository. These outputs will not provide information that will allow identification of you or your responses.

If you wish to exclude your response from analysis, please provide your Receipt number. These will be displayed on the 'Completion Receipt' displayed when you submit the survey.

If you have any comments or questions, please contact the LSHTM Research Data Manager, Gareth Knight (gareth.knight@lshtm.ac.uk).

Please indicate your consent to participate in the survey before proceeding

* I consent to participating in the survey

**Page 2: About You**

First, please provide brief details about yourself and where you are located in LSHTM.

**Q1. Which of the following best describes your current LSHTM role? (select one). Required**

* Research Degree Student (PhD, MPhil)
* Research Assistant
* Research Associate
* Research Fellow
* Reader
* Associate Professor
* Assistant Professor
* Professor
* Trial Assistant
* Trial Manager
* Data Manager
* Administrator
* Other

**Q1a. If you selected Other, please specify (text box)**

**Q2. In total, how many years have you worked/studied at LSHTM? (select one) Required**

* Less than 1 year
* 1-5 years
* 6-10 years
* 11-15 years
* 16-20 years
* More than 20 years

**Q3. Where are you located within the LSHTM structure? (Select one) Required**

* LSHTM - Faculty of Epidemiology and Population Health
* LSHTM - Faculty of Infectious and Tropical Diseases
* LSHTM - Faculty of Public Health and Policy
* LSHTM - Professional Support Services (e.g. ITS, LAORS)
* MRC Unit The Gambia at LSHTM
* MRC/UVRI and LSHTM Uganda Research Unit
* Other

**Q3a. Which EPH department are you located in? (select one) Required**

* Dept of Infectious Disease Epidemiology
* Dept of Medical Statistics
* Dept of Non-Communicable Disease Epidemiology
* Dept of Population Health
* Other department

**Q3b. Which ITD department are you located in? (select one) Required**

* Dept of Clinical Research
* Dept of Disease Control
* Department of Infection Biology
* Bloomsbury Research Institute
* Wolfson Cell Biology Facility
* Teaching and Diagnostic Unit
* Other department

**Q3c. Which PHP department are you located in? (select one) Required**

* Dept of Global Health and Development
* Dept of Health Services Research and Policy
* Public Health, Environments and Society
* UK Faculty of Public Health
* Other department

**Q3d. Which MRC Uganda area are you located in? (select one) Required**

* UG-Basic Science
* UG-Co-Infections
* UG-HIV Care
* UG-HIV Prevention & Epidemiology
* UG-HIV Prevention & Epidemiology
* UG-Uganda Science Support
* UG-Non-Communicable Diseases
* Other

**Q3e. Which MRC Gambia area are you located in? (select one) Required**

* GM-Child Survival Theme
* GM-Disease Control and Elimination Theme
* GM-Gambia Clinical Services/Comms
* GM-General Administration
* GM-IS
* GM-Laboratory Management
* GM-Nutrition Theme
* GM-Vaccinology Theme
* GM-West African Initiative

**Q3f. Which Professional Support Service are you located in?** (text box)

**Q3g. Other**

If you selected Other, please specify: (text box)

**Page 3: Open Research Practices**

On this page, we will ask you questions on your awareness and use of various open research practices.

**Q4. How familiar are you with the following open research practices? (Please select \*ONE\* answer per row) Required**

*Please don't select more than 1 answer(s) per row. Please select at least 10 answer(s).*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Unfamiliar (until now) | Familiar. Have not used it in research | Familiar. Have used it in research | Not applicable to my research |
| 1. Preregistration: Publication of a research plan or trial registration before undertaking work |  |  |  |  |
| 2. Registered reports: Publication of an article on the research plan before undertaking work |  |  |  |  |
| 3. Research co-production: Use of citizen science, crowdsourcing, co-creation, or other methods to encourage the public, patients, or others to contribute to research |  |  |  |  |
| 4. Research verification: Testing claims of prior research through replication / reproduction / robustness checks |  |  |  |  |
| 5. Sharing preprints & other scholarly works prior to peer review via an online repository |  |  |  |  |
| 6. Open Peer review: Providing a journal or grant peer review where authors and reviewers are aware of each other’s identity |  |  |  |  |
| 7. Sharing public engagement literature (reports, pamphlets, or other resources) for purpose of informing participants/the public of research objectives & outcomes |  |  |  |  |
| 8. Code sharing: Making R packages, STATA DO files, or other code openly available |  |  |  |  |
| 9. Sharing of CAD Files, including 3D models, scans, blueprints and designs for physical objects and open hardware |  |  |  |  |
| 10. Sharing of physical materials: Making specimens, samples, or other items available |  |  |  |  |

**Q5. What was the motivation for applying these research practices?** (text box)

**Q6. Do you intend to apply these open research practices in the near future? E.g. next 2 years, in your next project. (Please select \*ONE\* answer per row)** Required

*Please don't select more than 1 answer(s) per row. Please select at least 10 answer(s).*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes | No | I don’t know |
| 1. Preregistration |  |  |  |
| 2. Publication of a registered report |  |  |  |
| 3. Research co-production (such as citizen science, crowdsourcing, co-creation, or other methods) |  |  |  |
| 4. Research verification: Testing claims of prior research |  |  |  |
| 5. Sharing preprints & other works prior to peer review |  |  |  |
| 6. Open Peer review |  |  |  |
| 7. Sharing public engagement literature |  |  |  |
| 8. Code sharing |  |  |  |
| 9. Sharing of CAD Files including 3D models for physical objects |  |  |  |
| 10. Sharing of physical materials (such as samples) |  |  |  |

**Q6a. If you have been involved in research that has applied one or more open research practices, please can you briefly describe it? (or provide a web link)** (text box)

**Page 4: Open Research barriers & concerns**

**Q7. The table below shows potential concerns that may be raised on the use of open research practices. Please can you rate them in relation to your own research? (Please select \*ONE\* answer per row)** Required

*Please don't select more than 1 answer(s) per row. Please select at least 5 answer(s).*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not a concern | A minor concern | A considerable concern |
| It may prevent exploratory research (e.g. preregistration) |  |  |  |
| Other people may copy my research idea, implement it and/or publish it before I do |  |  |  |
| There may be unexpected intellectual property issues |  |  |  |
| There may be unexpected ethical issues |  |  |  |
| It may not be possible to protect participant confidentiality |  |  |  |
| Others may criticise my work before it is complete |  |  |  |
| Others may find it difficult to understand my research |  |  |  |
| Others may find errors in my research |  |  |  |
| It may result in others asking me to provide assistance with their research |  |  |  |
| A journal might not publish findings that have previously been made openly available |  |  |  |

**Q8. To what extent do you consider the following factors to be barriers to take-up and use of open research practices in your own research? (Please select \*ONE\* answer per row)**

*Please don't select more than 1 answer(s) per row. Please select at least 5 answer(s).*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Strongly disagree | Disagree | Neither agree or disagree | Agree | Strongly Agree |
| Lack of positive incentives for take-up |  |  |  |  |  |
| Lack of consideration in career development |  |  |  |  |  |
| Lack of mandates from funders, institutions or other regulators |  |  |  |  |  |
| Lack of information or training on good practice |  |  |  |  |  |
| Lack of supporting infrastructure |  |  |  |  |  |
| Lack of time |  |  |  |  |  |
| Lack of dedicated funding |  |  |  |  |  |
| Lack of support from senior researchers (e.g. supervisors and principal investigators) |  |  |  |  |  |
| Lack of interest from junior researchers |  |  |  |  |  |

**Q8a. If appropriate, please mention any other concerns / barriers or provide further information on the above.** (free text)

**Page 5: Open Research support**

**Q9. What would motivate you to apply open research practices more widely in your research? (select all that apply)**

* Enhanced academic reputation
* Information on the number of people who access my research
* Information on how other people use my research
* Co-authorship on papers resulting from reuse
* Case study that showcases my open research practices
* If it is looked on more favourably in funding decisions
* If it is looked on more favourably in promotion decisions
* Extra funding to support open research practice
* Evidence of impact
* Training and support to improve knowledge and expertise
* Assistance from institutional staff to apply open research practice
* Other. Please explain

**Q9a. Please mention other factors that would motivate you to apply a specific open research practice more widely** (free text)

**Q10. Have you received formal training or other support associated with any of the open research practices mentioned? (e.g. attended LSHTM seminar/webinar, enrolled in an online training module)** Required

* Yes
* No
* I don't know

**Q10a. If you can recall, please state the training/support received and where it was obtained.** (free text)

**Q11. If LSHTM were to offer training and guidance on open research practices, what proficiency level should it be aimed toward to help you in your research (based upon your current level of expertise)? (Please select \*ONE\* answer per row)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Introductory | Intermediate | Advanced | Not applicable / not interested |
| 1. Preregistration |  |  |  |  |
| 2. Publication of a registered report |  |  |  |  |
| 3. Research co-production (citizen science, crowdsourcing, co-creation) |  |  |  |  |
| 4. Research verification: Testing claims of prior research |  |  |  |  |
| 5. Sharing preprints & other works prior to peer review |  |  |  |  |
| 6. Open Peer review |  |  |  |  |
| 7. Sharing public engagement literature |  |  |  |  |
| 8. Code sharing |  |  |  |  |
| 9. Sharing of CAD Files including 3D models for physical objects |  |  |  |  |
| 10. Sharing of physical materials (such as samples) |  |  |  |  |

**Q11a. Are there any other open research topics that it would be helpful to cover / additional content that should be added to existing support?** (text box)

**Q12. If you have other suggestions or comments on open research support at LSHTM, please write them below** (text box)

**Q13. If you would like to be contacted for follow-up, please type your email address**

*Please enter a valid email address.*

**Page 6: Thank you for completing the survey!**

Thank you for completing the LSHTM Open Research survey.

If you would like to discuss open research practices within your own project, or have any questions about the survey, please contact Gareth Knight (Research Data Manager in the LSHTM Library, Archive and Open Research Service) on [Email]