Data sharing at the University of Cambridge

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You will receive the slides
TODAY:

• Funders’ requirements for data sharing

• Support available at Cambridge
WHAT IS RESEARCH DATA?

“...material (...) accepted in the scientific community as necessary to validate research findings...”

EPSRC: http://www.epsrc.ac.uk/about/standards/researchdata/science/
Funder policies for Open Access to DATA
“Publicly funded research data are a public good (...), which should be made openly available with as few restrictions as possible...”
Some funders actually check it...

Random checks on all publications from 1 May 2015 that acknowledge EPSRC + sanctions for not sharing
How to share data?

• Store data for (at least) 10 years

• Describe your data

• Deposit your data in suitable data repositories - look for access control:
  
  • UK Data Service: reshare.ukdataservice.ac.uk/

  • EGA: www.ebi.ac.uk/ega/home

  • Or other repositories (including Cambridge repository): www.data.cam.ac.uk/repository
Exemptions

- Personal/sensitive data
- IP protection/commercial data

Appropriate statement in the publication needs to explain the reasons for restrictions
Data Management Plans:

- Compulsory part of grant applications
- Plans for data sharing/reasons for restrictions
- MRC – update your plan regularly
- Adherence to the plan might be monitored and taken into account when applying for future funding
Budget for Research Data Management and sharing in your grant application:

- Funding can be requested on grant applications as part of the full economic cost of a research project.
- Funding can be used to support for example:
  - **staff**
  - **physical resources, e.g. storage**
    - e.g. sharing data via Cambridge data repository: £4/GB
Sharing makes your grant application more impactful:

- The more you share, the more discoverable your results, the better!
- Indicate this in your impact statements and in your data management plan
- **Highlight** this in your entire grant application
What do I need to do?

• For every new publication – share what is shareable & add a statement

• If you cannot share the data – at least make metadata available

• When applying for money:
  • Budget for Research Data Management and sharing
  • Highlight the impact of sharing your data

• Be aware of help available to you at the University of Cambridge
Cambridge support for data management and sharing
Funder names arranged alphabetically. Click on the hyperlink below to see the full-length policy.
DATA REPOSITORY

University of Cambridge data repository

www.data.cam.ac.uk/upload
Create a new data submission

Data submission form

We accept depositions up to 20GB. If your dataset exceeds 20GB, please contact us. If you have any problem:

- I understand and agree to the terms and conditions

Please confirm if you have read and accepted the data deposition terms and conditions

Title *

List all authors of this dataset *

Description of your data *
If your file format is currently not accepted, please contact us and we will enable it for you.

Add a new file *

Drop files here or click Browse below.

Browse  Upload

Files must be less than 20 GB.
Allowed file types: bmp c cae cif cpp csv doc docx jpeg opj mp3 mp4 mpeg mpeg4 pdf png ppt pptx rar tif tiff txt xlsx xlsx zip
What if my data contains personal/sensitive information?

- Make your data discoverable – share the metadata:
  - Our repository: www.data.cam.ac.uk/upload
  - Records can be embargoed/made private
  - Will be automatically updating researcher’s profiles in Symplectic/VIVO
  - Researchfish, Return for REF
Create a new plan

Please select from the following drop-downs so we can determine your plan.

If you aren't responding to specific requirements from a funder on the most common themes.

If applying for funding, select your research funder.
Otherwise leave blank.

https://dmponline.dcc.ac.uk/

www.data.cam.ac.uk/support/external
Advice on preparing a data management plan

Would you like to get advice on your data management plan? We are here to help. Please send us your data management plan by using the form below and we will get back to you within five working days.

Important notes:

By using this service you certify that you have read you funder's policies on research data management and prepared your data management plan in accordance with these policies.

Funders' guidance on data management plans:

Specific guidance on funders' requirements for data management plans is available below – you need to follow funders' guidance when preparing a data management plan.

- AHRC
- BBSRC
- EPSRC
- ESRC
- MRC
- NERC
- Royal Society
- STFC
- Wellcome Trust

Example data management plans:

We also have some example data management plans which might be useful when preparing your first data management plan:

- AHRC – from the University of Bristol
- ESRC (Social Sciences) – from the University of Leeds
- ESRC (Psychology) – from the University of York
- MRC – from the University of Bristol
- Wellcome Trust – from London School of Hygiene and Tropical Medicine
## Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>19 JAN</td>
<td>Open Data information session @ Addenbrooke's site</td>
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<tr>
<td></td>
<td><strong>Tuesday, 19 January 2016, 10:30 - 11:30</strong></td>
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<tr>
<td>20 JAN</td>
<td>Open Data information session @ Mill Lane</td>
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<tr>
<td></td>
<td><strong>Wednesday, 20 January 2016, 14:30 - 15:30</strong></td>
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<tr>
<td>22 JAN</td>
<td>Wellcome Trust’s and CRUK’s requirements for data sharing – meet the funders</td>
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<td><strong>Friday 22 January, 10.30 - 12.00, Gurdon Institute</strong></td>
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<tr>
<td>12 FEB</td>
<td>Strategies for managing social media research data</td>
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<tr>
<td></td>
<td><strong>Friday 12 February, 1:00 PM - 4:00 PM</strong></td>
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<tr>
<td>29 FEB</td>
<td>Research Data Management Workshop</td>
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<tr>
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<td><strong>Mon 29 Feb 2016, 10:30 - 12:30</strong></td>
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<tr>
<td>12 APR</td>
<td>Research Data Management Workshop</td>
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<tr>
<td></td>
<td><strong>Tues 12 April 2016, 10:30 - 12:30</strong></td>
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<tr>
<td>11 MAY</td>
<td>Research Data Management Workshop</td>
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<tr>
<td></td>
<td><strong>Wed 11 May 2016 - 10:30 - 12:30</strong></td>
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</tbody>
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FAQ

What needs to be shared and when?
Questions about exemptions from research data sharing
Questions about resources to support research data sharing
Questions about data repositoriues
Questions about personal/sensitive/commercial data
Questions about source code sharing
Questions about data from collaborations
Take-home messages:

• For every new publication – share what is shareable & add a statement

• If you cannot share the data – at least make metadata available

• When applying for money:
  • Budget for Research Data Management and sharing
  • Highlight the impact of sharing your data

• Be aware of help available to you at the University of Cambridge
THANK YOU

Enquiries about research data: info@data.cam.ac.uk
Enquiries about Open Access to publications: info@openaccess.cam.ac.uk

Follow us on Twitter: @CamOpenData
Resources for working with personal/sensitive data

- **University Ethics website:**
  - [www.research-integrity.admin.cam.ac.uk/research-ethics/](http://www.research-integrity.admin.cam.ac.uk/research-ethics/)
  - Dr Rhys Morgan, Research Governance and Integrity Officer:
    - rhys.morgan@admin.cam.ac.uk

- **MRC guidelines:**

- **ESRC consent form, anonymisation guide, and access control:**
  - [http://ukdataservice.ac.uk/manage-data/legal-ethical/anonymisation](http://ukdataservice.ac.uk/manage-data/legal-ethical/anonymisation)
  - [http://ukdataservice.ac.uk/manage-data/legal-ethical/access-control](http://ukdataservice.ac.uk/manage-data/legal-ethical/access-control)

- **Our website (University resources):**
  - [http://www.data.cam.ac.uk/sensitive-data](http://www.data.cam.ac.uk/sensitive-data)