Everything You Need to Know about Open Access and Data Sharing

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Office of Scholarly Communication
Cambridge University Library

16/05/2016
You will receive these slides
• When you publish your paper, what do you do about it?
  – ResearchGate?
  – LinkedIn?
  – Academia.edu?
  – Google Citations profile?
  – Twitter?

• And what version do you point to?
Publishing a paper is just the beginning… Don’t panic! There’s lots of help.

<table>
<thead>
<tr>
<th>PURPOSE</th>
<th>SERVICE</th>
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<tbody>
<tr>
<td>Author disambiguation services</td>
<td>ORCID and ResearcherID</td>
</tr>
<tr>
<td>Personal sites and social media</td>
<td>Facebook, LinkedIn, own website, The Conversation, blog, Institutional Repository</td>
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<td>Researcher Communities</td>
<td>Academia / ResearchGate</td>
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<td>Reference management tools with social functions</td>
<td>Mendeley</td>
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<td>Search engines with author profiles</td>
<td>Google Scholar, Scopus</td>
</tr>
<tr>
<td>University author profile pages</td>
<td>VIVO (to come)</td>
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</tbody>
</table>
This is one researcher’s list of things to do when a paper comes out.

I found myself needing a checklist so that I could make sure I’d updated all the various web-pages that needed tweaking after the *Haestasaurus* paper came out. Then I thought others might find it useful for when they have new papers. So here it is.

- Write a blog-post on SV-POW!
- Create a new page about paper in the SV-POW! sidebar.
- Add the full-resolution figures to the sidebar page.
- Update my online publications list.
- Update my University of Bristol IR page.
- Update my ORCID page.
- Update my LinkedIn page.
- Mendeley, if you do it (I don’t).
- ResearchGate, if you do it (I don’t).
- Academia.edu, if you do it (I don’t).
- Keep an eye on the new taxon’s Wikipedia page (once it exists).
- Add the paper to the Paleobiology Database (or ask someone to do it for you if you’re not authorised). [Credit: Jon Tennant]
- Tweet about it! [Credit: Matt Hodgkinson]
- Update Google Scholar, if it doesn’t pick up on the publication on its own [Credit: Christopher Taylor]
- Post on Facebook [Credit: Andy Farke]
- Send PDF to the institution that hosts the material [Credit: Andy Farke]
- Email colleagues who might be interested [Credit: Andy Farke]
- Write short popular language account for your institution if applicable [Credit: Andy Farke]
- Submit any silhouettes to PhyloPic [Credit: Mike Keesey]

A social networking site is NOT an open access repository

- ResearchGate and Academia.edu - social networking platforms with primary aim is to connect researchers with common interests
  - Facebook/LinkedIn style experience
- Commercial companies.
  - Although Academia.edu has a “.edu” URL, it isn’t run by a higher education institution. The domain name was registered before the rules that would now prohibit this use went into effect.

http://osc.universityofcalifornia.edu/2015/12/a-social-networking-site-is-not-an-open-access-repository/
So what is open access and why should I make my research openly available?
Open Access: making scholarly research outputs freely available to access online
OPEN RESEARCH

PUBLICATIONS (Open Access)

DATA (Open Data)
Open research is ‘A Good Thing’

- More exposure for your work
- Practitioners can apply your findings
- Higher citation rates
- Taxpayers get value for money
- Compliant with grant rules
- The public can access your findings
- Your research can influence policy

Researchers in developing countries can see your work

CC-BY Danny Kingsley & Sarah Brown
Research relies on the principle that we share our findings

Idea and findings need to be shared to move research forward
Open research is ‘A Good Thing’

You can make your research openly available on our repository.
The repository is sorted into Faculties/Departments
Each item has its own record

Measuring children and young people's wellbeing in the school context
McLellan, Ros; Steward, Susan

URI: http://dx.doi.org/10.1080/0305764X.2014.890650
http://www.repository.cam.ac.uk/handle/1810/247002
Date: 2014-06-24

Abstract:
Although rooted in the work of ancient Greek philosophers, contemporary research on wellbeing is a relatively new phenomenon. As a term in the literature, wellbeing is often used interchangeably with other concepts, such as happiness, flourishing, and life satisfaction. Furthermore, wellbeing of school-aged children is only beginning to be explored with increasing recognition that research conducted on adults cannot be unproblematically applied to children and young people. This paper aims to address some of the complexities in conceptualising and assessing children and young people’s wellbeing by drawing on a recently completed study examining the role of creative initiatives in fostering wellbeing. The new instrument that was developed to capture children and young people’s perceptions of their wellbeing in school is outlined. Data are presented from a survey of 6170 students from 20 primary and 20 secondary schools across England that identify four dimensions of wellbeing. Differences in self-reported wellbeing relating to age, gender and type of school attended (Creative Partnerships versus other schools) are explored. The implications of these findings, particularly differences related to type of school attended given the focus of this special edition, are considered.

Description:
This is an Accepted Manuscript of an article published by Taylor & Francis in Cambridge Journal of Education on 24 June 2014. Available online: http://www.tandfonline.com/10.1080/0305764X.2014.890650.

Show full item record

Find full text

Files in this item

Name: McLellan & Steward ...
Size: 671.5Kb
Format: PDF

www.repository.cam.ac.uk
The repository is well indexed by Google and Google Scholar.
Our institutional repository

Repository use 15 April 2016 – 15 May 2016
There are also some policies that researchers need to comply with:

- Open Access
- Open Data
Open Access publications policies
To comply…

Publications must be freely available from a repository within a certain timeframe.
There are different ways to comply…

- **Gold Open Access**
  - Open access at the time of publication. Gold Open Access can be considered to be 'born Open Access'. Fully Open Access journals sometimes (but not always) charge a fee for publication.

- **Green Open Access**
  - Making a version of work available in an open access repository. These can be institutional such as the Cambridge Repository or subject based, such as arXiv, PubMed Central, RePEc or SSRN. Green Open Access can be considered to be 'secondary Open Access'.

- **Hybrid journals**
  - Hybrid journals are subscription journals that charge an extra fee to make a specific article Open Access while the remainder of the journal remains behind a paywall. This type of Gold Open Access is always accompanied by a fee.
Do publishers allow green?

http://www.sherpa.ac.uk/romeo/
Nature

Search - Publisher copyright policies & self-archiving

Published by: Nature Publishing Group

This summary is for the journal's default policies, and changes or exceptions can often be negotiated by authors.

An information is correct to the best of our knowledge but should not be relied upon for legal advice.

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Open Access publications policies

Versions matter

• Submitted Version
  – Sometimes called a pre-print. The version of the work the author submits to the publisher

• Author Accepted Manuscript
  – The author’s final, peer reviewed and corrected manuscript, usually created in Word or LaTeX. Sometimes called a post-print.

• Version of Record
  – The publisher’s pdf containing the style and design of the journal
Some funders actually check it…

As long as we have your paper within 3 months of acceptance we can make it compliant.

If you paper is not compliant then it won’t be eligible for the next REF.
That is why we are here – to make life simple...
“Publicly funded research data are a public good (...), which should be made openly available with as few restrictions as possible...”

http://www.rcuk.ac.uk/research/datapolicy/
What is data?

“…factual material commonly retained by and accepted in the scientific community as necessary to validate research findings…”

http://www.epsrc.ac.uk/about/standards/researchdata/scope/
How to share data?

- Store data for (at least) 10 years
- Describe your data
- Deposit your data in a suitable data repository
- Provide a persistent link to your data as a reference in your publication
Research data policies

Some funders actually check it...

Random checks on all publications from 1 May 2015 that acknowledge EPSRC + sanctions for not sharing
We run lots of services connected to open research which aim to help you throughout your research
Cambridge support for open research

Research lifecycle

Applying for money

Start of the project

Project duration

Sharing data

Publishing papers
Guidance on data management plans

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

www.data.cam.ac.uk/DMPsupport
We can give you guidance on your plan

Send us the draft of your plan ASAP – we will come back with comments

www.data.cam.ac.uk/DMPsupport
Publication costs

Budget for Open Access publication costs

*if applicable*

[Logos: ERC, NHS National Institute for Health Research]

[Links: www.osc.cam.ac.uk/open-access, info@openaccess.cam.ac.uk]
Cambridge support for open research

Research lifecycle

1. Applying for money
2. Start of the project
3. Publishing papers
4. Sharing data
5. Project duration
Data management support

www.data.cam.ac.uk
<table>
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<tr>
<th>Funder</th>
<th>Policy Highlights</th>
<th>Date of the last update/policy check</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRC</td>
<td>The MRC expects valuable data arising from MRC-funded research to be made available to the scientific community with as few restrictions as possible so as to maximize the value of the data for research and for eventual patient and public benefit. Such data must be shared in a timely and responsible manner. Grant holders shall review and update their data management plans annually. MRC also provides a detailed guideline on dealing with personal data in medical research.</td>
<td>April 2016</td>
</tr>
<tr>
<td>NERC</td>
<td>Possible sanctions: “those who do not meet the data management requirements [...] risk having award payments withheld or becoming ineligible for future funding.” Data needs to be deposited into a NERC data centre within 2 years of collection.</td>
<td>April 2016</td>
</tr>
<tr>
<td>NIH</td>
<td>“Data sharing is essential for expedited translation of research results into knowledge, products and procedures to improve human health.”</td>
<td>April 2016</td>
</tr>
<tr>
<td>NIHR</td>
<td>“Data generated through participation of patients and the public should be put to maximum use by the research community. When you submit your final report to NIHR they will ask you to make a statement about your data archiving position. Possible responses might state that all available data: • Can be obtained from the corresponding author. • Is included as an appendix to the report. • Can be obtained from the corresponding author via the (name of) repository. If you have deposited (or intend to deposit) data from your study into a data sharing repository, please supply the URL to the data archive so that when your report becomes available the link to the data is also available.”</td>
<td>April 2016</td>
</tr>
</tbody>
</table>
• They really are!
• From discussion with over 1450 researchers

www.data.cam.ac.uk/data-faq
Discussions with funders

In conversation with Ben Ryan from EPSRC

© May 21, 2015  Uncategorized  data management plan, Engineering and Physical Sciences Council, EPSRC, funders, intellectual property, open data, policy, RCUK, repository, Research Data Management

https://unlockingresearch.blog.lib.cam.ac.uk
Cambridge support for open research

Research lifecycle

- Applying for money
- Start of the project
- Publishing papers
- Sharing data
- Project duration
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Title</th>
<th>Date/Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 May</td>
<td>What you most need to know about Open Access</td>
<td>Wednesday 18 May, 12:30-14:00, Postdoc Centre, 16 Mill Lane, Cambridge</td>
<td></td>
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</tr>
<tr>
<td>2 Jun</td>
<td>How to use the University’s repository to publish your research</td>
<td>Thursday 2 June, 14:00 - 15:00, Seminar Room G, 17 Mill Lane</td>
<td></td>
<td></td>
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<tr>
<td>7 Jun</td>
<td>Rinocloud - platform for easy research data management</td>
<td>Tuesday 7 June, 14:30, Seminar Room G, 17 Mill Lane</td>
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<tr>
<td>8 Jun</td>
<td>Improving the research process - discussing an 'open research' position</td>
<td>Wednesday 8 June, 15:00 - 16:30, Lecture Room G, Department of Engineering, Trumpington Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Jun</td>
<td>How not to get instantly rejected</td>
<td>Thursday 9 June, 12:30-14:00, Postdoc Centre, 16 Mill Lane, Cambridge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Jun</td>
<td>OSF framework - platform to manage and share your research data</td>
<td>Thursday 9 June, 16:00, Webinar</td>
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<tr>
<td>23 Jun</td>
<td>Working towards an Open Research future</td>
<td>Thursday 23 June, 14:00 to 17:30 (BST), The Cambridge Union - 9A Bridge Street, Cambridge, CB2 1UB</td>
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<tr>
<td>29 Jul</td>
<td>The Data Dialogue: Time to Share: Navigating Boundaries &amp; Benefits</td>
<td>Friday 29 July, 9:30 - 4:00, Murray Edwards College, The University of Cambridge</td>
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<tr>
<td>14 Sep</td>
<td>Research Data Management Workshop</td>
<td>Wednesday 14 September, 10:30 - 12:30, 8 Mill Lane, Lecture Room 5, Cambridge, CB2 1RX</td>
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</table>
Other sessions we offer:

- Workshops on research data management
- Software management and sharing
- Data provenance
- Data licensing
- Introduction to Data Science
- How to publish useful data?
- Managing social media research data
- Research metrics
- Open Access for Early Career Researchers
Cambridge support for open research

Research lifecycle

- Applying for money
- Start of the project
- Publishing papers
- Project duration
- Sharing data
What shall I do to make my data available?

To make your data available first make sure that it is properly organised and labelled, and then simply upload your data to a data repository. You can:

- upload your data to the University repository
- choose an alternative data repository
- sometimes your funder (e.g. ESRC or NERC) will require that you deposit your data into a specified data repository

[www.data.cam.ac.uk/repository](http://www.data.cam.ac.uk/repository)
How to share research data?

Discipline-specific repositories preferred

www.re3data.org
Submit your data

www.data.cam.ac.uk/upload
We will check your data, upload it into the repository and send you the link

www.data.cam.ac.uk/upload
Consider sharing negative results as well

p-value 0.05: who is going to publish their results?
Cambridge support for open research

Research lifecycle

- Publishing papers
- Applying for money
- Start of the project
- Project duration
- Sharing data
Funder policies on publications

Separate page on European funders

www.osc.cam.ac.uk/open-access/open-access-policies
Open Access monographs

The monograph open access policy landscape

The open access discussions have, for the past decade or so, focused on journal articles, and increasingly conference proceedings. But now the focus is starting to move towards making publicly funded monographs open access.

Wellcome Trust

The Wellcome Trust has extended its open access policy to include scholarly monographs and book chapters authored or co-authored by Trust grantees that arise as part of their grant-funded research. The extended policy currently applies to all grantees who were awarded a grant on or after 1 October 2013. In October 2014, it will come into effect for holders of grants which were awarded after 1 October 2013. Grantees will be required to make scholarly monographs and book chapters available through PubMed Bookshelf and Europe PubMed Central (EPMC) as soon as possible, with a maximum embargo of six months. Where a publishing fee is levied, such works must be available without embargo, and be licensed in ways which support their re-use. There are comprehensive FAQs here. Welcome Trust grantees or publishers of research funded by the Wellcome Trust can use the deposit form available from the Wellcome Trust website to deposit a monograph or book chapter for inclusion in the PubMed Bookshelf and Europe PMC.

HEFCE

HEFCE set up the Monograph and Open Access Project with the Arts and Humanities Research Council (AHRC) and the Economic and Social Research Council (ESRC). The report was released in January 2013. A summary of the findings is here. HEFCE have stated they will consider the report and discuss its policy implications with the AHRC and ESRC but that they recognize that any steps towards policies for open-access monographs should be preceded by a thorough process of consultation and engagement.

RCUK

The RCUK released their Review of the Implementation of the RCUK Policy on Open Access in March 2015. The comment on monographs was: "There was also concern in some disciplines, notably the arts and humanities, that there could be a further extension of the policy to include monographs, as the Wellcome Trust has done. [...]" [deanweb] Learning societies in these disciplines thought any extension should be approached by RCUK cautiously. Within the oral evidence, Rupert Gatti, representing Open Book Publishing, stated that although the RCUK open access policy had been excellent at raising awareness of and encouraging open access, the current configuration of the policy had been slightly negative to its business model of publishing open access monographs. Previously, researchers had been using funds allocated for open access within their grants to fund open access publishing of monographs. As the RCUK mandate does not extend to monographs, researchers now feel unable to use the block grant to support publishing of open access monographs even though it would support the vision of the policy. However, it is worth noting that, for AHRC, the costs of publishing a monograph via open access is still an eligible cost which can be included within a grant application." (p15)

More information

www.osc.cam.ac.uk/open-access/open-access-and-monographs
Send us your paper **within 3 months** of acceptance.

Accepted for publication?
Make sure your work can meet REF and other funders’ Open Access requirements

[Upload manuscript](http://www.openaccess.cam.ac.uk)
Hello M. Ide-Smith!
Upload your manuscript to make sure your work can meet REF and other funders’ Open Access requirements.

Which version should I upload?

Drop your file here or select a file.

My Uploads
You haven’t uploaded anything yet.

www.openaccess.cam.ac.uk
Upload your accepted manuscript – and tell us a bit about it
What happens next???

1. Upload manuscript
2. We check funder policies, discuss options with researchers and pay for eligible articles
3. We deposit manuscript

RCUK and COAF have provided us with block grants to cover eligible open access costs.
Applying for money
Start of the project
Sharing data
Project duration
Publishing papers
Research lifecycle
Take-home message

Accepted for publication?
Upload your manuscript, to meet REF and funders’ Open Access requirements

OPEN DATA
www.data.cam.ac.uk

www.openaccess.cam.ac.uk
THANK YOU

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

www.data.cam.ac.uk
www.osc.cam.ac.uk/open-access

@CamOpenData
@CamOpenAccess
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](mailto: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)