

Everything You Need to Know about Open Access and Data Sharing

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16/05/2016



Office of Scholarly Communication





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?



Don't panic! There's lots of help.

PURPOSE	SERVICE
Author disambiguation services	ORCID and ResearcherID
Personal sites and social media	Facebook, LinkedIn, own website, The Conversation, blog, Institutional Repository
Researcher Communities	Academia / ResearchGate
Reference management tools with social functions	Mendeley
Search engines with author profiles	Google Scholar, Scopus
University author profile pages	VIVO (to come)



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

Open access repositories	Academia.edu	ResearchGate
Yes	No	No
Yes	No	No
Nonprofit (usually)	Commercial. Sells job posting services, hopes to sell data	Commercial. Sells ads, job posting services
No	Yes	Yes
No	Yes	Yes
Yes	No	No
	Yes Yes Nonprofit (usually) No No	YesNoYesNoYesNoYesCommercial. Sells job posting services, hopes to sell dataNoYesNoYes

- 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.



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

Photo credit Nic McPhee

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OPEN RESEARCH DATA PUBLICATIONS (Open Data) (Open Access)



Open research is 'A Good Thing'





OSC

CC-BY Danny Kingsley & Sarah Brown



Open research is 'A Good Thing'

Research relies on the principle that we share our findings

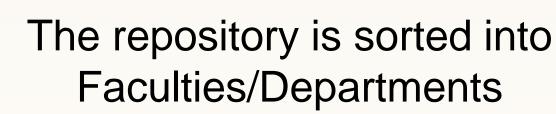
Ideas and findings need to be shared to move research forward



Open research is 'A Good Thing'

You can make your research openly available on our repository

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		 Title: <u>PhenoScanner: a database of human genotype-phenotype associations</u> Author: Staley, James R.; Blackshaw, James; Kamat, Mihir A.; Ellis, Steve; Surendran, Praveen; Sun, Benjarnin B.; Paul, Dirk S.; Freitag, Daniel; Burgess, Stephen; Danesh, John; Young, Robin; Butterworth, Adam S. Date: 2016 							
		 Title: Signaling from maize organ primordia via FASCIATED EAR3 regulates stem cell proliferation and yield traits Author: Je, Byoung II; Gruel, Jeremy; Lee, Young Koung; Bommert, Peter; Arevalo, Edgar Demesa; Eveland, Andrea L.; Wu, Qingyu; Goldshmidt, Alexander; Meeley, Robert; Bartlett, Madelaine; Komatsu, Mai; Sakai, Hajime; Jönsson, Henrik; Jackson, David Date: 2016 							
		 Title: Exceptional longevity and potential determinants of successful ageing in a cohort of 39 Labrador retrievers: results of a prospective longitudinal study Author: Adams, Vicki Jean, Watson, Penny, Carmichael, Stuart, Gerry, Stephen, Penell, Johanna, Morgan, David Mark Date: 2016-05-11 							
		 Title: Research data supporting "Uniform trapped fields produced by stacks of HTS coated conductor tape" Author: Mitchell-Villiams, T. B.; Baskys, A.; Hopkins, S. C.; Kalitka, V.; Molodyk, A.; Glowacki, B. A.; Patel, A. Date: 2016-05-16 							
		Title: GForce-PD still going strong in 2016 Author: GForce-PD Date: 2016							



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UNIVERSITY OF CAMBRIDGE	Search the Repository This Collection
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Title: Difficulties in number experienced by children aged 7 to 11 in public care in England Author: Griffiths, Rose Date: 2014-11-11	Author Author Antoniou, Panayotis (1) Basit, Tehmian Naz (1) Beauvisis, Clementine (1) Brens, Madelene (1) Brens, Madelene (1) Donrion, Krik (Calvin) (1) Tisher, Linda (1) Forbes, Karen (1)

www.repository.cam.ac.uk

DSC



Our institutional repository

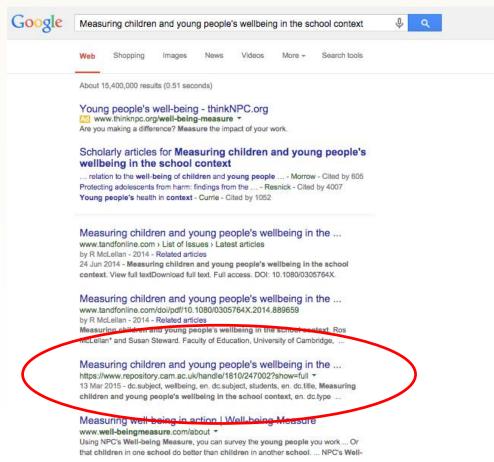
Each item has its own record

Repository Home → Faculty of Education → Scholarly works - Education → View Item	
Measuring children and young people's wellbeing in the school context McLellan, Ros; Steward, Susan	Help Help Pages Browse support pages Email
URI: http://dx.doi.org/10.1080/0305764X.2014.889659 http://www.repository.cam.ac.uk/handle/1810/247002 Date: 2014-06-24	support@repository.cam.ac.uk Contact Contact Us
	Search the Repository
Abstract: Although being 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 others, such as happiness, flourishing, enjoying a good life, and life satisfaction. Furthermore the wellbeing of school-aged bidde is the baciness the prime of the physical sector.	Search the Repository This Collection
children is only beginning to be explored with increasing recognition that research conducted on adults cannot be uncritically applied to children and young people. This paper aims to address some of the complexities in	
conceptualising, and hence 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 5170 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:	Browse All of the Repository Communities & Collections Authors Titles Subjects Type This Collection Authors Titles Subjects Type
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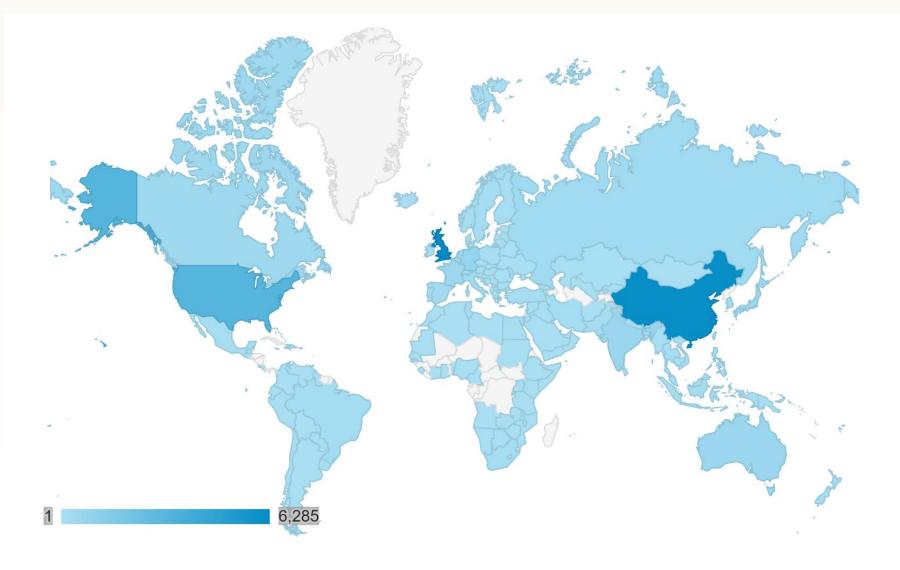
The repository is well indexed by Google and Google Scholar





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 Access publications policies







welcometrust



European Research Council



CANCER RESEARCH UK



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 <u>Cambridge Repository</u> or subject based, such as <u>arXiv</u>, <u>PubMed Central</u>, <u>RePEc</u> or <u>SSRN</u>. 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?

Apps Ď BBC iPlayer Ď CBeebies iPlayer 🗳 Hermes Webmail Se 🗳 (1) Hermes Webmail 🗅 Watch Now Austral 🗋 Better : The Feel Go 💿 Cambri	dge Universit 🔄 https://www.gov.uk/ 👯 Reimbursement of R 🔤 https://www.gov.uk/ 💽 PST to Canberra Co	یے » 🛅 Other bookman
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	Other SHERPA Services	
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Open Access publications policies

Nature

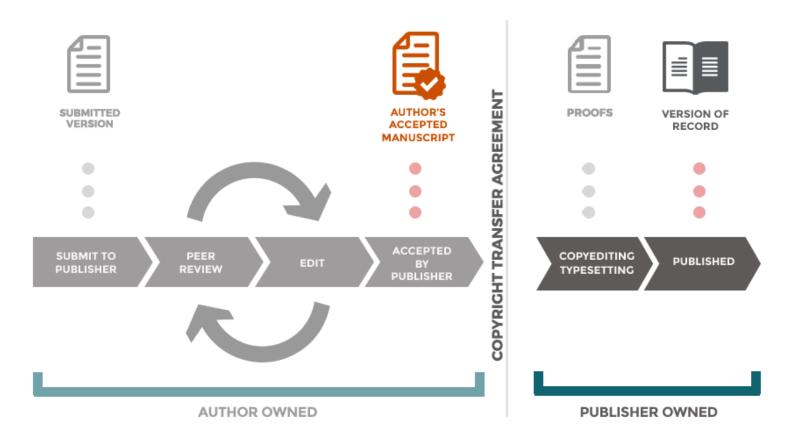
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				Contact



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...

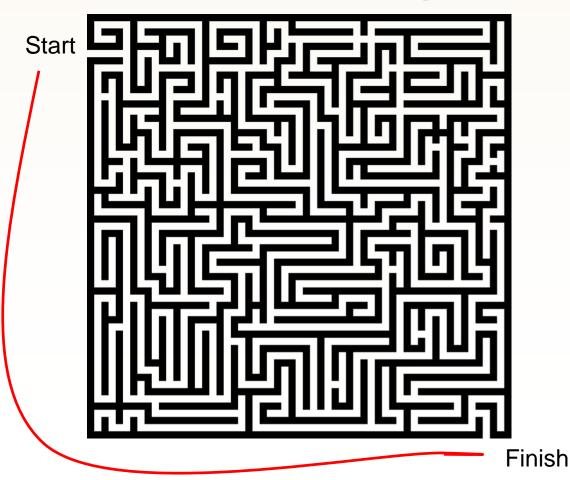


As long as we have your paper within 3 months of acceptance we can make it compliant.

If you paper is not compliant then *it won't be* eligible for the next REF.



That is why we are hear – 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 <u>suitable</u> data repository
- Provide a persistent link to your data as a reference in your publication



Some funders actually check it...



Random checks on all publications from 1 May 2015 that acknowledge EPSRC <u>+ sanctions for</u> not sharing



We run lots of services connected to open research which aim to help you throughout your research





Research lifecycle





Guidance on data management plans

Advice on preparing a data management plan

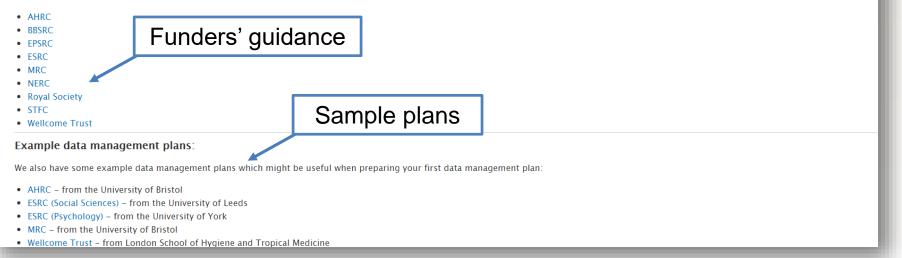
Would you like to get advice on your data management plan? We are here to help. Please send us your data management plan by using the form below and we will get back to you within five working days.

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.



www.data.cam.ac.uk/DMPsupport



We can give you guidance on your plan

Funder's name *
- Select -
Deadline for the submission of the grant proposal * Day • Month • Year •
Your name *
Your e-mail address *
Please enter your e-mail address carefully - we will use it to get in touch with you.
Upload your draft plan *
Browse No file selected. Upload

www.data.cam.ac.uk/DMPsupport



Budget for Open Access publication costs

if applicable



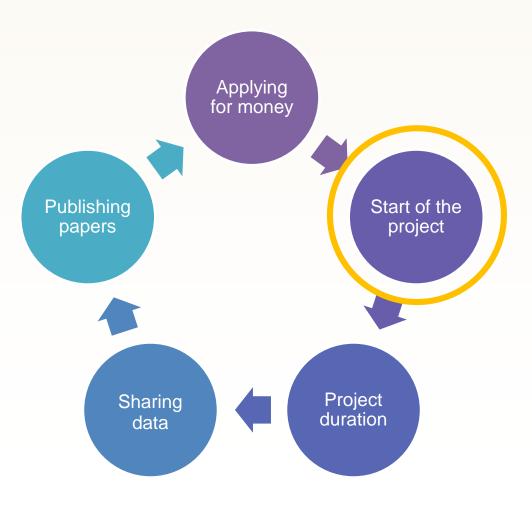
NHS National Institute for Health Research

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

info@openaccess.cam.ac.uk



Research lifecycle





Data management support





Funder policies on data

Funder names arranged alphabetically. Click on the hyperlink below to see the full-length policy.

MRC Read th	e policy	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.	April 2016	
NERC Read th	e policy	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	April 2016	Key policy highlights
NIH	_	a NERC data centre within 2 years of collection "Data sharing is essential for expedited translation of research	April 2016	
Read th	e policy	results into knowledge, products and procedures to improve human health."	2010	
NIHR Read th	e statement	"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:	April 2016	Date of thupdate/po
		 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. 		
ders		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

www.data.cam.ac.uk/funders

Date of the last update/policy check



• They really are!

OSC

• From discussion with over 1450 researchers



Frequently Asked Questions

Thanks to all the people who have attended our open data sessions during the first half of 2015. We were able to collect all the questions we received from researchers and research students and have prepared a list of Frequently Asked Questions.

We would also like to thank **Ben Ryan from the EPSRC** for carefully checking our advice and for his comments that helped us improve the answers.

We have arranged the list of FAQ into eight categories, thematically grouped:

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 repositories and linking to data Questions about personal/sensitive/commercial data Questions about source code sharing

www.data.cam.ac.uk/data-faq





In conversation with Ben Ryan from EPSRC

Sciences Council, EPSRC, funders, intellectual property, open data, policy, RCUK, repository, Research Data Managment





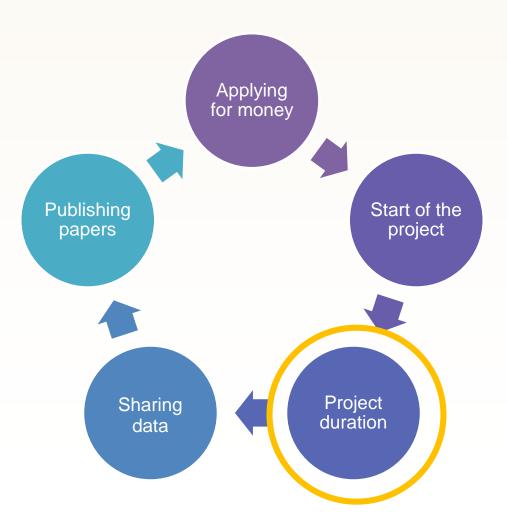


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https://unlockingresearch.blog.lib.cam.ac.uk

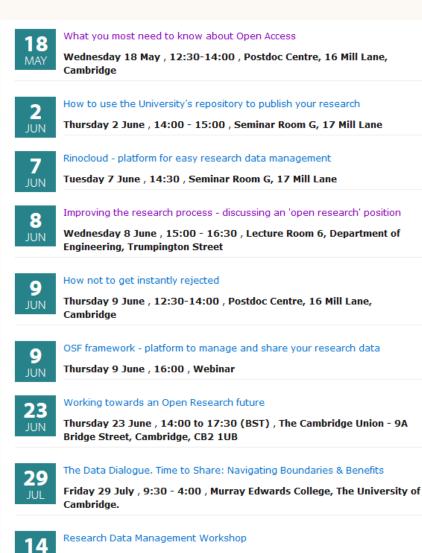


Research lifecycle





Training and support



Wednesday 14 September , 10:30 - 12:30 , 8 Mill Lane, Lecture Room 5, Cambridge. CB2 1RX

www.osc.cam.ac.uk/events

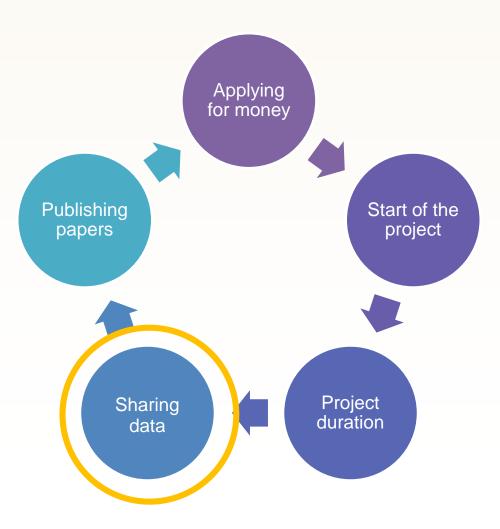


Other sessions we offer:

- 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



Research lifecycle





How to share research 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



Discipline-specific repositories preferred





www.re3data.org





www.data.cam.ac.uk/upload

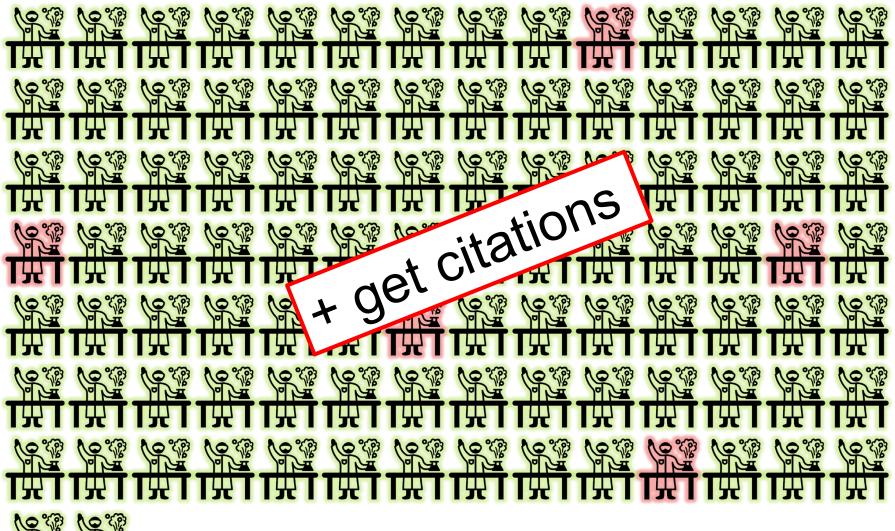


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We will check your data, upload it into the repository and send you the link

www.data.cam.ac.uk/upload

Consider sharing negative results as well

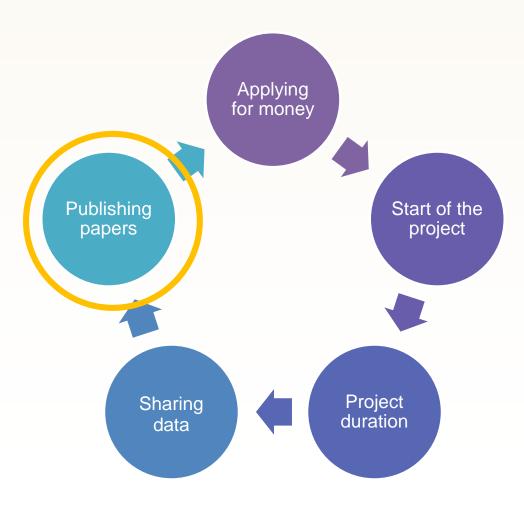


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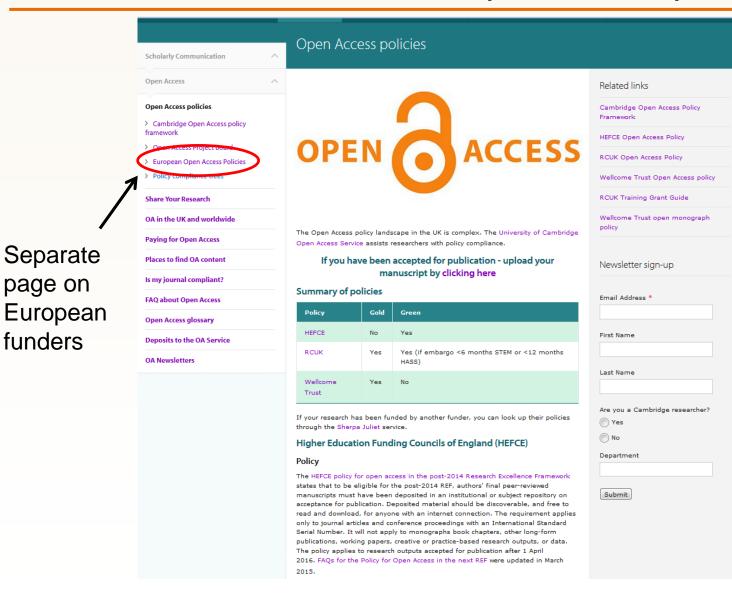
p-value 0.05: who is going to publish their results?



Research lifecycle



Funder policies on publications



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

Open Access monographs

More information on costs, funding and repositories

Scholarly Communication Modern monographs Open access and monographs > OA monograph costs > OA monograph publishing options > Sources of OA monograph funding > Book chapters in repositories New monograph business models Research on OA in HASS

Resources and support

Open access and 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 grantholders that arise as part of their grantfunded research. The extended policy currently applies to all grantholders 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 before 1 October 2013. Grantholders will be required to make scholarly monographs and book chapters available through PubMed Bookshelf and Europe PubMed Central (Europe PMC) 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. Wellcome Trust grantholders 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.

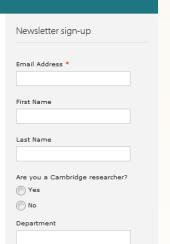
HEFCE

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 2015. A summary of the findings are here. HEFCE have stated they will consider the report and discuss its policy implications with the AHRC and ESRC but that they recognise 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. Learned 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 grant 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

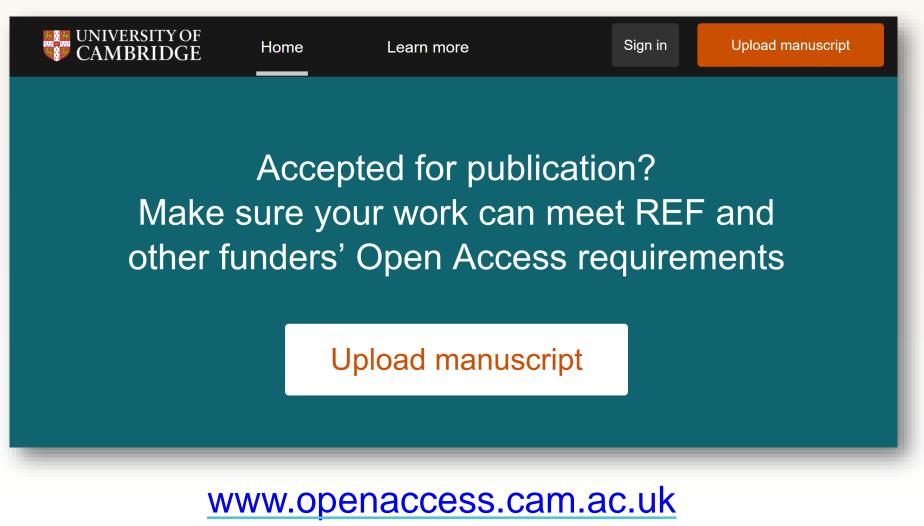


Submit

www.osc.cam.ac.uk/open-access/open-access-and-monographs



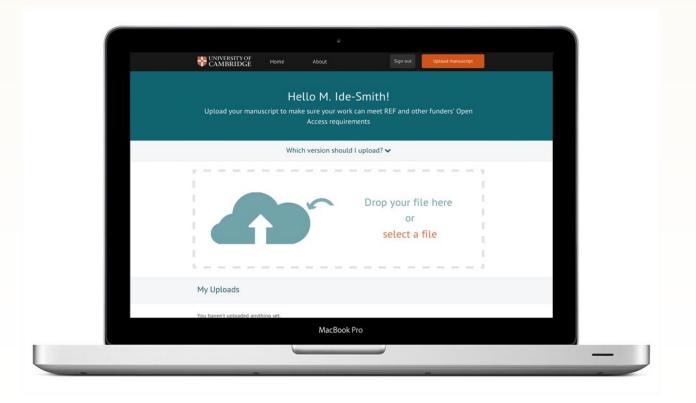
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Find out more
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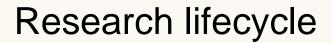
What happens next???

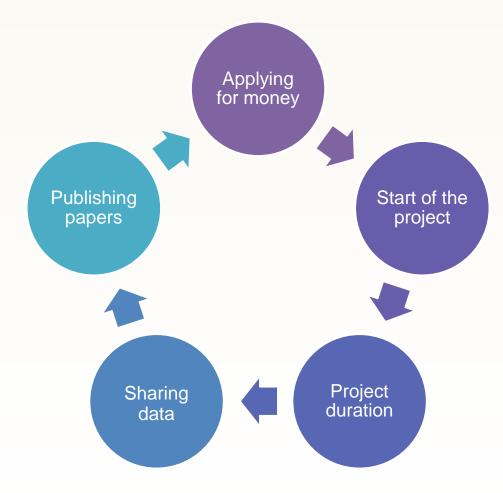


1. Upload manuscript 2. We check funder policies, discuss options with researchers and pay for eligible articles

3. We deposit manuscript

RCUK and COAF have provided us with block grants to cover eligible open access costs.

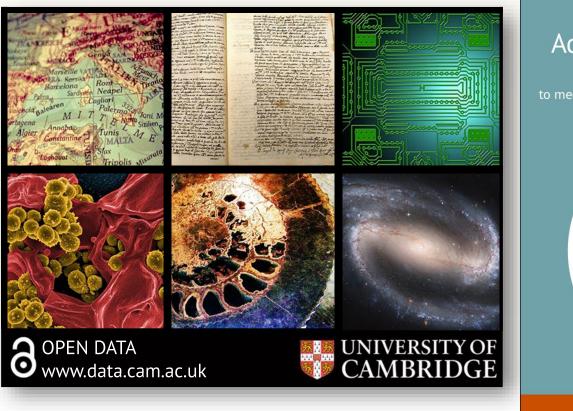








Take-home message



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Accepted for publication?

Upload your manuscript, to meet REF and funders' Open Access requirements

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



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@CamOpenAccess





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- University Ethics website:
 - www.research-integrity.admin.cam.ac.uk/research-ethics/
 - Dr Rhys Morgan, Research Governance and Integrity Officer: <u>rhys.morgan@admin.cam.ac.uk</u>
- MRC guidelines:
 - http://www.mrc.ac.uk/documents/pdf/personal-information-in-medical-research/
- ESRC consent form, anonymisation guide, and access control:
 - http://www.data-archive.ac.uk/create-manage/consent-ethics/consent?index=3
 - http://ukdataservice.ac.uk/manage-data/legal-ethical/anonymisation
 - http://ukdataservice.ac.uk/manage-data/legal-ethical/access-control
 - Our website (University resources):
 - <u>http://www.data.cam.ac.uk/sensitive-data</u>