

Is democracy the right system? Building an engaged RDM community

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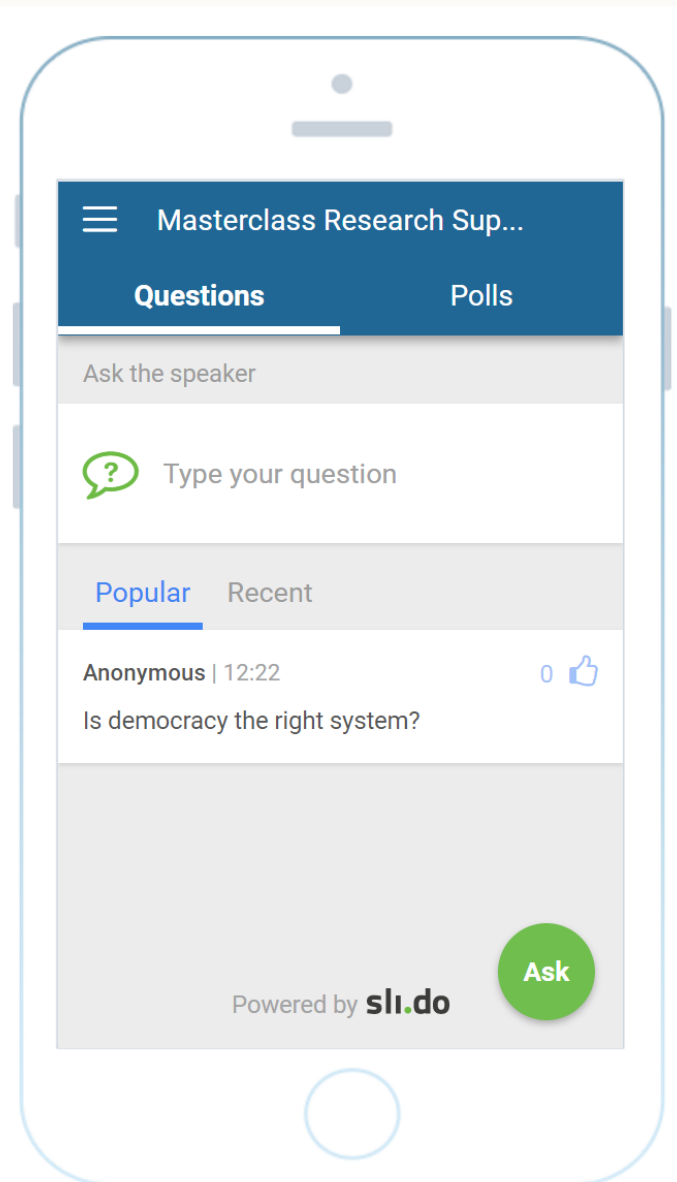
23 September, Masterclass Research Support 2016, Rotterdam

If you have questions...

OSC

www.slido.com

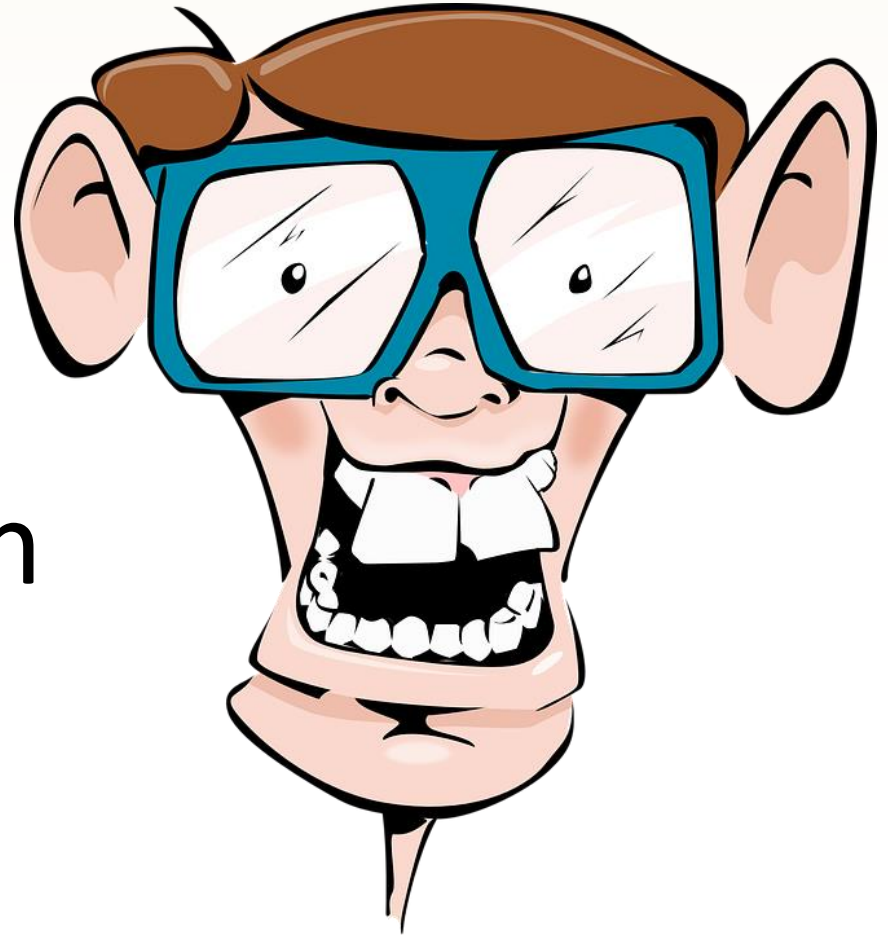
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My question to you...

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Who speaks with
researchers?



This session will cover:

- Background to Cambridge
- How not to start with RDM
- Alternative approach
- Reflections – is democracy the right system?

- 18,000 students; 9,000 staff
- 6 Schools:
 - Arts and Humanities
 - Biological Sciences
 - Clinical Medicine
 - Humanities and Social Sciences
 - Physical Sciences
 - Technology
- 150 Departments and Institutes, 31 colleges
- Fragmented support services



How **not** so start with RDM

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You must share to comply with funders' policies

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You **must** do it

EPSRC do random checks to make sure data are shared in publications that acknowledge their funding

The logo for EPSRC (Engineering and Physical Sciences Research Council) features the acronym "EPSRC" in a bold, purple, sans-serif font. The text is centered and flanked by two horizontal teal lines, one above and one below the letters.

<https://www.epsrc.ac.uk/files/aboutus/standards/clarificationsofexpectationsresearchdatamanagement/>

Immediate reaction:

- This is not my priority
- Why would I do that?
- People will steal my results!
- Data management is a waste of time
- Nobody will understand my data
- It would take me 5 years to find all my data!



Let's re-think the approach

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- Let's try to be more collaborative



Building trust



“Open Data – moving science forward or a waste of money & time?”



Video:

<https://upload.sms.cam.ac.uk/media/2113537>

<https://storify.com/CamOpenData/odpd15>



Open Data – moving science forward or a waste of money & time?

© November 27, 2015 Uncategorized Blog posts, CERN, compliance, data, funders, Medical Research Council, open data, policy, publishing, research, research data management, reward, social media

On the 4 November the Research Data Facility at Cambridge University invited some

<https://unlockingresearch.blog.lib.cam.ac.uk/?p=392>

As seen on [#scoop.it](#)

Open Data Panel Discussion

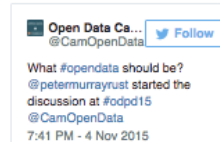
Open discussion on new funders' requirements for sharing research data, whether Open Science and sharing research data can benefit society, and help move science forward? and if Open Data is a waste of time and money?

by [Open Data Cambridge](#) a month ago 512 Views.

Getting excited for the event.



The day is finally here. Peter Murray-Rust gets us started about What [#opendata](#) should be.



Ask questions, but explain why you're asking

OSC

- Researchers are busy – they need to know you're not wasting their time



1. What should research data management support look like at the University of Cambridge?

[Quick questionnaire](#)

Please help us shape the research data management support available at the University of Cambridge. We have prepared a short questionnaire and we would greatly appreciate your feedback. The questionnaire takes 1 min to fill in.

129 responses

- Online information
- Support with data management
- Support with data management plans
- Training
- Repository
- Easy way to find these resources

The screenshot shows the homepage of the Research Data Management website. At the top, the title "Research Data Management" is displayed in white text on a dark grey background. Below the title is a navigation menu with the following items: "Home", "Data Management Guide" (with a dropdown arrow), "Support" (with a dropdown arrow), "Data Repository" (with a dropdown arrow), "Research Data Policies" (with a dropdown arrow), "FAQ" (with a dropdown arrow), "News", and "Events". The main content area has a teal background with a central white icon of a cloud with an upward-pointing arrow, and the text "UPLOAD YOUR DATA" below it. Surrounding this central element are various white icons representing different data types: a camera, a musical note, a video camera, a picture, a calendar, a pie chart, a bar chart, and a speaker. At the bottom of the page, a dark grey banner contains the text "Have a question? E-mail info@data.cam.ac.uk".

Data Management Consultancy Request Form




Please fill in the form below and we will get back to you as soon as possible to arrange a meeting.

www.data.cam.ac.uk/consultancy

+ guidance
+ example
plans

Funder's name *

Deadline for the submission of the grant proposal *
 

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 *
 No file selected.

Events

06

SEP

Research Data Management for Historians

Tuesday, 6 September, 2016 - 10:30
Loughborough Univeristy

14

SEP

Research Data Management Workshop

Wednesday, 14 September, 2016 - 10:30

21

SEP

Copyright: A Survival Guide for Librarians

Wednesday, 21 September, 2016 - 14:30
Room 142, Raised Faculty Building, Sidgwick Site, Cambridge, CB3 9EF

29

SEP

Data Dialogue: When Research Crosses Borders

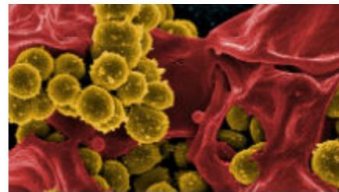
Thursday, 29 September, 2016 - 09:00
University of Oxford

Apollo - University of Cambridge Repository

This repository holds the research output of members of the University of Cambridge. It is delivered and managed by the University Library's [Office of Scholarly Communication](#) team.



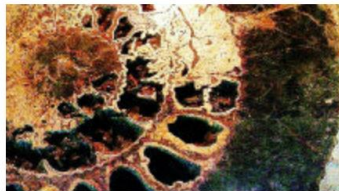
School of Arts and Humanities



School of Clinical Medicine



School of Technology



School of the Biological Sciences



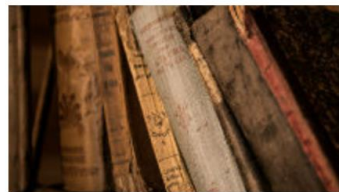
School of the Humanities and Social Sciences



School of the Physical Sciences



Colleges



Other Communities

Share your
research

Huge engagement programme:

- We have spoken with over 1,800 academics
- 75 individual information sessions about data sharing
- 37 different training events and workshops

Since January 2015

Various communication channels



January 2016 Research Data Management Newsletter

1. [Wellcome Trust and Cancer Research UK coming to Cambridge sharing](#)
2. [Workshop: Strategies for managing social media research data](#)
3. [Call for abstracts - are you using social media data in your research?](#)
4. [Call for access to the RCUK Research Data Facility](#)
5. [Summer School of Research Data Science - applications open](#)
6. [Advances in Data Modelling and Knowledge Representation - call for papers](#)
7. [Ethics of Big Data in Practice - Lent Term workshop series](#)
8. [Call for researchers working with data](#)




*Twitter: @CamOpenData
Over 900 followers*

Newsletter: over 1,700 subscribers

<http://www.data.cam.ac.uk/datanews>

Various communication channels

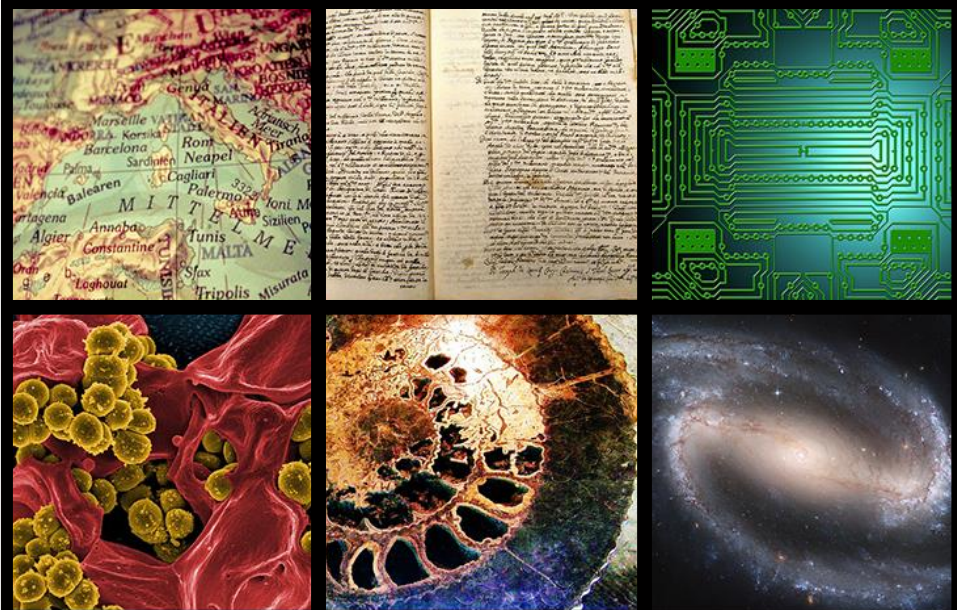


Share your data





✉ info@data.cam.ac.uk
🌐 www.data.cam.ac.uk
🐦 @CamOpenData

Research Data Services:

- ↳ Data repository
- ↳ Funding policy information
- ↳ Data management plan assistance



 OPEN DATA
www.data.cam.ac.uk



UNIVERSITY OF
CAMBRIDGE

www.lib.cam.ac.uk/librarians/oa/oa_promo.html

1. The University of Cambridge needs your feedback on research data services

Is the University providing you with enough support for research data management? Are there any gaps in the current provision? What can we do to better address your research data management needs?

440 responses

The University of Cambridge is part of a pilot project on developing UK-wide shared research data services. **We need your say** to develop services useful to our research community. Please fill in [this survey](#) (10 minutes of your time) to tell us about your research data management expectations.

Why wouldn't you be willing to share your data publicly?

- Top reason: contains personal/sensitive data
- We're now scoping for providing managed access to data

Full data available: <http://bit.ly/2cUmlff>

The benefits of good data management and sharing



Sharing your data is 'A Good Thing'



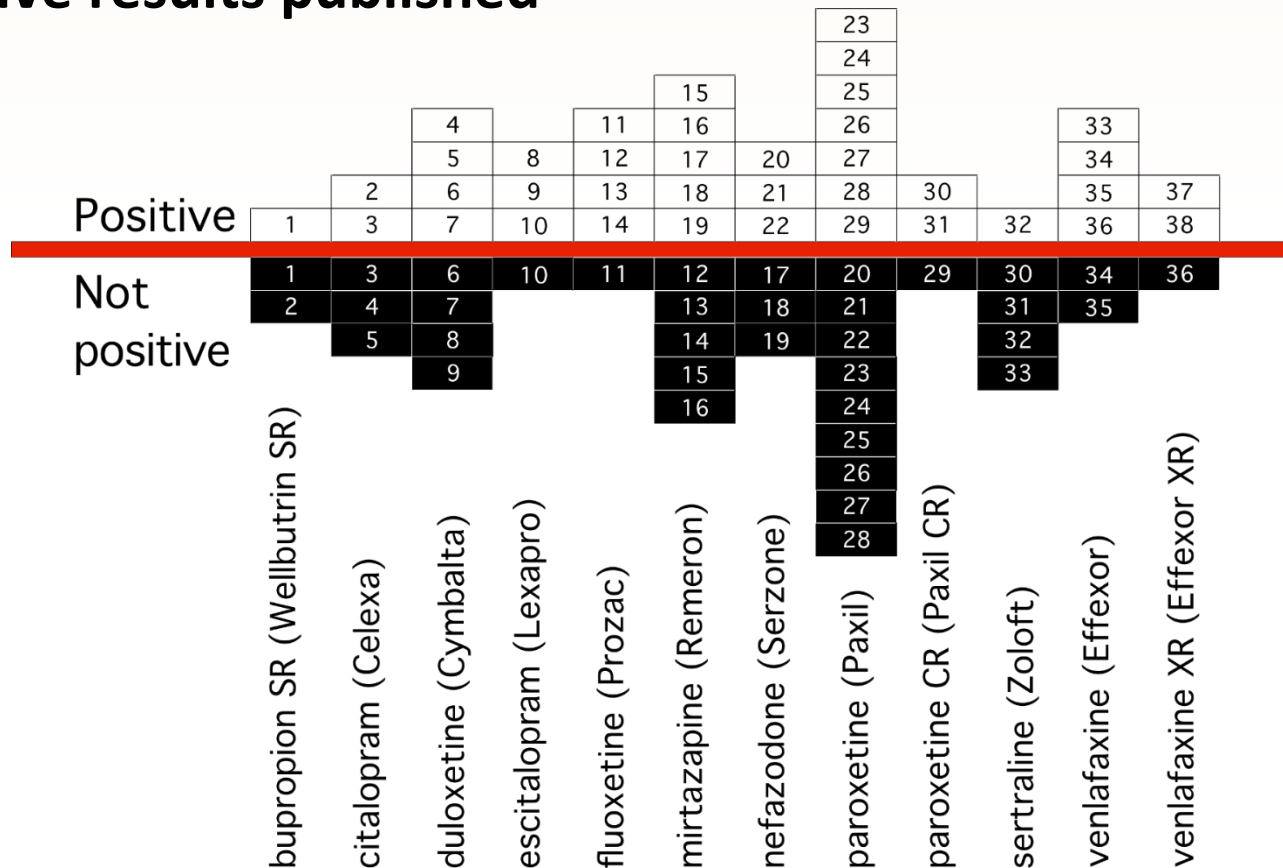
Some other very important reasons to share

Intrinsic motivations are more effective

Research relies on the principle that we share
our findings

*Ideas and results need to be shared to move
human knowledge forward*

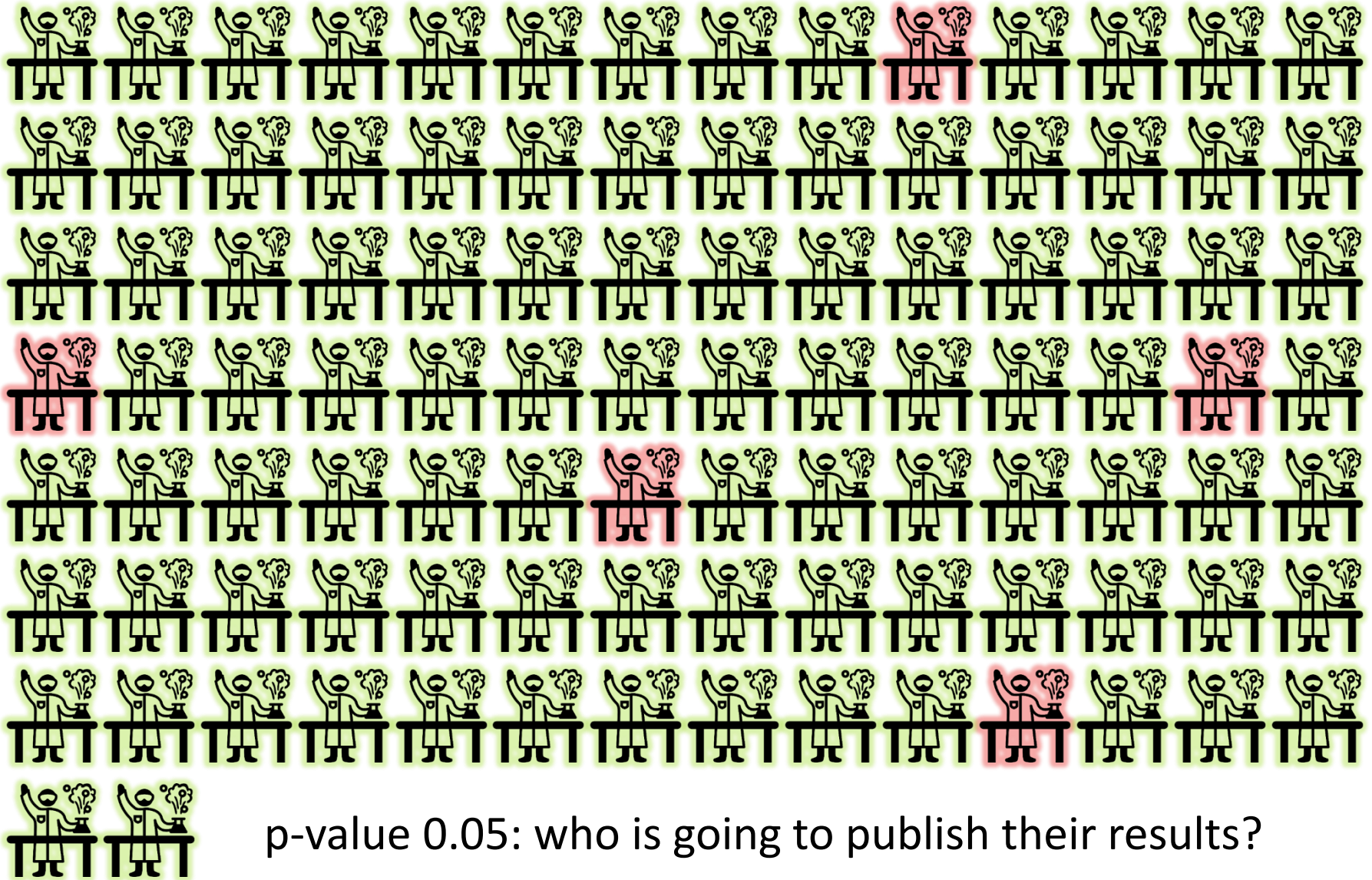
FDA record of clinical trials with 12 antidepressants: Only positive results published



From Dr Eric Turner:

[https://figshare.com/articles/Peer review After Results are Known Are we PARKing the Cart Before the Horse /3381379](https://figshare.com/articles/Peer_review_After_Results_are_Known_Are_we_PARKing_the_Cart_Before_the_Horse_/3381379)

Non-positive results need be shared not to waste time and resources



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



Microfluidic Droplet-Facilitated Hierarchical Assembly for Dual Cargo Loading and Synergistic Delivery

Ziyi Yu[†], Yu Zheng[§], Richard M. Parker[†], Yang Lan[§], Yuchao Wu[§], Roger J. Coulston[§], Jing Zhang[†], Oren A. Scherman^{*§}, and Chris Abell^{*†}

Corresponding authors:

*E-mail: ca26@cam.ac.uk, *E-mail: oas23@cam.ac.uk.

Or





Additional data related to this publication is available at the University of Cambridge data repository (<https://www.repository.cam.ac.uk/handle/1810/248506>).

<http://dx.doi.org/10.1021/acsami.6b00661>

Data for article "Microfluidic Droplet-Facilitated Hierarchical Assembly for Dual Cargo Loading and Synergistic Delivery"



View / Open Files

-  [determination-critical-micelle-concentration-cmc-p1-micelles.zip](#)
(application/zip, 227Kb)
-  [size-distribution-microdroplets.zip](#)
(application/zip, 32Kb)
-  [tem-p1-micelles.zip](#) (application/zip, 11Mb)
-  [description-data.docx](#) (Microsoft Word, 18Kb)

Authors

Yu, Ziyi
Zheng, Yu

Citation

Yu, Z., Zheng, Y., Parker, R. M., Lan, Y., Wu, Y., Coulston, R. J., Zhang, J., et al. (2015). *Data for article "Microfluidic Droplet-Facilitated Hierarchical Assembly for Dual Cargo Loading and Synergistic Delivery"* [dataset]. <http://www.repository.cam.ac.uk/handle/1810/248506>

Description

Original or unprocessed data is provided in support of the article "Microfluidic Droplet-Facilitated Hierarchical Assembly for Dual Cargo Loading and Synergistic Delivery". The data is structured into three folders named: (1) Determination of Critical Micelle Concentration (CMC) of P1 micelles; (2) TEM of P1 micelles; and (3) Size distribution of microdroplets.

File formats and software

.pdf; .jpg; .xls; .png; .zip

Relationships

Publication Reference:

<http://dx.doi.org/10.1021/acsami.6b00661>

Sponsorship

<https://www.repository.cam.ac.uk/handle/1810/248506>

Two questions asked when discussing data sharing with researchers:

1. It would be useful if research data underpinning publications was available
2. I (/my group) regularly share research data underpinning publications



Let your community work with you

OSC

Empowering researchers



Could Open Research benefit Cambridge University researchers?

🕒 August 3, 2016 📁 Uncategorized 🔖 open access, Open Research, pre-prints, reproducibility, research data management

This blog is part of the recent [series about Open Research](#) and reports on a discussion with Cambridge researchers held on 8 June 2016 in the Department of Engineering. Extended notes from the meeting and slides [are available at the Cambridge University Research Repository](#). This report is written by Lauren Cadwallader, Joanna Jasiewicz and Marta Teperek (listed alphabetically by surname).

At the Office of Scholarly Communication we have been thinking for a while about **Open Research ideas** and about moving beyond mere compliance with funders' policies on Open Access and research data sharing. We thought that the time has come to ask our researchers what they thought about opening up the research process and sharing more: not only publications and research data, but also protocols, methods, source code, theses and all the other elements of research. Would they consider this beneficial?

Working together with researchers – democratic approach to problem-solving

<https://unlockingresearch.blog.lib.cam.ac.uk/?p=817>

Become a member of the Research Data Management Project Group

Who can apply to be a member of the Group?

- Any member of the University of Cambridge with interest in research data management and sharing who is willing to work together towards improving RDM practices at the University



Action plan development: Working Group Report

Working Group name:

Members of the Group:

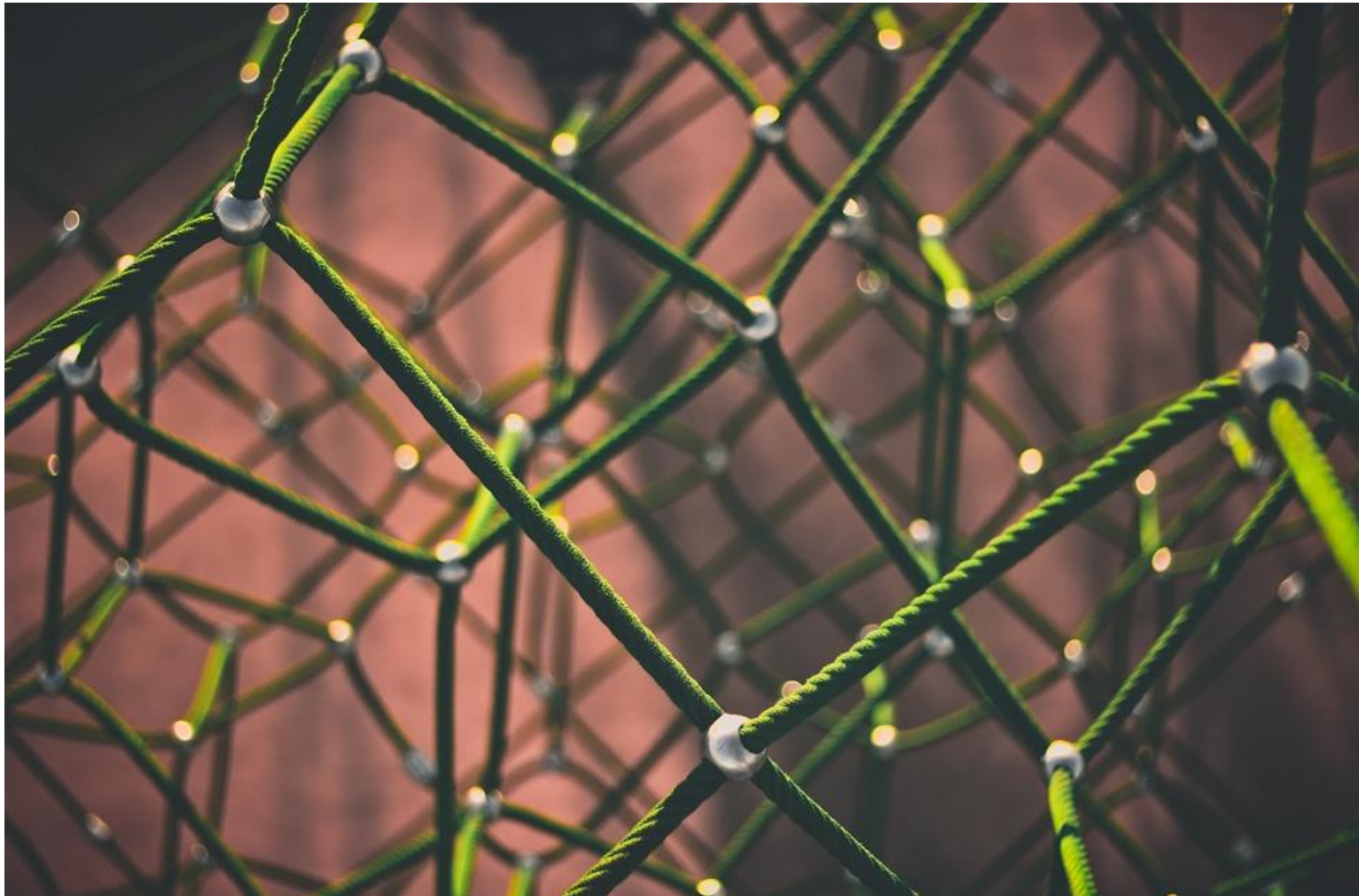
Leader of the Group:

Description of issue(s)	
Quick win(s)	
Possible quick win(s)	
The quick win(s) will achieve...	
In order to deliver this quick win(s) we will require...	
Long term solution	
What is the long term solution?	

Let your community work with you

OSC

Working collaboratively across the University



'Get together' working group

Aims:

- Coordinate efforts
- Improve communication
- Focus on researchers



'Get together' working group

- Library
- IT people
- Research information system
- Contracts and grants office
- University assessment
- Research strategy office
- Ethics officer
- Legal team

Hot desking – get to know each other

- Grants office
- Research information office
- Cambridge University Press
- Coffee drop-in at departments
- IT people - TBC





These problems are not limited to Cambridge

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Digital resources Network & technology Advice R&D Search Jisc

Home > R&D > Projects > Research data shared service

R & D project

Research data shared service

Advancing research data management through collaboration



2 years and 3 months
Ends 30 Apr 2018

Budget:
Over £1m

Expected outcome:
New service

Tags: COLLABORATION OPEN ACCESS

RESEARCH AND RESEARCH DATA

<https://www.jisc.ac.uk/rd/projects/research-data-shared-service>

Research Data Network

Welcome to the Research Data Network. This is a site to exchange information on research data management and related topics within the UK research information management sector. We hope that the site can build a body of useful resources, help people share up to minute developments, practices and develop new ideas. Let's jump right in!

Get Started

Announcements

<https://research-data-network.readme.io/>

And our blog post: <https://unlockingresearch.blog.lib.cam.ac.uk/?p=891>



RDA 8th Plenary Meeting: 15th - 17th September 2016, Denver, CO | [RDA 8th Plenary Programme Online](#)

New! Technical Advisory Board 2016 Elections - CAST Your VOTES now!

News

RDA & CODATA Legal Interoperability Of Research Data: Principles And Implementation Guidelines - Now Published

12 September 2016

RDA & CODATA join forces to guide research stakeholders in the land of intellectual property... [Read more](#)

Call For Participation: RDA 8th Plenary BoF

RDA Events

Human vs. Machine-Enhanced Scientific Discovery

21 Sep 2016 - 18:00

Join Mark Musen (Stanford), Janice Kranz and Stephan Schürer (University of Miami) for CDD's Q3 ... [Read more](#)

RDA Workshop @Jisc, 2 November 2016, Birmingham, UK

02 Nov 2016 - 09:00

Request for comments

[RDA Agrisemantics WG Cas](#)
By Lynn Yarmey on 01 Septen

[RDA/WDS Publishing Data : Recommendations](#)
By Hylke Koers

[Data Citation WG Recomm](#)
By Andreas Rauber

Did it work?

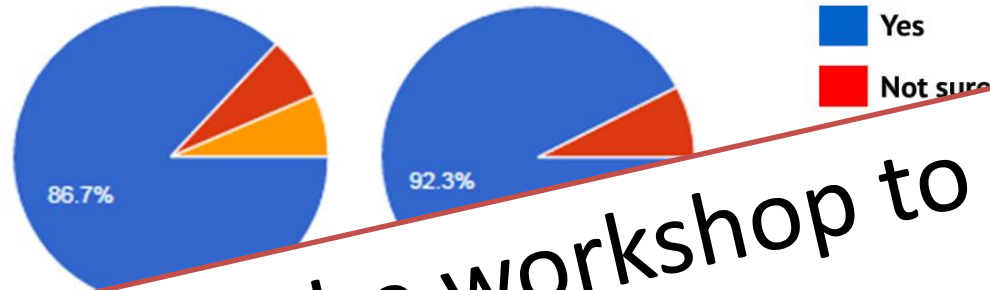
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Researchers' feedback on our services



- Researchers used to panic and share their data at the last minute (compliance requirements)
- More and more frequently:
 - Data shared before publication – access for peer-reviewers
 - Placeholder requests for data in preparation
 - Richer metadata (new fields needed!)
- Data sharing seems to be more and more embedded in the publication process

Do you think this Research Data Management workshop is essential for first year PhD students?



Requests for the workshop to be compulsory

An

“I thought this was **the best workshop I've attended so far**. Very professional delivery, good balance of participant interaction.”

“**Course should be mandatory** and done at the beginning of the year. It was excellent - thank you. **I wish I did it at the beginning.**”

Informed discussions about barriers to sharing

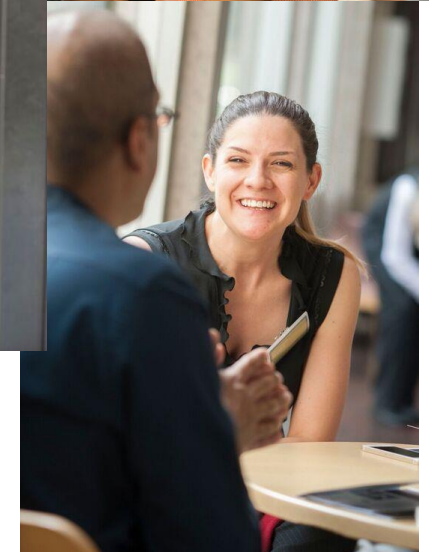
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The Data Dialogue. Time to Share: Navigating Boundaries & Benefits

July 28 @ 9:30 am - 4:30 pm

- 20 case study abstracts from researchers
- 80 attendees: researchers and data managers



<https://unlockingresearch.blog.lib.cam.ac.uk/?p=868>



Would you like to become a Data Champion?

We are looking for people who would like to volunteer to become Data Champions within their departments, institutes and colleges to provide local expertise about Research Data Management (RDM) issues.

Who can become an Data Champion?

Anyone interested in research data management and sharing who would like to become the local expert on RDM. We welcome researchers, students, librarians, IT managers, data

<http://www.data.cam.ac.uk/datanews/call-data-champions>

Was it worth it?

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Time to reflect...



Advantages

- Trust in the community
- Best solutions
- Community support and engagement
(no more stones!)
- Community takes the ownership
- Very rewarding

Disadvantages

- Time-consuming
- Difficult
- Needs careful planning

Thank you

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@CamOpenData

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

Questions?

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www.slido.com

Code: **#5393**

