



The  
University  
Of  
Sheffield.

The  
University  
Library.



# Open Research Conversations

Rosie Higman, Research Data Manager

[r.higman@sheffield.ac.uk](mailto:r.higman@sheffield.ac.uk)



## Attempt to replicate major social scientific findings of past decade fails

**Scientists and the design of experiments under scrutiny after a major project fails to reproduce results of high profile studies**



## Top universities' journal subscriptions 'average £4 million'

Average spending has increased by 19 per cent in four years, Freedom of Information requests reveal

June 12, 2018

[Rachael Pells](#)

Twitter: [@rachaelpells](#)

Subscriptions to academic journals are costing leading UK universities almost £4 million a year on average, new figures reveal.

Data obtained from 18 Russell Group Institutions under Freedom of Information requests show that the majority of this outlay is typically spent with the five major academic publishing houses: Reed-Elsevier, Springer, Wiley-Blackwell, Taylor & Francis and Sage.



Source: iStock



## Part I: The Plan S Principles

"With effect from 2021\*, all scholarly publications on the results from research funded by public or private grants provided by national, regional and international research councils and funding bodies must be published in an open access journal or repository."

### We will:

- Create an open research culture that values a range of contributions and delivers the highest standards and best practice in research integrity and ethics. We will adhere to the FAIR principles to the benefit of society (findable, accessible, interoperable, reusable).



At Springer Nature we are working with authors and journals to publish research that is computationally reproducible results. Authors with a published eLife paper can now enrich their work with embedded code blocks and computed outputs to make their results more transparent, interactive and reproducible.



Open Library of Humanities

WHITE ROSE  
UNIVERSITY PRESS

Universities of Leeds, Sheffield & York



Open Research is the practice of making the processes and outputs of research transparent and freely accessible, whenever possible.



# How can the Library help?

Exploratory approach

Encourage debate

Facilitate researchers' discussions & sharing best practice

Using expertise as service providers

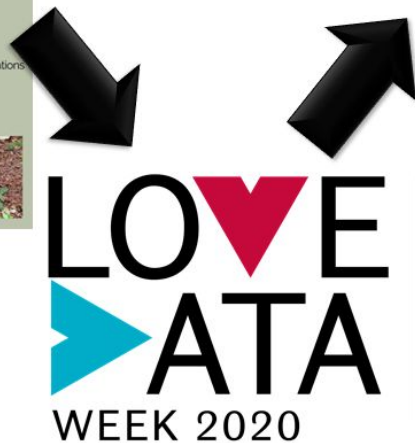


## LANCASTER DATA CONVERSATIONS

**AGENDA**

- First three Presentations
- 1. Leif Isaksen, Does Linked Data have to be Open?
- 2. Jude Towers, Is Violent Crime Increasing or Decreasing?
- 3. Alison Scott-Baumann, Protecting participants and their data on a sensitive topic
- Second round of short talks
- 4. David Ellis, Building interactive data visualizations to support publications
- 5. Chris Jewell, Efficient sharing of numerical output
- 6. Chris Donaldson & James Butler, Mining and mapping places with multiple names

**30 JANUARY 2017**



### Open Research Conversations

Open Research, the idea that both the research process and outputs should be made publicly available as soon as possible, is prompting lots of changes in how research is conducted and communicated.

This brings many opportunities as well as some challenges and so the Library is facilitating a series of conversations focusing on different aspects of open research.

These will include talks from researchers who have made their research open and other experts sharing their experiences, promoting best practices and discussing the challenges they are facing.

### Open Research with the Wellcome Trust

20 October 2020 12noon - 1:00pm

The Wellcome Trust is launching a [new Open Access policy](#) beginning on 1st January 2021 with new requirements for researchers and institutions. Join us for a discussion of the new policy and the Wellcome Trust's ongoing promotion of Open Research more generally. We will have brief talks followed by a panel discussion including:

- Haydn Hope, Open Research Coordinator, The Wellcome Trust
- Anna Clements, Interim Director Library Services and University Librarian
- Robert Smith, Wellcome-funded ECR in School of Health and Related Research

[Register here ->](#)

### Unpacking Open Monographs

10 December 2020 12noon - 1:00pm

Whilst Open Access to research articles is now well-established, the move to make monographs publicly available is taking longer. Monographs come with different challenges relating to image rights and the costs of publishing longform research, but an increasing number of monographs are being made openly available. Open monographs are included in the [Plan S](#) [ecosystems](#), backed by many funders, and are a major part of the current [UKRI Open Access review](#).

This conversation will include talks from both researcher and publisher perspectives and plenty of time for discussion and questions. Speakers will include:

- John Moreland, Department of Archaeology

### Visualising CoVid-19 Data

18 November 2020 12noon - 1:00pm

Amid conversations about 'flattening the curve' and the attention given to the coronavirus dashboard from John Hopkins University, data visualisations have been prominent during the current pandemic. We will be considering the practicalities of visualising Covid-related data and the implications of the visualisations on policy and the wider public with talks and discussion from:

- James Wilsdon, Digital Science Professor of Research Policy, Information School
- Colin Angus, Research Assistant, School of Health and Related Research

[Register here ->](#)

### Reproducibility in practice

18 January 2021 12noon - 1:00pm

Reproducibility, recreating the results others have found in their research, presents many challenges for researchers, with [several studies](#) suggesting that much published cannot be reproduced.

The University of Sheffield has an active [reproducibility network](#), is a member of the [UK Reproducibility Network](#) and has created a new post of [Research Practice Lead](#).

This event will include presentations and discussions on reproducibility and the practical lessons learnt from running [ReproStacks](#). Speakers will include:

- Tom Stafford, Department of Psychology and the University's Research Practice Lead





# Open Research Conversations

1 hour sessions

2-3 speakers

Time for discussions

Materials shared on ORDA: <http://bit.ly/OpenResConv>



# Links to broader Library support



<https://www.sheffield.ac.uk/library/research>





# Upcoming Conversations:

- Open and Affordable Access and Publishing - 9 March 12 - 1
- Electronic Lab Notebooks - 22 April 12 - 1
- Sharing qualitative data ethically - 18 May 12 - 1

Find out more and register at <https://www.sheffield.ac.uk/library/research>



# Links:

<https://www.theguardian.com/science/2018/aug/27/attempt-to-replicate-major-social-scientific-findings-of-past-decade-fails>

<https://www.timeshighereducation.com/news/top-universities-journal-subscriptions-average-4-million-pounds>

<https://www.springernature.com/gp/authors/research-data-policy>

<https://www.coalition-s.org/addendum-to-the-coalition-s-guidance-on-the-implementation-of-plan-s/principles-and-implementation/>

<https://elifesciences.org/for-the-press/eb096af1/elife-launches-executable-research-articles-for-publishing-computationally-reproducible-results>