Challenges and Triumphs in an Office of Scholarly Communication

Internet Librarians International
http://www.internet-librarian.com/2017
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Today

• What the funder policy landscape is like in the UK
• How the Office of Scholarly Communication has done to address this challenge
• The issue of staffing a new activity
• Slides are available:
  • https://www.repository.cam.ac.uk/handle/1810/267857
  • https://tinyurl.com/ycy9zumj
Strategic goals of the OSC

• Our value statement:
  – The Office of Scholarly Communication works in a transparent and rigorous manner to provide recognised leadership and innovation in the open conduct and dissemination of research at Cambridge University through collaborative engagement with the research community and relevant stakeholders.

http://osc.cam.ac.uk/about-scholarly-communication/strategic-goals-office-scholarly-communication
UK requirements for openness

• Higher Education Funding Council for England (HEFCE)
  – green deposit on acceptance for any work that will be claimed for the 2021 Research Excellence Framework

• Research Councils UK (RCUK)
  – Publications from funded research need to be made open access through OA publishing, or through making a version available green (if the embargoes are short enough)
  – Data underpinning research articles must be available and linked from the paper

• Wellcome Trust
  – Publications from funded research need to be made open access through OA publishing
  – All underpinning data is to be made available including reagents, software etc
The MEANS and the TIMING all conflict

RCUK – Green & Gold | HEFCE – Green only | COAF – Gold only
Managing policies - HEFCE

Open Access policy, procedure & process at Cambridge
https://unlockingresearch.blog.lib.cam.ac.uk/?p=1613
Open Access policy, procedure & process at Cambridge
https://unlockingresearch.blog.lib.cam.ac.uk/?p=1613
Charities’ OA Fund

Open Access policy, procedure & process at Cambridge
https://unlockingresearch.blog.lib.cam.ac.uk/?p=1613
Hmmm

Open Access policy, procedure & process at Cambridge
https://unlockingresearch.blog.lib.cam.ac.uk/?p=1613
Funder policies are very effective!

Graph accurate as of August 2017
Integrating our solutions

Repository Tools 1
Automatic deposit of data (<2 GB/file) and articles in Apollo via Elements

Automatic DOI minting
Submitters receive immediate email confirmation of their dataset DOI

Enhanced reporting
Open Access Monitor: compliance data available from a single source

Java Zendesk API
Tickets are created in the workflow step

Enhanced visibility of outputs
Automatic updates from publishers

ORCID integration
Automating workflows
We mint DOIs on all articles, theses and datasets deposited to the repository

https://www.repository.cam.ac.uk/
Repository users worldwide
• Started in June 2016 - 3240 requests in that time
• Most requests for articles 1878 (58%) and theses 1276 (39%)
• The top requested theses are heavily engineering focused, with a nod to history and social research.
• The top 10 requested articles have a distinctly health and behavioural focus, with the exception of one legal paper

Who is requesting what through Cambridge’s Request a Copy service?
https://unlockingresearch.blog.lib.cam.ac.uk/?p=1602
Research Data Management

Research Data Sharing at Cambridge

- 26,000 downloads of the data held in the repository in the past year
- 10X: A tenfold increase in no. of datasets in Apollo since 2015 Research Data Service launch
- "170": Datasets have been cited 170 times on news stories, blogs and Twitter
- 521 Digital Object Identifiers (DOIs) have been allocated to datasets making them citable
- 60%: 60% of visits to www.data.cam.ac.uk are from outside of the UK
- 118 data events held by the Research Data team (in 2.5 years)
Research Data Champions

- Engaged researchers who are working with us to improve data management across the uni

http://www.data.cam.ac.uk/intro-data-champions
We are going Open!

At the end of 2016 the Office of Scholarly Communication joined forces with the Open Research Team at the Wellcome Trust to launch a pilot scheme looking at the benefits and barriers to conducting open research. The pilot project looks at:

http://osc.cam.ac.uk/open-research/open-research-pilot-project
Outreach – we do a lot
Websites

http://osc.cam.ac.uk/

http://www.data.cam.ac.uk/
Twitter

@CamOpenAccess

@CamOpenData
Blogs

In 2016 – 42 blogs
In 2017 – 34 blogs
About 3,000 readers per month

https://unlockingresearch.blog.lib.cam.ac.uk/?page_id=2
Newsletters

http://osc.cam.ac.uk/open-access/osc-newsletters

http://www.data.cam.ac.uk/datanews
Events

• Many events
  – Helping Researchers Publish
  – Open Access Week events
  – Text and Data Mining Symposium
  – 1000th dataset party
• We livestream and make recordings available as much as possible
Branding

Celebrating 1000 datasets made available in the Cambridge repository, Apollo!

www.repository.cam.ac.uk
Summary of our activities

• Blog - 2016 – That was the year that was
  – [https://unlockingresearch.blog.lib.cam.ac.uk/?p=1172](https://unlockingresearch.blog.lib.cam.ac.uk/?p=1172)

• Video - 2016: That Was The Year That Was (Part I) (32mins)
  – [https://www.youtube.com/watch?v=99vFajrtdA0&index=22&list=PLG24w6ETyHS3fYbDnB6LOOzOfATVhP3zp&t=970s](https://www.youtube.com/watch?v=99vFajrtdA0&index=22&list=PLG24w6ETyHS3fYbDnB6LOOzOfATVhP3zp&t=970s)

• Video - 2016: That Was The Year That Was (Part I) (22mins)
  – [https://www.youtube.com/watch?v=tw4YCv9OUiE&index=23&list=PLG24w6ETyHS3fYbDnB6LOOzOfATVhP3zp](https://www.youtube.com/watch?v=tw4YCv9OUiE&index=23&list=PLG24w6ETyHS3fYbDnB6LOOzOfATVhP3zp)

• Blog - 2015 – That was the year that was
  – [https://unlockingresearch.blog.lib.cam.ac.uk/?p=451](https://unlockingresearch.blog.lib.cam.ac.uk/?p=451)
Challenges - staffing
Reskilling for Research – RLUK report 2012

• High skills gap in nine key areas
  – Ability to advise on preserving research outputs
  – Knowledge to advise on data management and curation, including ingest, discovery, access, dissemination, preservation, and portability
  – Knowledge to support researchers in complying with the various mandates of funders, including open access requirements
  – Knowledge to advise on potential data manipulation tools used in the discipline/subject
  – Knowledge to advise on data mining
  – Knowledge to advocate, and advise on, the use of metadata
  – Ability to advise on the preservation of project records e.g. correspondence
  – Knowledge of sources of research funding to assist researchers to identify potential funders
  – Skills to develop metadata schema, and advise on discipline/subject standards and practices, for individual research projects

• These are ALL scholarly communication

Competencies

- NASIG: "Librarians' Competencies Profile for Research Data Management” (June 2016)
  - Providing access to data
  - Support and advocacy for managing data
  - Managing data collections
  - Institutional Repository Management
  - Publishing Services
  - Copyright Services
  - Data Management Services
  - Assessment and Impact Metrics
    - [http://www.nasig.org/site_page.cfm?pk_association_webpage_menu=310&pk_association_webpage=9435](http://www.nasig.org/site_page.cfm?pk_association_webpage_menu=310&pk_association_webpage=9435)
- COAR: “Librarians’ Competencies for E-Research and Scholarly Communication” (June 2016)
Personal attributes of a “schol comm”er

- Collaboration
- Communication skills (oral and written)
- Enthusiasm/ambition
- Generalist
- Comfort with change and ambiguity
- Personable
Scholarly communication in UK

• Survey on the UKCORR list in March 2017 asked who were offering scholarly communication services
  – 45 institutions responded they were (many others do too)
  – Of those, 21 have called their service ‘scholarly communication’ 24 have not
  – A comment was that ‘scholarly communication’ means advocating for change

• Support for scholarly communication and related services, UK March 2017 [https://tinyurl.com/y8yd3hy4](https://tinyurl.com/y8yd3hy4)
Small research project

- Survey sent out by the OSC September 2016
  - 540 responses
  - 177 said that RDM was part of their job

- Are academic librarians getting the training they need?
  - [https://unlockingresearch.blog.lib.cam.ac.uk/?p=995](https://unlockingresearch.blog.lib.cam.ac.uk/?p=995)
  - Our hypothesis is simple: *there is a systematic lack of education on scholarly communication issues available to those entering the library profession. This is creating a time bomb skills gap in the academic library profession* and unless action is taken we may well end up with a workforce not suited to work in the 21st century research library.

- Changing roles and changing needs for academic librarians
  - [https://unlockingresearch.blog.lib.cam.ac.uk/?p=1189](https://unlockingresearch.blog.lib.cam.ac.uk/?p=1189)
  - Literature review of research on the issue of training for librarians.
  - Many people working in scholarly communication come from outside the Library sector.
Job titles of people working in RDM
How long job been established?
## Who is training the trainers?

<table>
<thead>
<tr>
<th>Classification</th>
<th>Number</th>
<th>Response rate</th>
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<tbody>
<tr>
<td>Working with RDM</td>
<td>177/540 respondents</td>
<td>33%</td>
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<td>Of the people who said they had or were working towards a qualification - feel that their LIS qualification equipped them with knowledge to perform role</td>
<td>46/120 respondents</td>
<td>38%</td>
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</table>
It is particularly bad in the UK

Lowest level of satisfaction
We are having to hire outside people

• This is a new focus for academic libraries
• Library Schools do not prepare students for work in scholarly communication
• The skills and type of person needed for scholarly communication are different to traditional librarianship
• Many people working in scholarly communication are NOT librarians
Staffing structure < 1/3 are librarians

OSC team line management
22 Aug 2017

PRE_TeamStructure_V30_20170822
Questions/Discussion

Thanks!

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Office of Scholarly Communication
Cambridge University Library