

CRIS 2014

Emerging good practice in managing research data and research information within UK Universities

Joy Davidson (a), Sarah Jones (a), Laura Molloy (a), Ulla Bøgvad Kejser (b)

(a) *Humanities Advanced Tehcnology and Information Institute (HATII), Glasgow G12 8QJ, UK*

(b) *Royal Library of Denmark, Copenhagen DK-1016, Denmark*

Abstract

Sound data intensive science depends upon effective research data and information management. Efficient and interoperable research information systems will be crucial for enabling and exploiting data intensive research however it is equally important that a research ecosystem is cultivated within research-intensive institutions that foster sustainable communication, cooperation and support of a diverse range of research-related staff. Researchers, librarians, administrators, ethics advisors, and IT professionals all have a vital contribution to make in ensuring that research data and related information is available, visible, understandable and usable over the mid to long term. This paper will provide a summary of several ongoing initiatives that the Jisc-funded Digital Curation Centre (DCC) are currently involved with in the UK and internationally to help staff within higher education institutions prepare to meet funding body mandates relating to research data management and sharing and to engage fully in the digital agenda.

© 2014 Published by Elsevier B.V Open access under [CC BY-NC-ND license](#).
Peer-review under responsibility of euroCRIS

Keywords: research data management; Jisc; Digital Curation Centre; Collaboration on Clarifying the Costs of Curation; Faciliate Open Sceince Training for European Research;

1. UK context

The notion of access to research data as a public good has been around for some time¹ and continues to pick up momentum² in the UK and globally. Over the past decade, individual research councils and funding bodies in the UK have issued specific policies relating to research data management (RDM) and sharing. Most RCUK funding bodies place the responsibility for RDM and data sharing with the individual researcher however the Engineering and Physical Sciences Research Council (EPSRC) instead specifies requirements³ aimed at the institution as a whole. EPSRC has stated that any UK university seeking future funding should be able to comply with their nine key requirements by May 1st, 2015. As a major source of research funding in the UK, the EPSRC requirements have prompted many UK universities to review their current research data management practices and research environments to identify what additional systems and support will be needed to ensure that compliance can be realised. RCUK are keen to align the individual research data policies and in 2011 they released their Common Principles on Data Policy⁴. This paper introduces some of the work being undertaken by the Jisc-funded Digital Curation Centre (DCC) to assist UK HEIs in improving their capacity for research data management and sharing.

2. Understanding funding bodies' policies

As various research data management and sharing policies emerged from individual funding bodies in the UK and internationally, the DCC undertook a period of desk-based research to compare the various policies and to produce a report summarising the current state of the art. It soon became clear that the amount of time and effort needed to trawl through these individual policy documents was substantial and represented a major barrier for any single UK institution wanting to get to grips with what was required by each of the main funders. To help make the individual requirements of each funder easier to understand and ultimately easier to comply with, the DCC produced a single table summarising the key requirements of nine UK funders⁵.

● Full Coverage ◐ Partial Coverage ○ No Coverage

Research Funders	Policy Coverage			Policy Stipulations				Support Provided			
	Published outputs	Data	Time limits	Data plan	Access/sharing	Long-term curation	Monitoring	Guidance	Repository	Data centre	Costs
AHRC	●	●	●	●	●	◐	○	●	○	◐	◐
BBSRC	●	●	●	●	●	●	●	●	●	◐	●
CRUK	●	●	●	●	●	●	●	◐	●	○	○
EPSRC	●	●	●	◐	●	●	●	◐	○	○	●
ESRC	●	●	●	●	●	●	●	●	●	●	◐
MRC	●	●	●	●	●	●	○	◐	●	○	◐
NERC	●	●	●	●	●	●	●	●	●	●	◐
STFC	●	●	●	●	●	●	●	◐	●	◐	◐
Wellcome Trust	●	●	●	●	●	●	●	●	●	◐	●

Figure 1 - DCC Overview of funders' data policies

The table has proven to be a valuable resource for research support staff and researchers alike as they prepare new bids for funding. This table is updated regularly and represents a real efficiency for research administrators working

¹ OECD Principles and Guidelines for Access to Research Data from Public Funding <http://www.oecd.org/science/sci-tech/38500813.pdf>

² Panton Principles <http://pantonprinciples.org/>

³ EPSRC Policy Framework on Research Data expectations <http://www.epsrc.ac.uk/about/standards/researchdata/Pages/expectations.aspx>

⁴ <http://www.rcuk.ac.uk/research/datapolicy/>

⁵ DCC overview of Funders' Data Policies Table <http://www.dcc.ac.uk/resources/policy-and-legal/overview-funders-data-policies>

Download English Version:

<https://daneshyari.com/en/article/488904>

Download Persian Version:

<https://daneshyari.com/article/488904>

[Daneshyari.com](https://daneshyari.com)