

Examples and Models II

Developing Culturally Competent Data Publication Resources - *Ryan Stoker and Jen McLean*

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- USyd began encouraging researchers to publish data in 2017, using a design thinking approach
- Identified a gap - step-by-step guidance for researchers, developed a Library Guide - 6 steps to data publication
- Decided to revisit this in light of cultural competency - using frameworks from the National Centre for Cultural Competence at USyd. Concept has emerged out of service delivery in health but is now being applied more broadly.
- Revision of self-help guide following an assessment by the Library of its own perspectives and biases
 - Addition of indigenous cultural & intellectual property rights, including links to AIATSIS ethics guidelines - <https://aiatsis.gov.au/research/ethical-research>
 - Inclusion of First Nations community considerations to sections on sensitive data
- Feedback on changes brought other issues to light:
 - community benefit vs researcher benefit
 - data sharing with other researchers vs data sharing with communities
 - repatriation & archiving happening but can be ad hoc
 - skills gaps for researchers managing these kinds of data
- Findings feeding into other projects including repository redevelopment, DAMS, and digital collections priorities - metadata issues including using relevant controlled vocabularies (traditional knowledge) and ensuring licensing / access information is captured appropriately

Q: What steps are being taken to ensure communities are not overwhelmed by these kinds of requests?

A: Early days but working with USyd museum and archives to ensure a consistent approach and build on repatriation work that museum has been doing.

Q: Schema for access to indigenous info? A: Not at this stage. Very high level guidance for researchers rather than structured information.

Q: Use of AIATSIS vocabularies? A: At an analysis stage. Pointing to multiple sources from Australia, NZ and Canada.

Q: Further info on applicability of traditional knowledge vocabularies? A: Currently being tested internationally but would need to be localised for Australian tagging. Q: Would a national approach to localising this be good? A: Yes.

Improving the Usability of Organizational Data Systems - *Chung-Yi Hou*

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Presenter could not make the conference.

Assessing metadata and curation quality: a case study from the development of a third-party curation service at Springer Nature - Rebecca Grant

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- Springer Nature offering services in support of their authors - advice as well as practical curation support
- Internal curation assessment: to enhance service, assess value add and gain feedback from editors
- How to assess: against schema and repository guidelines, FAIR, GoFAIR and metadata assessment frameworks (e.g. Hillman 2004). For this case important to work with key stakeholders (editors).
- Compared 20 datasets self-deposited by researchers with 20 datasets worked on by Springer Nature
 - Self-deposited - some metadata, not all had descriptive metadata, most had depositor name and licence, some keywords
 - Curated - DC compliant, comprehensive descriptions, licence, citation info, DOI, keywords and categories
- Workshop with stakeholders - 2 self-deposited and 2 curated versions. Editors completed a form about metadata quality - is metadata clear, sufficient for citation, complete/useful and so on. Results show that curated datasets were assessed as much better overall.
- Findings
 - Edited datasets scored highly across all questions and scored higher than unedited for every question
 - Consistent approach to metadata creation ensured usefulness
 - Qualitative feedback provided basis for refinement of curation standards
- Survey questions are available for other curation standards.
- Follow up work could focus on usage of curated / non-curated datasets - would there be differences in benefit in longer term?

White paper: Practical Challenges for Researchers in Data Sharing

https://figshare.com/articles/Whitepaper_Practical_challenges_for_researchers_in_data_sharing/59750
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Q: Choices of vocabulary? A: Generalist rather than specialist repository.

Q: How would an institution track its outputs? A: FigShare supports the use of ORCID's and email addresses. Institution and funder acknowledgements are added where available.