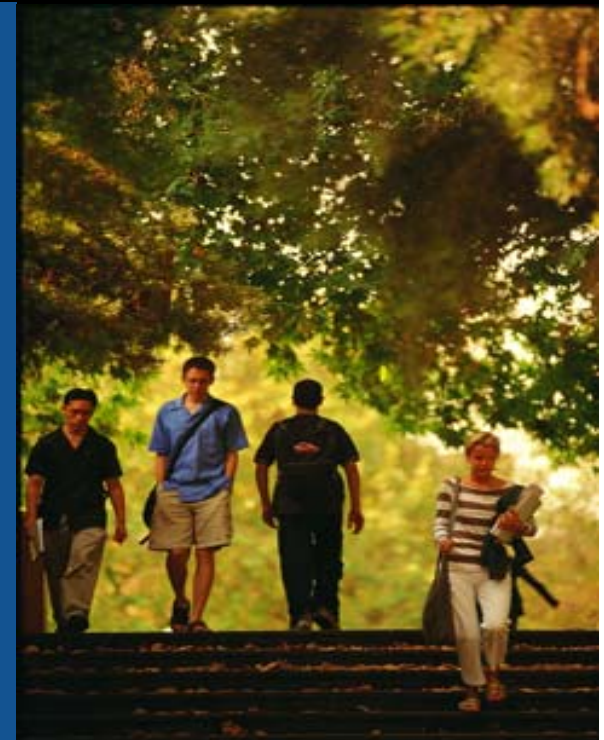
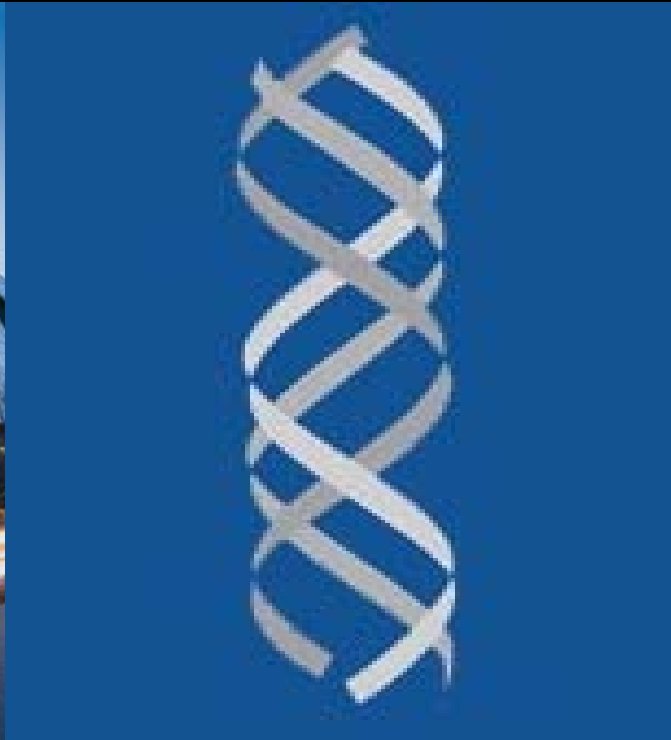




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Researcher/Librarian Nexus: The challenges of research data management in institutional repositories

The University of Melbourne >



Eve Young
Coordinator, Digital Repositories.

Impact of eResearch/eScience/cyberinfrastructure

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- “E-science is about global collaboration in key areas of big science and the next generation of infrastructure that will enable it.” Dr. John Taylor, Director-General of the UK Research Councils, 2003.
- Data – superabundance of quantity, formats, metadata, annotation, curation and preservation, sharing, use and re-use
- Importance of repositories in this space



eResearch response at the University of Melbourne

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- Information Services (IS) – Libraries, IT, Educational multimedia
- IS staff met with researchers to assist with ARC bids (2005)
- Needs of Researchers:
 - Technical infrastructure and services
 - Leadership and coordination
- IS staff discussed support for eResearch (2005)



eResearch response at the University of Melbourne

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- Researchers interviewed on data management and archiving as part of an APSR project (2006)
- Some of the recommendations include
 - Institution-wide strategy for eResearch
 - Review ICT infrastructure for research
 - Develop guidelines for research data management
 - Researcher education and training
 - Establish an Information Exchange strategy
 - Establish a registry of eResearch expertise
- Director eResearch
- University-wide eResearch Committee
- eScholarship Research Centre (2007)



Steps to address challenges in making research data available and accessible in a consistent manner

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- Strategic approaches to digital data
- Integrate Library with researchers' needs
- Raise awareness to create demand
- Engineering a new workforce
- Requirements for repository
- Metadata to research community



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and now.. The workshop

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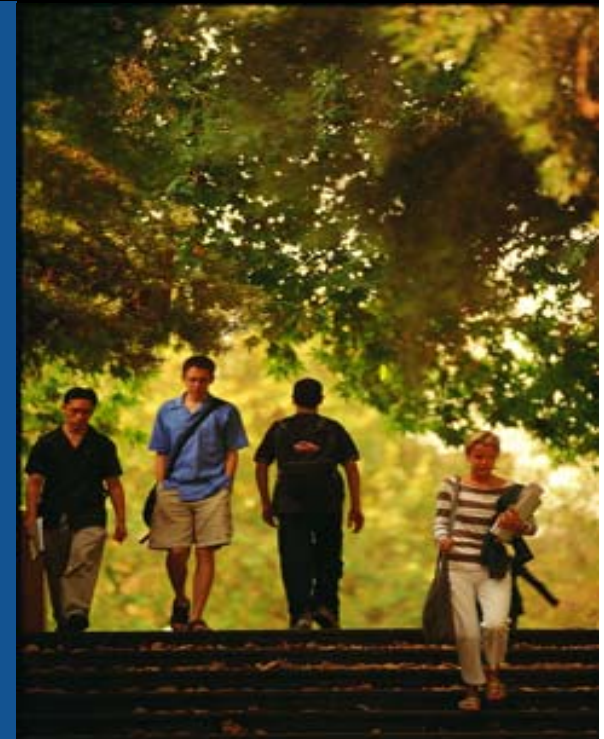
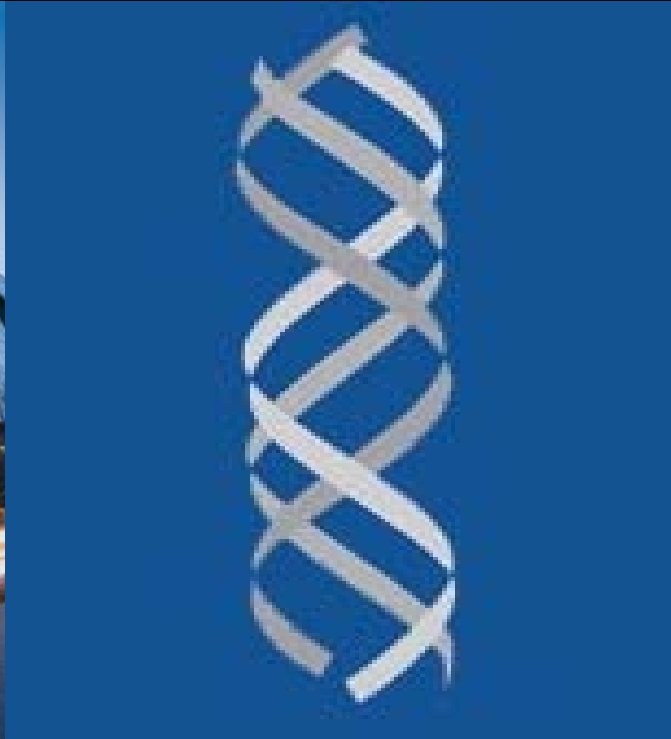
- **“This is an important moment in the relationship between researchers and research libraries.... The foundations of the relationship are beginning to be tested by shifts in the way that researchers work.**
- **The rise of e-research, interdisciplinary work, cross-institution collaborations, and the expectation of massive increases in the quantity of research output in digital form all pose new challenges.**
- **These challenges are about how libraries should serve the needs of researchers as users of information sources of many different kinds, but also about how to deal with the information outputs that researchers are creating”.**
- **Researchers use of academic libraries and their services. Research Information Network. <http://www.rin.ac.uk/researchers-use-libraries>**



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Anna Shadbolt
Information Services



Where to today?

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- What are the problems with data?
- Presentations of local solutions
- 3.00 – 3.20 Afternoon Tea
- More Presentations
- Panel Discussion – what to do next?
- 4.30 Workshop Finishes