

## **Wollongong Research Archive Project**

### **Funding Proposal 2005-6 *\*\*Pilot pricing update\*\****

#### **Proposal**

This proposal requests funding for:

1. The establishment of an institutional repository or research archive at the University of Wollongong. The research archive will make publicly available via the internet the majority of the research output of the university for the period 2002-2005. It will also support the 2006 Research Quality Framework (RQF) process.
2. The ongoing development of the repository within the University's research culture.

#### **Background**

The world-wide institutional repository movement is driven by the desire of higher education institutions and funding bodies to better promote research output and to improve their return on investment. By implementing an institutional repository, institutions attain a greater level of visibility, control, ownership and attribution of research output. International universities from MIT to Edinburgh and Australian universities including ANU and the University of Queensland have developed digital repositories as a core piece of research infrastructure for the benefit of their whole institution.

The repository complements the traditional scholarly process of publication in the most relevant and highly cited journals. It is an adjunct to, and not a replacement for, this process. By making a copy of the research available in an open access repository, the university can leverage the increasingly digital research environment and the broad reach of search engines such as Google.

#### **Benefits**

- Improvements in citation rates by up to 300-500% for articles made available in an institutional repository in addition to availability via the normal research publication process.
- Increased UOW citation rates that may be measured for and feed into the 2006+ RQF process.
- Improved research impact through greater visibility and access for individual academics and the university as a whole
- A greater proportion of the research community will have access to the results of UOW research, including industry partners and those outside of faculty and UOW enrolled students.

#### **Project Details**

The Wollongong Research Archive project would require the following during 2005-6:

1. Establishment of a project team and required staffing.
2. Preparation of the repository DigitalCommons@UOW –
  - a. Purchase of license and hosting services for a two-year period from Proquest International.
  - b. Preparation of data for upload to DigitalCommons.

It is recommended that the project utilise the off-site hosted solution, DigitalCommons@, primarily to ensure the rapid deployment of a supported repository technology and make available the means for quickly populating the repository with the UoW research output for 2000-2004. The DigitalCommons@ solution has been taken up by 27 universities & colleges

in the US and UK, notably including the universities of Pennsylvania, Connecticut, New Brunswick and Surry. This solution uses the BEPress software developed for and by University of California's Digital Library. Material placed in DigitalCommons during the term of the project will be in a form that can be migrated to another system in the future, if required.

- c. Set up network addressing and aliases to create public network address digitalcommons@uow.edu.au
3. Migration of relevant HERDC 2002-5 bibliographic information into DigitalCommons.
  4. Checking and refining of entries and metadata.
  5. Loading digital objects into DigitalCommons.
    - a. Prioritisation and targeting the loading of digital objects into DigitalCommons from individual academics and UOW areas of research strength, such as Engineering and Science.
    - b. Ensuring accessibility and visibility via OAI-PMH (Open Archives Initiative Protocol for Metadata Harvesting) and to enable exposure to internet search engines such as Google and Google Scholar.

## Staffing

The Wollongong Research Archive project core staffing establishment is recommended as follows:

1. Project Manager (level 6/7) Full-time.
2. Data Officer (level 3/4) Full-time.
3. Metadata support (level 5) 60% for ten weeks then 40% for 1 year.

This level of staffing should allow the initial implementation of a repository during 2005-6 and the retrospective loading of information and research objects from 2002-2005. However ongoing funding should also be anticipated for the development of the repository at a whole of university level after 2006.

The Project will be co-managed by the University Library and the Research & Innovation Division with assistance from Information Technology Services. It is anticipated that the project staff will be located within the Library.

## Network Infrastructure

IT support will be necessary for the maintenance of appropriate local network address and aliases in order to ensure the DigitalCommons host, located in California, manifests as belonging to the UoW domain. This is a small set-up task which will require little ongoing work, but needs to be monitored regularly.

## Timeline

2005	October – December	Project set up and formation of project team. Purchase of hosting solution and local configuration.
2006	January – March	Public promotion of project to university community. Migration of bibliographic data into DigitalCommons. Commencement of collection of digital objects.
	April – December	Project implementation and refinement. Assessment of future IR options, including IR software evaluation and possible RFT.
	December	Project completion.
2007	January onwards	Implementation of an ongoing research repository.

**Budget – Utilising Hosted Solution (ProQuest Digital Commons) – Pilot Pricing**

Proquest on 16 October announced a special “Pilot” pricing offer, which can save \$66,360 over two years (2006-7) on the normal price. This offer must be taken up by 15 November 2005. The repository is guaranteed to be in place by 7 December. The following pricing includes the “Pilot” offer.

		<b>2005 (10 weeks)</b>		<b>2006</b>		<b>2007</b>
<b>Staffing</b>						
Project Manager (level 6/7)	100%	\$13,459	100%	\$70,232	100%	\$70,232
Data Officer (level 3/4)	100%	\$9,789	100%	\$51,078	100%	\$51,078
Metadata Support (level 5)	60%	\$6,118	40%	\$21,282	20%	\$11,066
<b>Hosting Fee (annual)</b>						
		\$20,000	+10%	\$37,840		-
<b>Equipment</b>						
PCs x 3 + software		\$7,000		-		-
Furniture – workstations x 3, chairs x 3		\$2,280		-		-
<b>Training/Seminars</b>						
		\$2,000		\$5,000		-
<b>Total</b>						
		<b>\$60,646</b>		<b>\$185,432</b>		<b>\$132,376</b>
				<b>\$246,078</b>		<b>\$378,454</b>

- Staffing budget includes on costs.

**Summary**

- This proposal recommends the implementation of a Wollongong Research Archive during 2005-6 utilising the DigitalCommons hosted solution.
- A Project Team will be formed to make available online, by the end of 2006, a comprehensive collection of the research output of the university covering the period 2002-5.
- The implementation of the Wollongong Research Archive Project over 2005/2006 will cost \$246,078.

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[Corrected – hosting fees transferred from 2006-7 to 2005-6, running from 15 November 2005 to 15 November 2007. MO 7 November 2005]