Open Access and the Changing Role of Libraries
University of Gothenburg, Sweden - Monday, 9 August 2010

“Open Access – The Advantage for the Library in the University of a Successful Open Access Policy”

Professor Tom Cochrane
Deputy Vice-Chancellor, (Technology, Information and Learning Support)
Queensland University of Technology (QUT)
Brisbane, Australia
QUT has ...

7 x Faculties

- Built Environment and Engineering
- Business
- Creative Industries
- Education
- Health
- Law
- Science and Technology

4 x Research institutes

- Health and Biomedical Innovation
- Creative Industries and Innovation
- Sustainable Resources
- Information Security
Open Access - a Definition

“Open access is, simply, the idea that research articles should be freely, immediately and permanently available online to anyone, rather than locked away in subscription journals as many currently are.”

Zoe Corbyn, THES, 12 November 2009.
Cost complications in Australia – a long history

- Costs of scholarly communication already high
- Further compounded by need to import
- Currencies at points of origin generally stronger than Australian Dollar
Open Access
- Origin and Inevitability of the Concept

- Researcher Motivation – the ceaseless quest for recognition and/or impact
- Economic Imperative - the input/output distortions of the scholarly publishing business (the issue of moral hazard)
- The Technology Enablers – the net + application
Open Access – Journey at QUT

- Watching the debates since the 90s
- Exploring the need to act and aligning policy with researcher motivation
- Committee Process, [2003] (University Research Committee → University Academic Board)
Policy F/1.3 E-print repository for research output at QUT

[Print-friendly version]

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<th>Associate Director (Information Resources), Library</th>
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1.3.1 Application
1.3.2 Policy
1.3.3 Responsibility
1.3.4 Operational Guidelines
Modification History

1.3.1 Application

QUT staff and postgraduate students produce research and scholarly output as a contribution to their discipline and/or as part of scholarly discourse. A significant proportion of this is intended for publication for the general purpose of recognition and impact. The following policy applies to this process, only where such output is not intended for commercialisation or individual royalty payment or revenue for the author or QUT. In effect it applies to the corpus of refereed research literature, conference proceedings, and other non-refereed output, as contributed by QUT to the outside world.
1.3.2 Policy

Material which represents the total publicly available research and scholarly output of the University is to be located in the University's digital or "E print" repository, subject to the exclusions noted. In this way it contributes to a growing international corpus of refereed and other research literature available on line, a process occurring in universities worldwide.
1.3.2 Policy

The following materials are to be included:

– *Refereed research articles and contributions;*

– *Un-refereed research literature, conference contributions, chapters in proceedings, etc (the accepted draft);*

– *Theses as prepared for the Australian Digital Theses (ADT) process;*
Materials to be included ... cont’d

– Access to these contributions will be subject to any necessary agreement with the publisher;

– The material is to be organised in the repository according to the same categories used for the reporting of research to DEST;

– Material to be commercialised, or which contains confidential material, or of which the promulgation would infringe a legal commitment by the University and/or the author, should not be included in the repository.
QUT’s Institutional Repository - QUT ePrints

- Established in 2003
- http://eprints.qut.edu.au
- Focus is currently on providing open access to the ‘postprint’ versions of QUT’s peer-reviewed scholarly publications
Motivating Researchers to Self-archive to the IR

- Download statistics provide data on the number of additional readers they have reached;
- More readers = more potential citations.

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Google search results for "cyber bullying schools"

- Spotlight - Cyber Bullying and Schools - Bullying, No way!
  A comprehensive assessment is necessary to identify concerns about cyber bullying in the school community and underlying issues such as attitudes and...
  www.bullyingnoway.com.au/.../cyberBullyingSchools.shtml - Cached - Similar

- Cybersmart - Internet and mobile safety advice and activities
  4 Dec 2009 ... Contact the young people's cyber safety helpline. ... Cybersmart also offers training and resources for schools and materials for library...
  www.cybersmart.gov.au - Cached - Similar

- Elite school's horrific cyber-bullying case - ABC News (Australian)
  7 May 2009 ... Two adolescent girls have been forced to leave one of Sydney's elite private schools because of cyber-bullying.
  www.abc.net.au/news/stories/2009/05/07/2563942.htm - Cached - Similar

- News results for cyber bullying schools
  Bullying, School, Texting & Cyber Harassment Is Emotional Assault - 5 hours ago
  Although she survived the intense school and cyber bullying she endured for several weeks at the hands of those that used to be her "friends", ...
  Huffington Post (blog) - 10 related articles »
  No safe haven for bullies - Boston Globe - 24 related articles »

- Cyber Bullies
  She was the top student at primary school. LIAM BARTLETT. And with all the cyberbullying she's just gone to pieces? KERRYN Destrang: it's frightening. ...
  sixtyminutes.ninemsn.com.au » ... Liam Bartlett - Cached - Similar

- Cyber bullies run amok at top school - Technology - smh.com.au
  7 May 2009 ... Two year 9 students from the prestigious girls' school Ascham have been forced to leave the school because of cyber-bullying.
  www.smh.com.au » Technology - Similar

- PDF: 1 Cyber bullying: An old problem in a new guise? Marilyn A...
  File Format: PDF/Adobe Acrobat - Quick View
  by MA Campbell - 2009 - Cited by 46 - Related articles - All 9 versions
  SMS bullying because they don't have mobile phones (Campbell & Gardner, 2005). Schools can include coverage of cyber bullying when conducting workshops to...

- The bully you can't see - In Depth - theage.com.au
  While bullying used to take place in the classroom, the playground, or even to and from school, cyber-bullying transcend school boundaries into the...
  www.theage.com.au » Features - Similar

7 of 907,000
From QUT
- 5 years on.....

- QUT ePrints
- Shortly after 5th Birthday:
  - 14,269 records
  - 8784 with open access full-text attached
  - (plus over 1,000 additional with restricted access full-text attached – includes embargoes)
  - 2088 active depositors
Global Developments ....

- The rise of funder mandates
- The rise of institution mandates
  - MIT
  - Harvard
  - Imperial College
  - Other universities in Australia
  - Many more
Prof. Ray Frost began uploading the accepted manuscript versions of his published articles to QUT ePrints in 2004; The open access copies have been downloaded 173,615 times; Annual citation rate increased from 308 citations in 2004 to 1727 citations in 2008.
Citation impact for an early career researcher (QUT)

Published Items in Each Year

Citations in Each Year

This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.

Results found: 256

Sum of the Times Cited: 2,676
Average Citations per Item: 10.45
H-index: 28
Citation impact in a different discipline

Prof Martin Skitmore

Published Items in Each Year

Citations in Each Year
"There is no doubt in my mind the ePrints will have improved things – especially in developing countries such as Malaysia .... many more access my papers who wouldn’t have thought of contacting me personally in the ‘old’ days. While this may ..... increase .... citations the most important thing ... is that at least these people can find out more about what other people have done ....”

Professor Martin Skitmore, School of Urban Design
“I’m not sure that I could say ePrints has increased my citations, but one thing that it has done is make students aware of what I’m doing outside the classroom. This is important because both undergrad and postgrad students often don’t understand what we do beside teach them. I had one student who was working at a senior level in Australia Post, and was reviewing proposals for the business to expand ... he had obviously looked at my research via ePrints .... seen that I had examined New Zealand Post’s expansion over the past ten years, and asked for a copy of my work ..... This is only a small incident, but I can’t help wondering how many other students take a few minutes to look at what we do outside the classroom ....”

*Dr Belinda Luke, Senior Lecturer, Accountancy*
“Just last week, the General Manager of Sustainable Development from an Australian rural industry called me – based on reading one of my research papers .... in ePrints. He loved what he read – which he thought was the most clear approach he’d seen on quantifying social impact – and we are now in discussion about how we can help them measure their industry’s social impacts.”

Dr Evonne Miller, Senior Lecturer, Design
The Faculty of Education has found that ePrints has formed an important bridge to facilitate engagement of potential postgraduate students with the Faculty.

Both the Research Pathways Coordinator for Undergraduate Courses (Dr Beryl Exley), and the Assistant Dean Research, report with certainty the growth in HDR numbers through the greater visibility of the faculty’s refereed research.
The Broader Role – Research Impact

- Greater visibility
- Direct impact on metrics that matter
- New readerships in the developing world and other areas, eg rural
- Attracting HDR students
Response of the Faculties and others in the University

- Developing their own rewards systems for depositing
- Considering mandates in other areas of research policy, eg data
- Using ePrints to link to important research profile information about staff
The broader role – new areas altogether

- The eResearch partnership with ITS
- A particular impact on data management issues
- A broader role in information management
- A broader role in learning support
- A broader role in inquiry management

All of these have developed in the last 3 years.
Questions?