Scholarly Information Repository Services at Monash University

IATUL 30th Annual Conference, June 1-4, 2009, Leuven, Belgium,
Suzanne Clarke, Director, Information Resources
Andrew Harrison, ARROW Librarian
Sam Searle, Data Management Coordinator
Overview

• Monash University
• Open access policy in Australia
• ARROW Project
• Monash ARROW repository
• Conclusions
Established 1958

- 10 faculties on six Australian campuses, plus Malaysia, South Africa, and Prato, Italy
- 57,611 students from more than 100 countries
  - 6.1% HDR
  - 71.5% UG
  - 31.8% international students
  - 22.4% PG coursework
  - 14.67% off campus
- 3,589 academic staff (6,889 total staff)
- Research centres
- Total research income $185.7m in 2006
- Partnerships in Hong Kong, Singapore, China, India...
- Current world rankings (2006)
  - Jiao Tong: 201-300
  - THES: 43
Strategic directions of the University

“By 2025 we will be one of the best universities in the world, distinctive because our research-intensive, international focus enables us to address important theoretical and practical challenges, and develop graduates who will wish to do the same.”
Monash University Library

- Eight libraries in Victoria, two overseas
- 292 staff EFT including casuals
- UL (reports to DVC Education)
- 4 Directors
- $46m
  - Staff 31%
  - Collection 34%
  - Operating costs 35%
Monash University Library

- 3.7 million visitors (5% increase)
- More than 3.1 million items
- 13,094 current print serials
- 1 million loans (0.9% decrease)
- 611,000 renewals (0.5% increase)
- 84,000 enquiries (6% decrease)
- 22,153 ask.monash FAQs accessed (4% increase in 2nd year of service)
- Voyager ILMS
Monash University Library

- 50% acquisitions budget
  $16M is for electronic resources
- Almost 319,000 e-books
- Almost 978 online databases
- 59,118 e-serials in catalogue
- 7.3+ million individual accesses to eResources (through EzyProxy)
Open Access Public Policy
Open Access Public Policy – eResearch

- National Collaborative Research Infrastructure Strategy (NCRIS) 2004 – Backing Australia’s Ability
- Discovery and re-use of publically funded research, $542m over 2005-2011
Open Access Public Policy – Data Management

- Australian Code for the Responsible Conduct of Research (2007) outlined the requirements for good management of research data and primary research material
- “research data should be made available for use by other researchers unless prevented by ethical, privacy or confidentiality matters”
Open Access Public Policy - Repositories

- Accessibility Framework (DEST 2004)
- Ventourousaustralia (2008)
- Research Quality Framework (RQF)
- Excellence in Research Australia (ERA)
- Australian Scheme for Higher Education Repositories (ASHER)
- ARC Discovery Projects, NHMRC Projects Grants Funding Policy
ARROW

• ARROW Project, Monash Lead Institution including 17 libraries
• Monash University ARROW Repository established
Monash ARROW Repository

- Policy objective to make as much material open access as is possible
- Currently 100% of material has full text document or image available open access
Monash ARROW Repository team
Monash ARROW Repository

Content may be summarised as follows:

- Research publication and output
- Research Data
- Research collections
- Research publishing
Research publications (ERA)

• Annual publication data collection
  – 3,000 to 4,000 per annum going forward
  – Automatically collected from Research Office
eTheses

• Retrospective collection
  – 700 thesis scanned from fiche
• Mandatory self-submission
  – Up to 40 per month by 2011
Research Data

• Integration of repository with e-Research and research data management
### Research Datasets

**MONASH University**

**ARROW Repository**

---

**Showing items 1 - 14 of 14.**

- **1SNG - Structure of a Thermophilic Serpin in the Native State**
  Creator: Fulton K.P.; Buckle A.M.; Cabrita L.D.; Irving J.A.; Butcher R.E.
  Date: 2003
  Full Text: —

- **Aceh: Jakarta and Aceh fieldnotes, February-March 2003**
  Creator: Kartomi, Margaret J.
  Date: 2003
  Full Text: —

- **Babus: report of field trip to the east coast of Aceh, 1982**
  Creator: Kartomi, Margaret J.
  Date: 1982
  Full Text: —

- **South Sumatra**
  Creator: Kartomi, Margaret J.
  Date: 1973
  Full Text: —
DARE Project

• Contact librarians learning to provide advice data management planning
• e-research support services
  – LaRDS
  – MeRC and ANDS
  – Repository
Research Data – Field recordings

- Audio files for 40 years of field trips
  - traditional Sumatran music
  - interviews with the musicians
- Photographs
- Video
- Field notes
Research Data – Images

• Monash Centre for Gippsland Studies
  – More than 1,000 photographs
  – Local history research groups

• Documents the changing landscape through pictures, mining, flood, drought etc
Group on a big stump
Gov. Gen. causes riot

A crowd of some 1000 in 1939 public schools gathered on the steps in Queen's Park South Melbourne last Wednesday night until the Governor-General, Sir John Kerr, arrived and addressed the crowd.

The police believed that they would have to resist the crowd's power by the rear entrance of the street, and a truck was driven, blocking a front side window and injuring an innocent bystander. After half the crowd gathered in the back, a truck was driven, blocking a front side window and injuring no one. The crowd gathered at the rear entrance and then marched through the streets, confronting the Governor-General in his car.

The governor-general's car was marred and damaged, and the crowd took advantage of the situation. The police were forced to use force to control the crowd, and several injuries were reported. The event was a rare display of anti-government sentiment in Australia.

The event was a rare display of anti-government sentiment in Australia.
TÍTULO DE PATENTE NO. 207956

Titular(ós): MONASH UNIVERSITY

Domicilio(s): Wellington Road, Clayton, Victoria, 3168, AUSTRALIA

Denominación: MÉTODOS PARA EL DIAGNÓSTICO DE DIABETES Y DE ESTADOS PREDIABÉTICOS.

Clasificación: Inv.C16: G01N33/63

Inventor(ós): IAN REAY MACKAY; MERRILL JOY ROWLEY; PAUL ZEV ZAMMET

Número: P1994001035

Fecha de presentación: 9 de febrero de 1994

Hora: 13:04

PAÍS: AU

Número: PL76893

Fecha: 9 de febrero de 1991

ESTA PATENTE CONCEDE A SU TÍTULAR EL DERECHO EXCLUSIVO DE EXPLOTACIÓN DEL INVENTO RECLAMADO EN EL CAPÍTULO REVISADO. LAS DISPOSICIONES IMPORTEABLES DE VEinte AÑOS CONTADOS A PARTIR DE LA FECHA DE LA SOLICITUD.

Fecha de expedición: 27 de mayo de 2002

EL DIRECTOR DIVISIONAL DE PATENTES

QUIM. FABIÁN R. SALAZAR GARCÍA
Research Publishing Services

- ePress publications roll into open access status after two years
- Small, self-published, in-house open access journals stored in repository
Dissemination - broad

- Repository metadata globally ‘harvested’
  - Google
  - OAIster (University of Michigan)
  - ARROW Discovery Service (NLA)
  - ANDS Data Commons
Group on a big stump
Google search results for "group on a big stump".
You found 1 record by searching the Title field for "group on a big stump". 

**Record 1 of 1**

<table>
<thead>
<tr>
<th>Title</th>
<th>Group on a big stump [picture].</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributor</td>
<td>Centre for Gippsland Studies (Monash University)</td>
</tr>
<tr>
<td>Year</td>
<td>1910-1919</td>
</tr>
<tr>
<td>Resource Type</td>
<td>still image</td>
</tr>
<tr>
<td>Resource Format</td>
<td>1 photoprint: b&amp;w, 24 x 19 cm.</td>
</tr>
<tr>
<td>Source</td>
<td>Item held by Centre for Gippsland Studies, Monash University.</td>
</tr>
<tr>
<td>Note</td>
<td>Twelve men, women and children are seated and standing on top of a large stump. The stump was located at Touzel's Corner, Junction of Coast Road and Allambee Road, west of Mirboo North. Mrs F. Touzel selected the land and her son, George E. Touzel, cleared and farmed the property.</td>
</tr>
</tbody>
</table>

Note: Centre for Gippsland Studies Picture Collection. 

Note: W.J. Tuck Collection. 

Note: AB0014.
Dissemination - narrow

• Specialist Discipline ‘harvesting’
  – PictureAustralia
  – Australian Digital Theses
  – TARDIS Federated Diffraction Image Publication Repository
  – Economists Online
Welcome

TARDIS is a multi-institutional collaborative venture that aims to facilitate the archiving and sharing of raw X-ray diffraction images (collectively known as a dataset) from the protein crystallography community. Whereas the model coordinates and (less often) the structure factors (processed experimental data) are stored in the PDB the raw diffraction data is often not available. Addressing this shortcoming is the central aim of TARDIS. There are several reasons why we feel this is important (see about), which can be summarised as:

- The availability of raw data is extremely useful for the development of improved methods of image analysis and data processing.
- Fostering the archival of raw data at an institutional level is one of the best ways of ensuring that this data is not lost (laboratory archives are typically volatile).

For more information on the TARDIS project please contact Associate Professor Ashley Buckle.
Conclusions & Future Directions

- Research publications % open access
- More research data
- Build content
- Collaborations with Monash e-Research Centre & Australian National Data Service
Contacts

- Suzanne Clarke
  Suzanne.clarke@lib.monash.edu.au