The role of libraries in the research publishing landscape

Janette Burke, Interim University Librarian

Japan Wiley Executive Seminar

30 July 2017

Conflict of Interest (COI) of the Presenter : No potential COI to disclose

- Monash is very big

  - 8,425 staff
  - 2,500 research staff
  - 12,000 postgraduates
  - 4,000 publications
  - 10 faculties

- Research intensive

- Global

- Resources-challenged

- Significant investment in campus development

According to **preliminary data** from week 1 semester 1, Monash had **72,100** students enrolled globally

22,088 commencing

50,012 returning

(from the UPS pivot table Enrolment History: 2013-2017)
(snapshot as at 6 March 2017)

Monash University Library

- 7 libraries in Australia
- 1 in Malaysia
- Over 3.5M visits per year and increasing
- 5,287 seats
- 204 Library staff
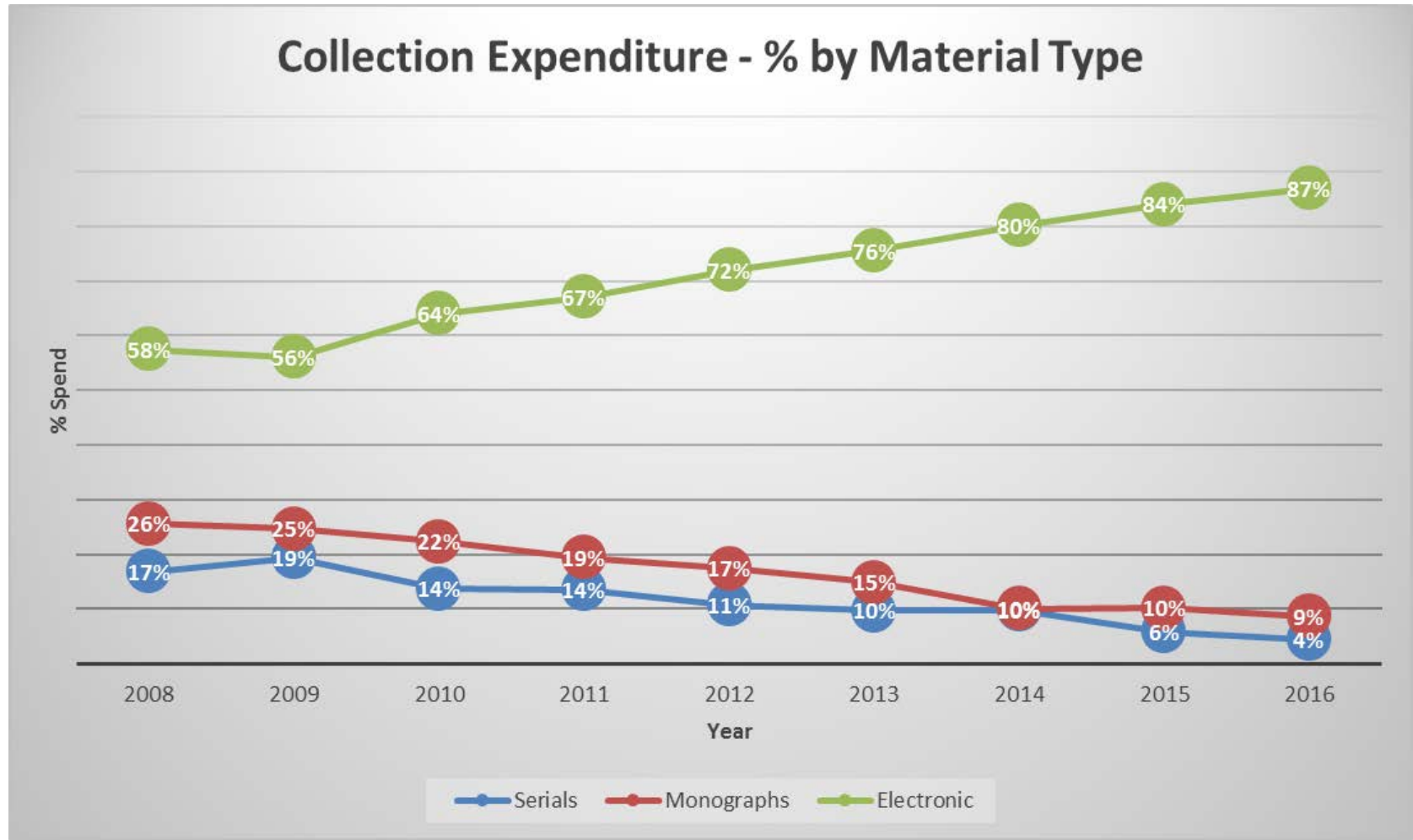- Large number of online modules created

Our role is changing

- Increasing leadership in eLearning

- Teaching people to navigate and exercise judgement in a complex and confusing information environment

- More "e" aligned practices

- Embracing and understanding openness

- Providing significant expertise in research and learning

- Managing research data
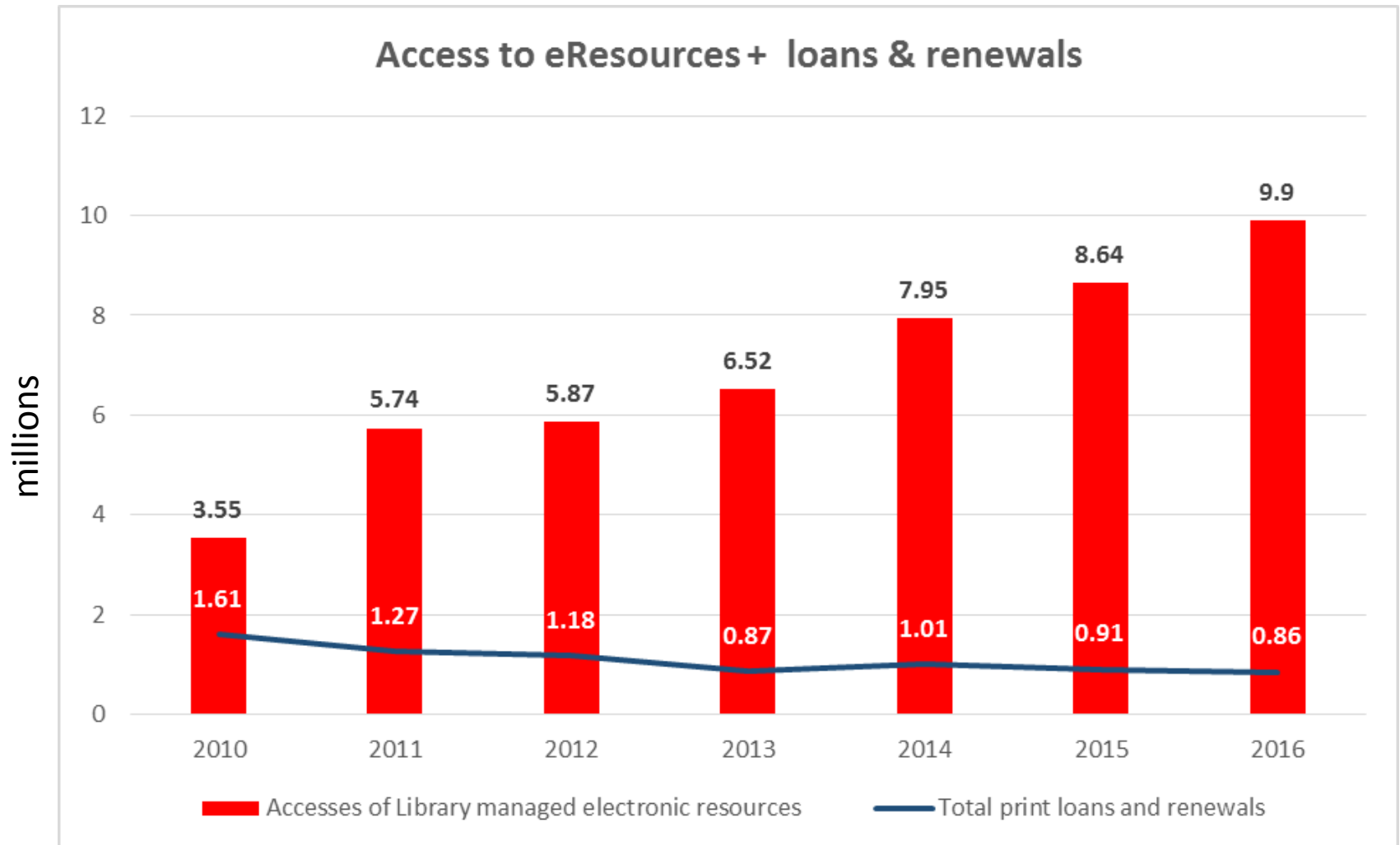
Transforming Scholarship

- Print collection
  4.4M down .001%

- Electronic books
  1.1M up 19.7%

- Electronic journals
  116,322 up 10.4%

- Databases
  1,914 up 11.9%

Expenditure shift from print to electronic (*serials & monographs*)

Collection Expenditure - % by Material Type

Year	Serials	Monographs	Electronic
2008	17%	26%	58%
2009	19%	25%	56%
2010	14%	22%	64%
2011	14%	19%	67%
2012	11%	17%	72%
2013	10%	15%	76%
2014	10%	10%	80%
2015	6%	10%	84%
2016	4%	9%	87%

Access to eResources &
Loans and Renewals

Access to eResources + loans & renewals

Legend:
- Accesses of Library managed electronic resources
- Total print loans and renewals

Building Better Teaching Better Learning

- 49,221 participants in teaching programs

- 4.3M streams of recorded lectures

- 4.8M views of online Library guides

- 46 Library owned Moodle courses for student learning

Study skills for university

Research and writing for assignments

Assignment structures and samples

Graduate research and writing

Managing your time
It is not uncommon to have several assignments due at the same time. Here are some tips to help you organise your study time.

Quick study guides
For a quick overview of a topic, try these colourful printable, downloadable infographics.

Academic integrity
Learn to use information responsibly and avoid plagiarism with these interactive tutorials.

Increased collaboration with Faculties

Framework

Find out how we work with academic staff to design and include job skills in curricula.

Partner with us

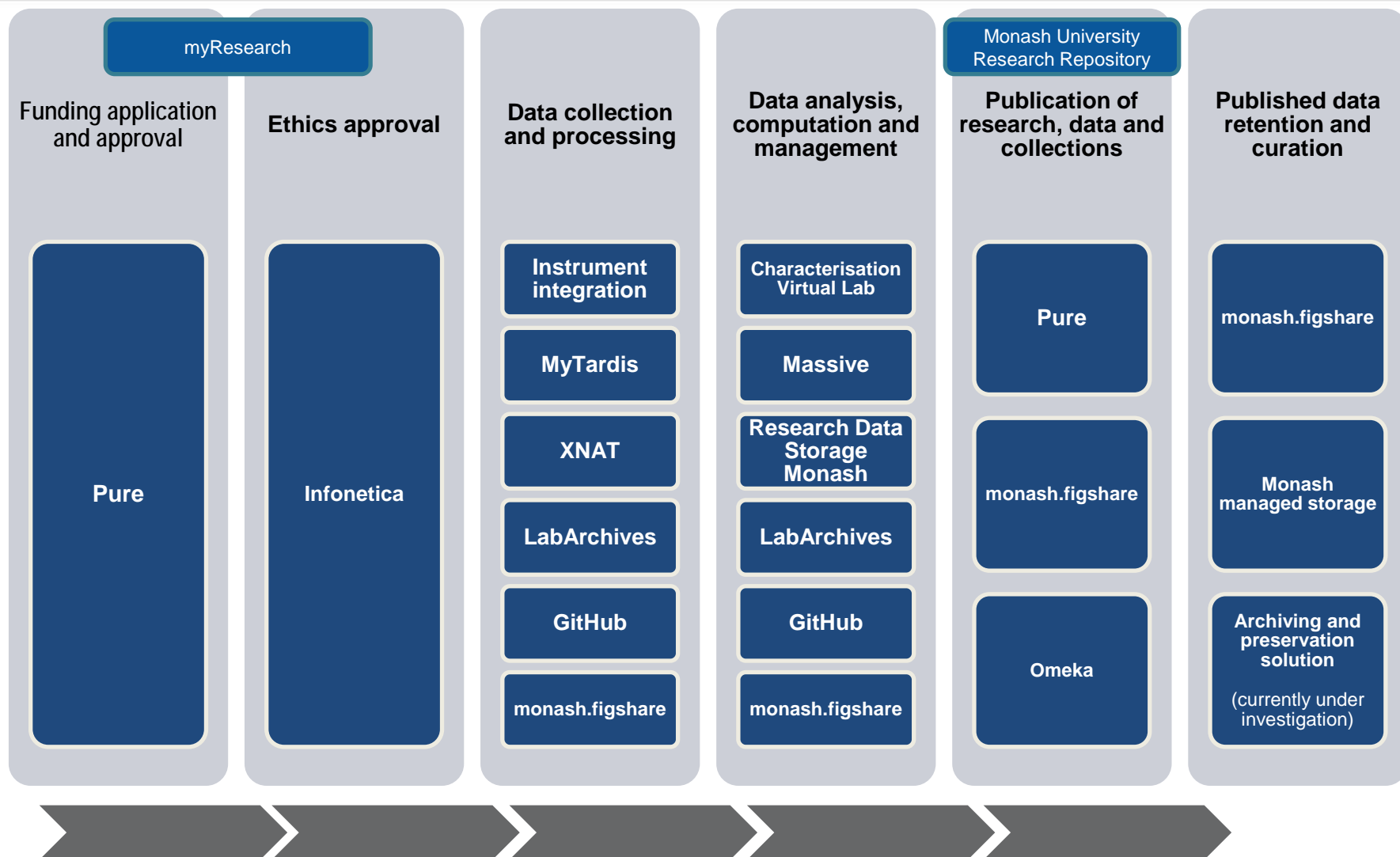We welcome opportunities to collaborate with academic staff across faculties.
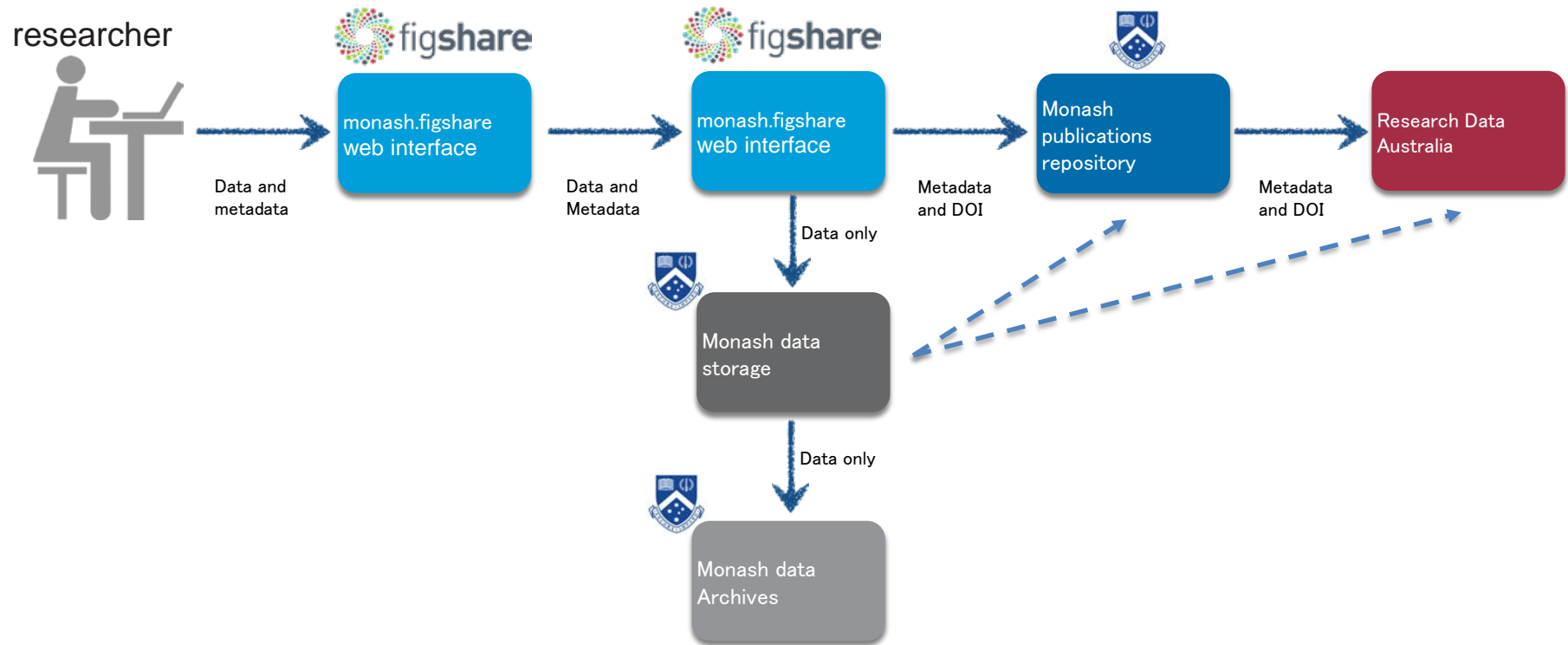
Research data management, repositories, publishing

High resolution images in JPG format acquired using a Canon EOS 7D camera fitted with an EF 100 mm f/2.8 USM macro lens of 30 individuals of the orb web spider \textit{Verrucosa arenata} used to extract and quantify human visible colours present on the dorsal abdomen of this species. Tapia-McClung, Horacio (2016): JPG images. figshare. https://doi.org/10.6084/m9.figshare.4203399.v1Retrieved: 05 40, Jun 09, 2017 (GMT)

Libraries contribute to all phases of the research cycle

Research Infrastructure

Funding application and approval	Ethics approval	Data collection and processing	Data analysis, computation and management	Publication of research, data and collections	Published data retention and curation
myResearch				Monash University Research Repository	
Pure	Infonetica	Instrument integration	Characterisation Virtual Lab	Pure	monash.figshare
		MyTardis	Massive		
		XNAT	Research Data Storage Monash	monash.figshare	Monash managed storage
		LabArchives	LabArchives		
		GitHub	GitHub	Omeka	Archiving and preservation solution (currently under investigation)
		monash.figshare	monash.figshare		

Typical user

researcher

monash.figshare web interface

Data and metadata

Data and Metadata

monash.figshare web interface

Metadata and DOI

Monash publications repository

Metadata and DOI

Research Data Australia

Data only

Monash data storage

Data only

Monash data Archives

Graduate research development

We contribute to:

- Developing a plan for successful doctoral study
- Writing a literature review and a research proposal
- Refining oral presentation skills
- Writing about quantitative data
- Communicating research results
- Editing and proofreading thesis for readability
- Writing about qualitative data: developing an argument
- Writing a winning abstract and journal article
- Preparing and presenting a conference poster
- Developing a successful publishing strategy
- Future-proofing, sharing and publishing data

http://www.monash.edu/rlo/graduate-research-writing

Publishing your research
> Publishing in journals
> Demystifying the review process
> Strategic approach to publishing

Working with research literature
> Searching, finding and refining
> Writing about research literature

Managing research data

What to do with your research data? Discover best practice in planning, managing, sharing and storing your data – and complying with copyright.

Data management at Monash University

Start here. Understand best practice guidelines when it comes to research data.

Find out more

Sharing and disseminating data

Share data – it's the new mantra in research. Think about how, with whom and when.

Enquire now

Choosing the right data storage

Be informed. Find out what you need to consider when selecting where to store your digital data.

Find out more

http://www.monash.edu/library/researchdata

Why manage data?

- Facilitates collaboration: data is easier to share with others
- Re-use is possible, which improves research efficiency
- Validates research and publications
- Increases research impact if made available:
    - Increased citation of articles
    - Potential to highlight how many times data has been cited/re-used
- Recognised output in Monash's research management system
- Complies with funding requirements

Finstad, Anders (2016): 2016-05-07 15.58.57.jpg. figshare.
https://doi.org/10.6084/m9.figshare.3395665.v1
Retrieved: 05 56, Jun 09, 2017 (GMT)

Assumptions

- Researchers create an unknown but substantial amount of research data

- The vast bulk of this data is stored and managed in locations that do not enable easy discovery, sharing or re-use

- Researchers want to be able to manage their data in methods that they control that make sense with their workflows and disciplinary expectations

- Monash does not have enough people to hold everyone's hands

- We provide people, tools and services that enable Research Data Management (RDM)
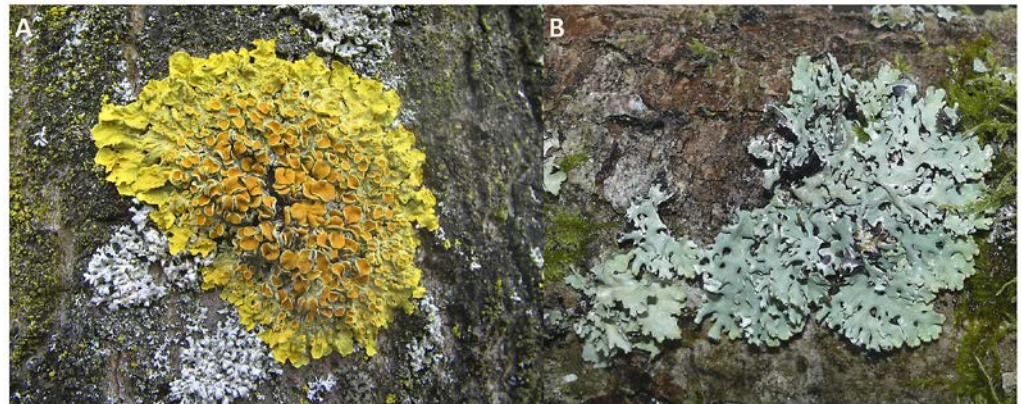
Fontaneto, Diego; Westberg, Martin; Hortal, Joaquín (2011): Two of the analysed species of lichen: A, *Xanthoria parietina*; B, *Hypogymnia physodes*.. figshare.
https://doi.org/10.1371/journal.pone.0023969.g002
Retrieved: 06 01, Jun 09, 2017 (GMT)
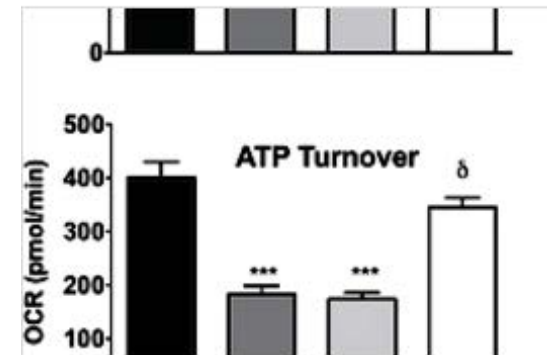
http://monash.figshare.com

- Supporting material for publications

- Spreadsheets, statistical data sets

- Images, photographs and video

- Audio recordings

- Software code

- Digitised theses and etheses

Kashgar Sunday market
John Gollings   26/09/2016

Bar graphs show oxygen consumption rates (OCR) due to ba...
David Williams   11/08/2014

- Public or private access options

- DOI for open access and for easier accessibility

- ORCID identifier

- Automatic record in Scopus

- Greater visibility of research outputs

- Easy compliance with funder and publisher requirements to make data open

- Allows other researchers to find work, enabling collaborative research

MONASH BUSINESS SCHOOL

Rob J Hyndman

Forecasting big time series data using R

Forecasting big time series data using R

Rob Hyndman 24/10/2015

MONASH University

Open Access Essentials

November 2016

Presented by

Lisa Kruesi, Librarian,
Sir Louis Matheson Library &
Andrew Harrison,
Research Repository Librarian

OPEN ACCESS

Open Access Essentials in Arts, Humanities and Education

Lisa Kruesi ⌄ 08/11/2016

Research impact and publishing Library Guide

"Research impact is the demonstrable contribution that research makes to the economy, society, culture, national security, public policy or services, health, the environment, or quality of life, beyond contributions to academia"
Australian Research Council

ORCID
Connecting Research and Researchers

An ORCID ID is a unique researcher identifier that identifies you and your work.

I want to ...

- **Find the impact for an individual article** - see Author Impact
- **See an overview of all of my impact** - see Author Impact
- **Find the standing of a journal** - see Journal Quality and Impact
- **See if my books / book chapters are having an impact** - see Book Impact
- **Find my h-index** - see Author Impact
- **See who is citing my work** - see Author Impact
- **Compare journals and their impact** - see Journal Quality and Impact
- **Know which are the best journals in my field** - see Journal Quality and Impact
- **Ensure I'm getting credit for all my research and publications** - see Author IDs & Profiles
- **Meet funder requirements regarding open access** - see Open Access
- **Develop a publishing strategy** - see Publishing
- **Understand the benefits of open data** - see Open Data
- **Find out more about alternative metrics** - See the Altmetrics guide

Requiring ORCID in Publication Workflows: Open Letter. Major publishers have committed to requiring ORCID iDs in the publishing process for their journals and invite other publishers to do the same. See a list of journals/publishers here

If you are a Monash researcher with a Pure (myResearch) profile, Instructions on how to get your ORCID identifier for Monash researchers can be found here

http://guides.lib.monash.edu/research-impact-publishing

Open access

Open Access

The Open Access Button will search across the web for a freely accessible full-text version of an article

The next time you can't access the research you need, use the Open Access Button.

Open Access Button

You get instant, legal access to articles and request articles that aren't available.

https://openaccessbutton.org/

What is Open Access?

Open Access refers to the use of digital technology to make access to publicly-funded research results, freely and widely available to anyone with an internet connection. Some forms of Open Access remove the barriers created by subscription paywalls where research results are only available via a subscription.

Benefits of OA:

- OA research is not hidden behind a subscription paywall so it can be widely read, used and cited to attract potential collaborators
- Compliance with funder requirements to share knowledge of publicly funded research
- Makes research more discoverable to policy makers and government resulting in increased potential of 'societal impact' of research

Models of Open Access publishing

Green Open Access or Self Archiving	Gold Open Access
Researchers publish in a journal and then self-archive their manuscript in the Monash PURE (myResearch) repository OR in another repository (eg. arXiv) where it can be accessed for free. Some publishers require delays, or an embargo, on when a research output in a repository may be made open access	Researchers publish in Open Access journals which usually involves a fee for providing freely available immediate access to the final version of the article. **Hybrid Open Access** occurs when a journal typically requires a subscription but will provide Gold Open Access to an article if the author pays a fee.

http://guides.lib.monash.edu/research-impact-publishing/open-access

Monash Collections Online

A selection of hand-tinted albumen photographs produced for the tourist trade in Japan in the late 19th century. These photographs are taken from four bound albums with lacquered covers featuring individual designs. The images show Japanese scenic views, gardens, traditions and everyday life, including ceremonies, priests, samurais, actors, people of various professions, unnamed persons, dancers, rituals like hara-kiri and examples of costumes.

- Based in the Library physically and administratively

- Aligns with the Library's strategic initiative
'Improve research performance by providing leadership in research data management and high impact and sustainable open scholarship.'

- The Library manages Monash University Publishing and nurtures a culture of publishing.

- Reports to the Library's Director Research and through the Monash Research Committee

- Monash University Publishing has an Advisory Committee of Monash and non-Monash members (meeting twice a year)

Monash University Publishing
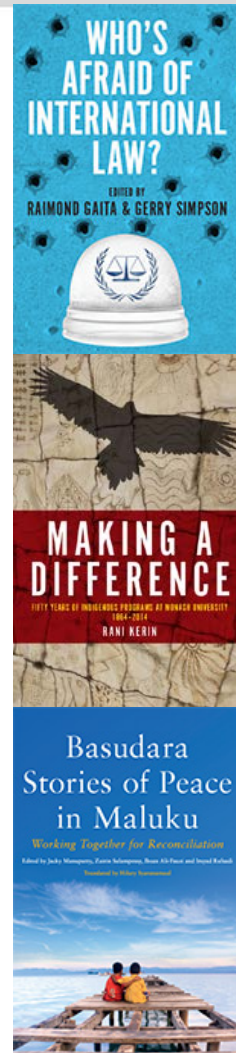
- Established in 2010

- Publishes 20-25 books a year (no longer publishes journals)

- Publishes primarily series

- Each series has a series editor who works with Publishing

- 2015 published 21 titles and 2016 published 24 titles

- Electronic publishing

- Open access monographs

- Print on demand (short print runs)

- Nurturing a culture of publishing – 50% content generated by faculty editorial committees
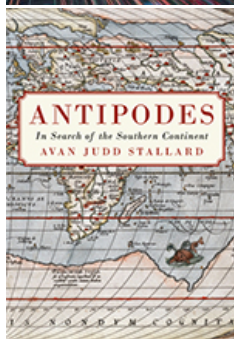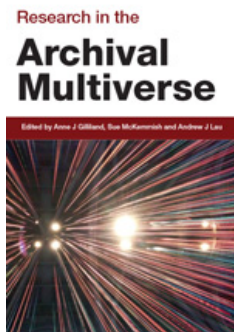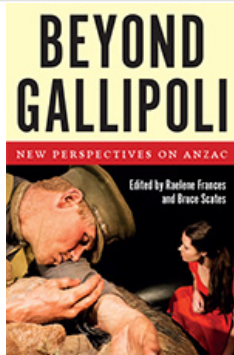
- How do we work?

- A 'hybrid' business model …

  - print + electronic

  - commercial + open-access

- Overarching goal is to achieve cultural impact / build prestige, by…

  - Quality, socially relevant product(s)

  - Branding

  - Prizes

  - Reviews (mass media and scholarly)

  - Media

  - Sales and readership

Monash University Publishing
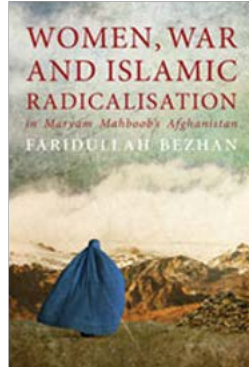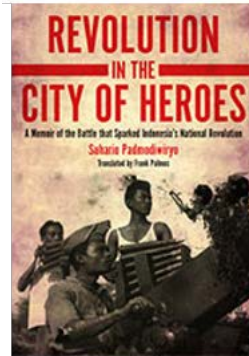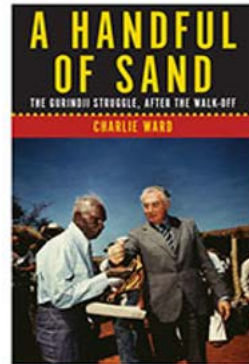
- Titles are professionally distributed around the world ...

    - Australia and New Zealand (NewSouth Books)

    - North America (ISBS)

    - UK, Europe, Asia, the Middle East and Africa (Gazelle Book Services)

- We overwhelmingly prefer open access publication

For further information visit the Monash UP website:
www.publishing.monash.edu

Or contact Director Dr Nathan Hollier
nathan.hollier@monash.edu

In the future
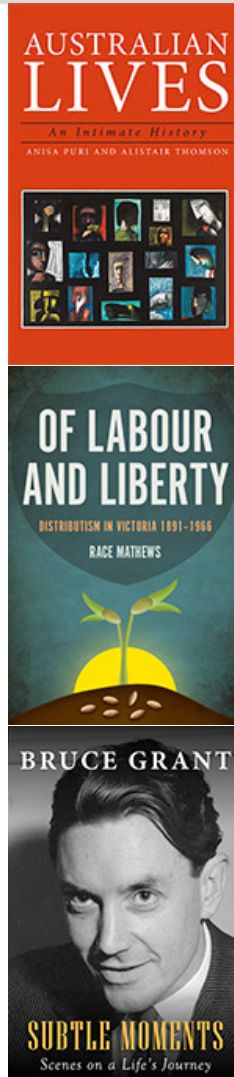
- Research data will be managed effectively to provide Monash with a competitive advantage

- We will be recognised globally for our leadership in RDM

- Open access will continue to evolve as an important part of the scholarly communication landscape

- Stewardship of the University's valuable research collections will be extended considerably through curation and digitisation

- Monash University Publishing will be recognised for the strength of its list, its contribution to the scholarly communication culture and its innovative approach

- Student centred eLearning content, research and learning skills will be a significant part of the curricula

mohseni nasab, shirin (2016): 5.jpg. figshare.
https://doi.org/10.6084/m9.figshare.3206473.v1
Retrieved: 05 49, Jun 09, 2017 (GMT)

Questions?

2016 Library digital exhibition - Rise, Set, Ebb, Flow, Breathe, Grow: evolving fractal geometry, the work of Owen Kaluza, a graphic software specialist with the Monash Immersive Visualisation Platform.

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