

Emerging roles and collaborations in research support for academic health librarians

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La Trobe's '*Future Ready*' research agenda



- Improve research quality
- Identify, develop and implement strategic research partnerships
- Increase cross-disciplinary research
- Double research income
- Improve student satisfaction as measured by the Postgraduate Research Experience Questionnaire
- Derive a high proportion of research income from Research Focus Areas
- Improve international research-based ranking

Research at La Trobe University

latrobe.edu.au/research/

- 1,389 researchers: 339 research staff, 1050 teaching & research staff
- 1,700 HDR students
- 32 Research Institutes Centres
- 2 Research Development Parks
- 20 Disciplinary Research Programs
- 5 Research Focus Areas
 - Building health Communities; Understanding disease; Sport exercise and rehabilitation; Securing food, water and the environment; and Transforming human societies

Faculty Librarians and La Trobe's research agenda:

What do partnerships with researchers look like?

What is the nature of our contribution to University research goals?

How do we make our expertise and contribution more visible?

How are our roles emerging to meet this need?



“Emerging Roles” - themes from the literature

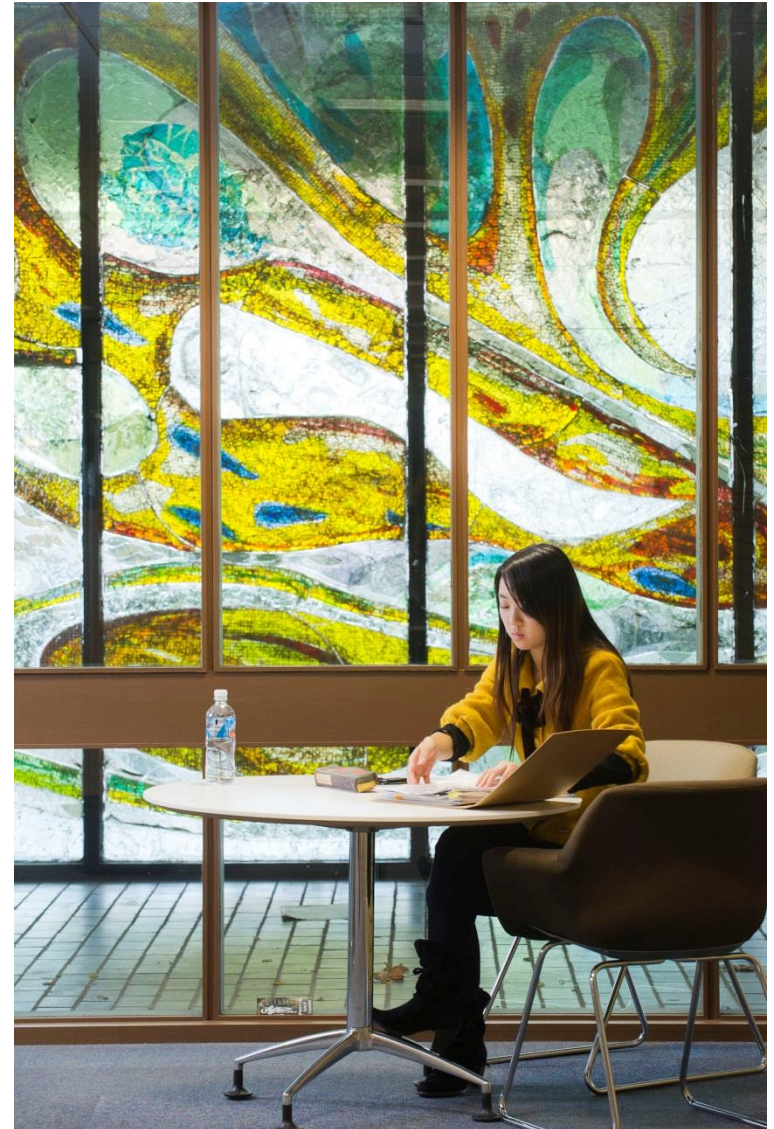
- *“The professions’ own status and future, yet it is hard to grasp the overall pattern of change” (Cox & Corrall, 2013)*
- *Libraries need to be “better positioned and more congruously aligned with institutional priorities” (Allee, et al., 2014)*
- *Move away from the “holy trinity of reference, instruction and collection development” (Williams, 2009)*
- *“No one liaison can do it all” (Kenny, 2014)*
- *Functional specialists as librarians “who do not have liaison assignments to specific academic departments but serve as “superliaisons” to other librarians” (Jaguszewski & Williams, 2013)*
- *“Engagement-centered model” (Allee, et al., 2014)*
- *“There is a real conundrum emerging between the traditional liaison role where productive relationships are cultivated over many years; and the librarians who transform to the functional specialist model” (Karasmanis & Murphy, 2014)*

A word cloud illustrating various emerging roles in librarianship. The words are arranged in a cluster, with 'Informationist' being the largest and most central. Other prominent words include 'emerging roles', 'Information literacy educators', 'Emerging technologies librarian', and 'Systematic review librarian'. Smaller words include 'Clinical informationist', 'Disaster information specialist', 'Grants development librarian', 'Continuing medical education librarian', 'Data management librarian', and 'Repository manager'. The colors range from dark maroon to bright orange.

Clinical informationist
Systematic review librarian
Emerging technologies librarian
Disaster information specialist
emerging roles
Information literacy educators
Grants development librarian
Informationist
Continuing medical education librarian
Data management librarian
Repository manager

Emerging roles at La Trobe University Library

- Increased capacity in expert searching
- Renewed focus on research metrics and data management
- Renewed focus on promotion and embedding of services



Repackaged services:

Customised Search
Service (CSS)

Research Impact
Service (RIS)

Market Intelligence
Service (MIS)



Customised Search Service



Customised Search Service ...

...provides advanced literature searches to researchers who are conducting preliminary literature reviews in preparation for grant applications, or working on funded projects involving systematic literature reviews.



LibReST project to develop the service

How can librarians contribute to the work of researchers within the Faculty of Health Sciences, who are:

- conducting preliminary literature reviews
- preparing grant applications
- working on funded projects involving literature and systematic literature reviews





S: Sampling strategy

T: Type of studies

A: Approaches (other than eResources)

R: Range of years

L: Limits

I: Inclusion and exclusions

T: Terms used

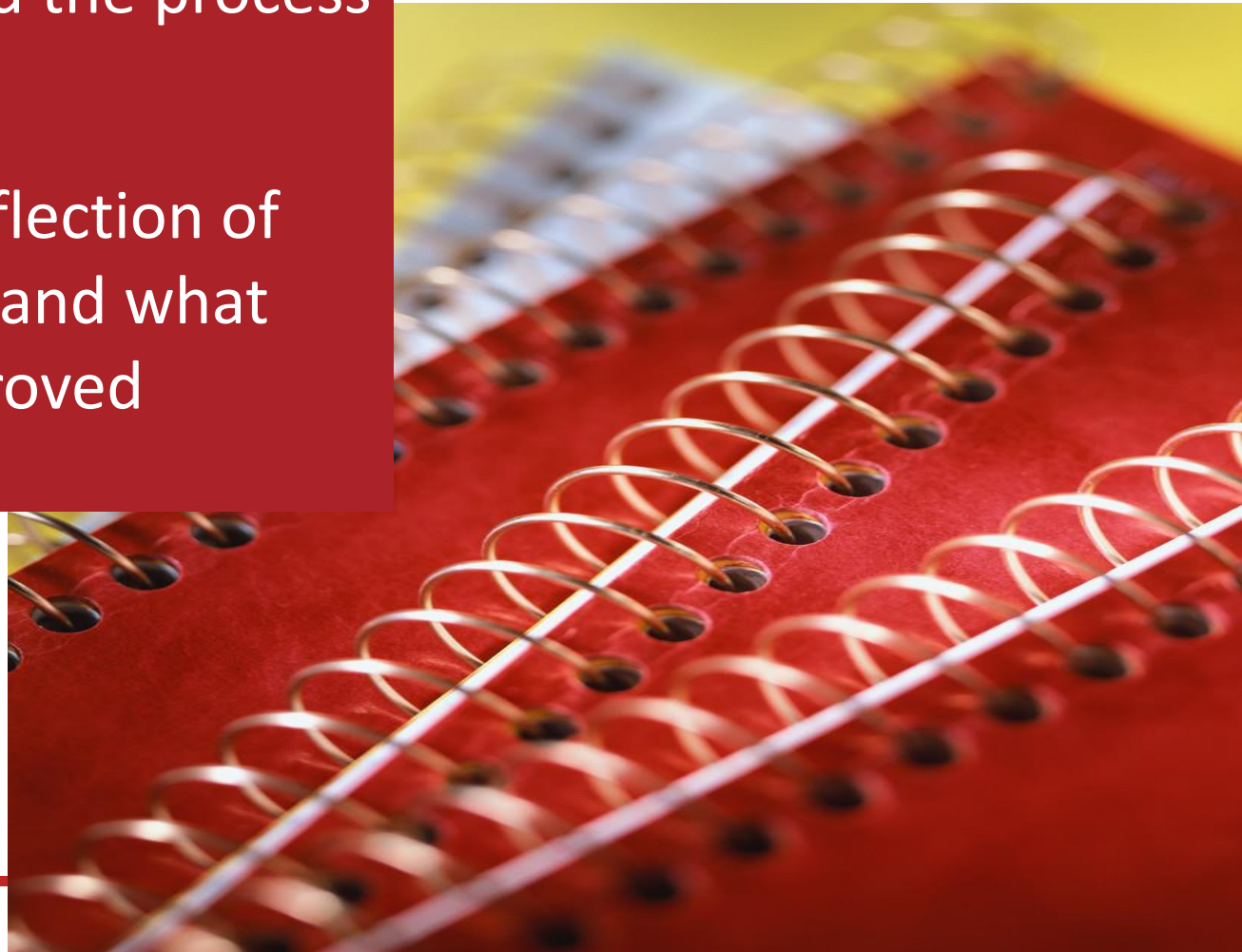
E: Electronic sources

Booth, A. (2006). "Brimful of STARLITE": toward standards for reporting literature searches. *Journal of the Medical Library Association*, 94(4), 421.

LibReST Journal Log

A Group Journal Log was used to record the process of the trial

Provided a reflection of what worked and what could be improved



Customised Search Service Request Form

latrobe.edu.au/library/research-and-grant-support

Home > Library > Research and grant support > Customised search service > Health Sciences

Health Sciences

This is a search service for staff preparing grant proposals or working on funded projects. The service includes searching up to four databases.

The search results will be de-duplicated, and emailed in an EndNote Library. The search history will be emailed as a Word document.

- 1 [General information](#)
- 2 [Your search request](#)
- 3 [Additional information](#)
- 4 [Confirm & submit](#)

General information

(* indicates a required field)

Name	<input type="text" value="enter your name"/>	*
Email	<input type="text" value="enter a valid email address"/>	*
Telephone (or mobile)	<input type="text" value="enter a valid phone number"/>	*
Discipline	<input type="text" value="enter your discipline"/>	*
School / Research Centre	<input type="text" value="enter your school / research centre"/>	*

Request details

1 [General information](#)

2 [Your search request](#)

3 [Additional information](#)

4 [Confirm & submit](#)

Your search request

(* indicates a required field)

Is this request related to an RFA	<div>Is related to an RFA? Please specify</div>	*
Purpose of search	<div>Select a purpose</div>	*
Type of review	<div>Select a type of review</div>	*
Grant / Funded project name	<div>enter the name of the grant or funded project</div>	*
Funding Body	<div>enter the name of the funding body</div>	*
What is your role in the project?	<div>enter your role in the project</div>	*
When are the search results required by?	<div>dd/mm/yyyy</div>	*
Research question / topic overview	<div></div>	*
Search terms	<div></div>	*

Search request procedure

- Researcher completes request form
latrobe.edu.au/library/research-and-grant-support
- Consultation to discuss scope of request
- Development of search strategy
- Conduct search in four databases
- Set up database accounts to save searches
- Search results de-duplicated, and emailed in an EndNote Library
- Search history emailed as a Word document

Checklist

- Meet with researcher, work out scope, databases and search terms
- Book time and add to leave spread sheet
- Conducting the search:
 - set up database accounts with naming convention
 - save search history using naming convention
 - Add search history and/or strategy to Word document
 - Export to EndNote using naming convention (and de-duplicate)
 - Provide instructions to add link to the full text in EndNote
- Sending search results:
 - Email compressed EndNote library
 - Include database logins and attach Word doc with search history/strategy
- File documentation in LibGuide (private) and record hours

Customised Search Service by Faculty (2013)

Faculty	Number of searches	Number of hours spent
Business, Economics & Law	6	50
Health Sciences	52	425
Humanities, Social Sciences & Engineering	6	88
Science, Technology & Engineering	4	35
Interdisciplinary: Health Sciences/Business Economics & law	1	53

Responsiveness and timeliness

*“It increased the speed to
complete the literature
review”*

- Health Sciences researcher 2014

“Service was fast, thank you”

- Health Sciences researcher 2014





What researchers say

“It gave the research group confidence that the search was extensive and comprehensive, exceeded expectations”

“It was helpful & provided valuable information regarding the search strategy for the research project”

- Health Sciences researchers 2014

Research Impact Service



RESEARCH IMPACT SERVICE

**Researchers and
academic staff.**

Faculty librarians can help you analyse the impact of your research outputs to support grant applications and academic promotion.

Complete the online form and we'll be in touch.

[latrobe.edu.au/library/
research-and-grant-support](http://latrobe.edu.au/library/research-and-grant-support)

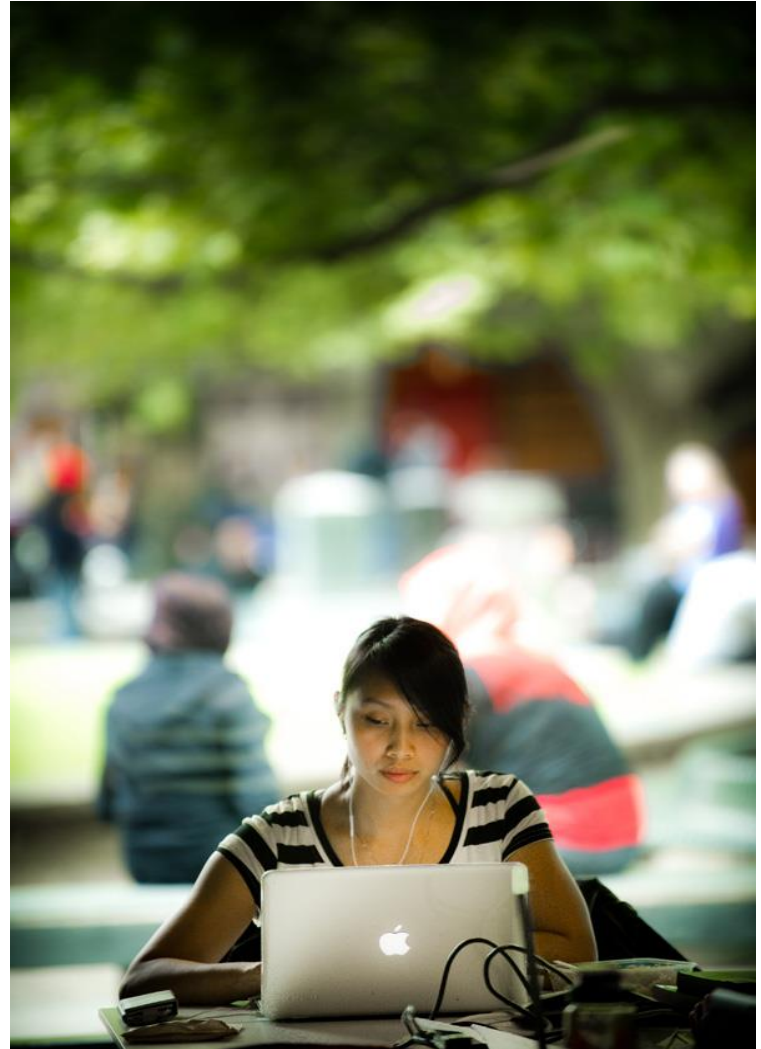
Online support tools using LibGuides and SlideShare

- Citation Analysis: measure your research impact
- Where to publish: journal impact & quality
- Data Management
- Alerting Services

<http://latrobe.libguides.com>

“I love the Library guides – they’re fantastic. Just wish more people would read + digest them”

(Research Education staff, 2014)



Citation Analysis: Measure your research impact

Last Updated: Sep 11, 2014

URL: <http://latrobe.libguides.com/citationanalysis>

[Print Guide](#)

[RSS Updates](#)

Overview

Scopus

Web of
Science

Google
Scholar

Publish or
Perish

InCites

Researcher
Profile

Altmetrics

Further Reading
& Citation Tools

Overview

[Comments\(0\)](#)

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Search:

All Guides

Search

Measure your research impact



What tools are available?

- You will need to use multiple tools as no one database covers all publications.
- See [Altmetrics](#) and [Further Reading & Citation Tools](#) for other methods of citation tracking

Scopus

- World's largest abstract and citation database of peer-reviewed literature with smart tools that track, analyse and visualise research.
- Comprehensive scientific, medical, technical and social science databases. Also includes conference proceedings.

• Key provider of citation information. Includes

SlideShare views embedded within the Research Support LibGuides since 2013

Title	Views
Citation Analysis	2,669
Where to Publish	2,378
Publish or Perish	1,627
Google Scholar Citations	1,074
InCites	694

Research Impact Service includes:

- Online request form:

latrobe.edu.au/library/research-and-grant-support/research-impact/

- Analysis report includes:
 - Article impact, journal impact and author Impact
- Further advice on setting up researcher profiles:
 - ORCID, Researcher ID, Scopus Author ID
 - Google Scholar, ResearchGate, Microsoft Academic
 - Altmetrics (alternate metrics)
 - Social media tools

Research Impact Service checklist for requests:

- Cross campus working group (5), assign request; block out time and add to internal leave spreadsheet
- Clarify time frame, confirm publications to include, determine variations in author name and other affiliated universities
- Conduct the search using the templates and instructions detailed in the RIS procedures document:
 - save reports using naming convention; encrypt with password; request a member of the group to peer review; save on Library shared drive
- Email report as Word document and include an Appendix which provides definitions on the metrics used

Procedures

- Author impact:
 - Tools used Scopus, Web of Science, Google Scholar or Publish or Perish
 - Record measurements for the entire publishing career
 - Create citation report and record results in template
- Journal Impact
 - Journal Citation Reports (JCR), Scopus Journal Analytics, SCImago, Research Master Online
 - Add to the template ranking and impact factor
- Article impact
 - Obtain author's list of articles and conduct the search as above
 - Add article references and record total citations for each article
 - Record citation counts and source and also include subject database
- Altmetrics impact, researcher advised on ImpactStory or Plum Analytics Account

Citation count example

Web of Science (search conducted Day Month 2014)



Web of Science (all years)

h-index	21
Results found	85
Total number of citations	1575
Total number of citations without self-citations	1456
Number of citing articles	1135
Number of citing articles without self-citations	1087
Average citations per article	18.53



Scopus (search conducted Day Month 2014)

Scopus summary (1994 to 2014)

h-index	23
Results found	75
Total number of citations	2105
Number of citing articles	1548

Google Scholar (search conducted Day Month 2014)

Google Scholar summary (all years)

h-index	34
Results found	146
Total number of citations	3424
i10-index	68

Researcher feedback:



“Thank you very much indeed for your efforts in preparing my Research Impact Report. I am most grateful.” (Social Work researcher, 2014)

“Many thanks Mina – this is MOST helpful given we are into grant rounds. Much appreciated.” (Psychology researcher)

“Thanks very much for this, it will be very useful. It’s particularly useful to see all three sources of information together, as it helps in working out which one to use in applications. It’s a great service.” (Physiotherapy researcher, 2014)

Promotion of Services



Library Research Forum

- Held to celebrate International Open Access Week in October
- 2013 Forum focused on enhanced Library Research Services
- Keynote speaker and panel of interdisciplinary researchers
- What are the current prevalent issues facing researchers?
 - “Researchers are befuddled!” (Senior Podiatry Researcher)
 - Predatory publishing, Where to publish, Social media, Profiling tools
- Program built around these issues, presentations uploaded onto SlideShare and embedded into a LibGuide (slideshare.net)
- <http://latrobe.libguides.com/tweetationstocitations>

From Tweetations to Citations: Can Social Media and Open Access Enhance Traditional Publishing?

Presentations from the Library Research Forum held 25 October to celebrate International Open Access Week 2013

Last Updated: Jun 25, 2014

URL: <http://latrobe.libguides.com/tweetationstocitations>

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The Researcher Conundrum!



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Save

The Researcher Conundrum: Managing your profile, citation analysis, social media and altmetrics!

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Faculty Librarian and Team Leader (Health Sciences)
Library Research Forum 25 October 2013

latrobe.edu.au


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[From Tweetations to Citations: Social Media and the Researcher](#) from [Sharon Karasmanis](#)

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Green versus Gold Open Access



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Green v Gold Open access publishing

Simon Huggard
Digital Infrastructure Manager

International Open Access Week
Library Research Forum
25 October 2013

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Predatory Publishing



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Predatory publishing: pitfalls for the unwary!

Simon Huggard
Digital Infrastructure Manager

Sharon Karasmanis
Faculty Librarian and Team Leader (Health Sciences)

Library Research Forum, 25 October 2013

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Data Citation, Data Management



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Data Citation and Data Management

Simon Huggard s.huggard@latrobe.edu.au
Digital Infrastructure Manager

International Open Access Week
Library Research Forum 25 October 2013

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SlideShare views since October 2013

Title	Views
Predatory publishing	1,143
Data Citation Data Management	889
Tweetations to Citations	1,596
Green v Gold	3,999

Issues and reflections



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Reflections

- Made expertise more visible
- New collaborations with research project teams
- Embeds the librarian's high level expertise early into the research process. The workload is intense, turnarounds times tight and increasingly the service requires faculty librarians to work across disciplinary teams.
- Right service at right time in research workflow
- How to gauge impact of our contribution to doubling of research income?
- New Library structure – redefining our roles, emerging and more focused roles on research support!

Emerging Roles

