Libraries and the University Research Enterprise: An International Perspective

Rebecca Bryant, PhD
OCLC Research, USA
orcid.org/0000-0002-2753-3881
bryantr@oclc.org
@rebeccabryant18

Simon Huggard
La Trobe University Library, Australia
orcid.org/0000-0002-0365-112X
s.huggard@latrobe.edu.au
@simonhuggard

Anne Rauh
Syracuse University Libraries, USA
orcid.org/0000-0001-8323-2314
eaerauh@syr.edu
@AnnieRauh
OCLC: A global network of libraries

- Americas: 10,817 members in 27 countries
- EMEA: 3,734 members in 69 countries
- Asia Pacific: 1,580 members in 24 countries
OCLC Research

- Division of OCLC
- Devoted to challenges facing libraries and archives since 1978
- Community resource for shared Research and Development (R&D)
- Engagement with OCLC members and the community around shared concerns

oc.lc/rdm
oc.lc/NatlDigitalPlatform
OCLC Research Library Partnership (RLP)

• ~150 research libraries worldwide
• Facilitates collaboration, research, & sharing across member institutions & with OCLC Research
  • Working groups
  • Research reports
  • Webinars
  • Consultations & events
• [www.oclc.org/research/partnership.html](http://www.oclc.org/research/partnership.html)
Research Information Management: Defining RIM and the Library’s Role

Position paper published 10/19/17

• Rebecca Bryant, OCLC Research
• Anna Clements, University of St Andrews
• Carol Feltes, Rockefeller University
• David Groenewegen, Monash University
• Simon Huggard, La Trobe University
• Holly Mercer, University of Tennessee, Knoxville
• Roxanne Missingham, Australian National University
• Maliaca Oxnam, University of Arizona
• Anne Rauh, Syracuse University
• John Wright, University of Calgary

More information at: oc.lc/rim
• The goal of this report is to help libraries and other institutional stakeholders understand developing research information management practices—and particularly the value add that libraries can offer in this complex ecosystem.
  • It offers a definition of RIM practices and nomenclature, offering models to explain the metadata sources, uses, and institutional stakeholders.
  • It also provides examples and models of library engagement in RIM.
What is Research Information Management?

• The aggregation, curation, & utilization of metadata about research activities

  • RIMs are not:

    • Social networking platforms
    • Research Data Management
Why call it Research Information Management?

• An ecosystem, not a single system or platform
• Increasingly more than the most “current” information

• Overlapping terms:
  • CRIS (Current Research Information System)
  • RIS (Research Information System)
  • RNS (Research Networking System)
  • RPS (Research Profiling System)
  • FAR (Faculty Activity Reporting)
RIM Metadata
RIM Uses
La Trobe University (Victoria, Australia)

- Established in 1964
- More than 36,000 students (27,971 full-time equivalent)
- 20% are graduate students (6,847); 1,636 Research students
- 23% are international (8,451); 1,488 Faculty academic staff
- Main campus in Melbourne; 4 regional campuses in the state of Victoria
- $26m Library budget (AUD); $14m Information Resources budget
La Trobe University Strategic Goals and Plans

• Improve research quality and impact
• Support excellent research
• Investment in state of the art IT and e-Research infrastructure
• Improve La Trobe’s international ranking by promoting research
• Increase research quantity and quality
Initiatives and projects

Library-led research data management initiative 2015-

Digital Research Strategy 2015-2018

Enterprise Research Data Management Systems (ERDMS) Project 2016-2018

Project for Research Information Management Enablement (PRIME) 2017-2019

Projects will unify researchers’ digital presence and simplify their research workflows
Australian Research Information Management Landscape

- Government reporting
- Funder mandates
- Changing policies
- Australian Code for the Responsible Conduct of Research
RIM Uses
Case Study: La Trobe University

Research Repositories
- Research Online Repository
- Research Data Management
- Planning Tool
- My Publications

Workflow

Annual Academic Progress Reviews
Academic Workload Planning

Reuse

Profiles
Staff Profiles

External Research Assessment
External Ranking Agencies

Internal Reports
Research Performance Reporting

Awards/Grants Management
Syracuse University (Syracuse, NY, USA)

- Private research university
- In the 2015 Carnegie Classification of Institutions of Higher Education, moved from R2 to R1
- 15,000 undergraduates
- 5,000 graduate students
- Located in Central NY
Syracuse University Rim Goals

• Find Expertise
• Grow Collaboration
• Propel Research
Challenge 1: Identifying Expertise

- No systematic way to identify which faculty do what research
- No expertise database
- No way to see interdepartmental or cross-college collaborations
Challenge 2: Matching Funding

• No systematic way to align funding opportunities with researchers
• University’s other funding search mechanisms require significant researcher effort
Challenge 3: Reduce Burden

- Reduce duplicate efforts to maintain publication records and grant information across campus
- Reduce faculty time spent keeping multiple profiles up to date
- Facilitate outsiders to quickly find experts or potential collaborators
- Potential for simplifying data collection and reporting for internal and external requests
Who?

Enterprise-wide collaboration and the role of the library
Institutional Collaborators

• Opportunities to leverage through collaborations to address other institutional challenges
• Opportunities to better address local goals by understanding the problems others at the institution are trying to solve.
  • Provost & institutional research
  • Research Office
  • Campus communications
  • Library
  • Researchers!
## Syracuse University Division of Responsibilities

### Office of Research
- Understanding of research infrastructure
- Queries from HR tables for profile updates
- Master profile list maintenance
- Data hierarchy structures

### Office of Sponsored Programs
- Understanding of funding landscape
- Data feeds from Sponsored Programs
- Promote the usage of the Funding Discovery module
- Promote networking to facilitate research growth

### Libraries
- Understanding of scholarly publishing
- XML support
- Hands-on training
- Scopus expertise
- API integration of other data sources (WorldCat, Web of Science, etc.)
Libraries in Research Information Management

- Publications & Scholarship Expertise
- Training & Support
- Discoverability, Access & Reputational Support
- Stewardship of the Institutional Record
Why Libraries?
Librarian Skills
Author Disambiguation in Publications

Joan V. Dannenhoffer  
Syracuse University

John F. Dannenhoffer III  
Syracuse University

Joanne M. Dannenhoffer  
Central Michigan University

Databases see all of these people as:  
J Dannenhoffer  
JV Dannenhoffer  
JF Dannenhoffer  
JM Dannenhoffer

John F. Dannenhoffer IV  
Engineer, Pratt & Miller

Joanne V. Dannenhoffer  
M.D. May 2013

(siblings)

(siblings)

(spouses)
Information Market

- DIGITAL science
- SYMPLECTIC Elements
- Altmetric
- figshare
- ELSEVIER
- Scopus®
- Pure
- Mendeley
- Clarivate Analytics
- Web of Science
- Converis
- ENDNOTE™
Survey on Global RIM Practices

- Rebecca Bryant, OCLC Research
- Pablo de Castro, University of Strathclyde & euroCRIS
- Anna Clements, University of St Andrews & euroCRIS
- Jan Fransen, University of Minnesota, Twin Cities
- Constance Malpas, OCLC Research
- Michele Mennielli, DuraSpace & euroCRIS
- Rachael Samberg, University of California, Berkeley

More information at: oc.lc/rim
What?

Processes, systems, interoperability & scope

• System(s) in use & when implemented
• Interoperability with internal & external systems
• Sources of publications metadata
• Use of persistent identifiers & vocabularies
• Which campus populations are included in the RIM?
• All disciplines?
• How many researchers are included?
Who?

Stakeholders & collaborators

- Who are the institutional stakeholders involved in RIM adoption?
- What’s the specific role of the library?
- Staff resources?
- Outreach & education activities?
- Measures of success?
Who Should Participate?

• Universities, research institutes, and other organizations supporting research and research management

• Institutions should participate regardless of the status of RIM implementation
  • In production
  • In process of implementation
  • Exploring RIM options

• Only one survey per institution
Survey Timeline

• Survey launched October 18
  • Spanish language coming November, thanks to CONCYTEC
  • Closes mid-January

• Survey results will be published in 2018 as an OCLC Research report and made openly available to the community.

• Survey data will be published CC-BY

More information at: oc.lc/rim
Questions?

Rebecca Bryant, PhD
OCLC Research, USA
orcid.org/0000-0002-2753-3881
bryantr@oclc.org
@rebeccabryant18

Simon Huggard
La Trobe University Library, Australia
orcid.org/0000-0002-0365-112X
s.huggard@latrobe.edu.au
@simonhuggard

Anne Rauh
Syracuse University Libraries, USA
orcid.org/0000-0001-8323-2314
aerauh@syr.edu
@AnnieRauh