



Research Information Management

The Emergence of Research Information Management (RIM) within US Libraries & Implications for Institutional Research

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WHAT IS RESEARCH INFORMATION MANAGEMENT?

RIM is the aggregation, curation & utilization of metadata about research activities

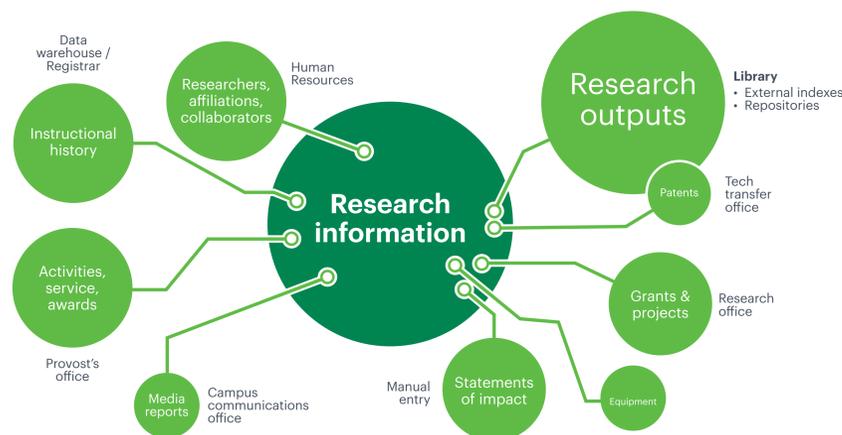
RIM systems enable institutions to connect the information in siloed internal systems and to combine it with external information, such as information from publications aggregators, providing a richer glimpse of the research activity for an institution and its components.

Today research information management efforts seek to aggregate and connect a growing diversity of research outputs that encompass more than grants administration, and significantly for libraries, includes the collection of publications information. In addition, both universities and funding agencies have an interest in reliably connecting grants with resulting publications—as well as to researchers and their institutional affiliations.

Overlapping terms:

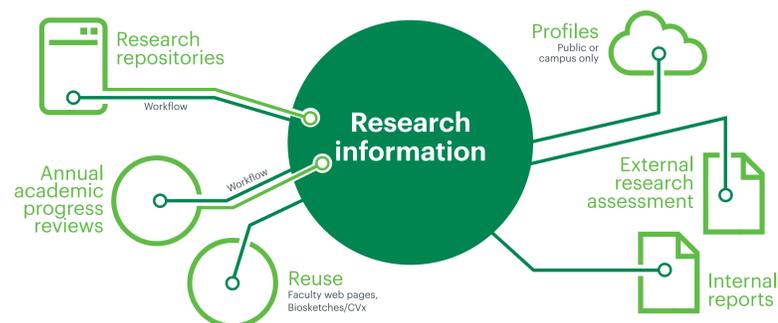
- CRIS (Current Research Information System)
- RNS (Research Networking System)
- RPS (Research Profiling System)
- FAR (Faculty Activity Reporting)

RIMs ≠ independent researcher profile systems like Research Gate or Academia.edu.



How is RIM information being used?

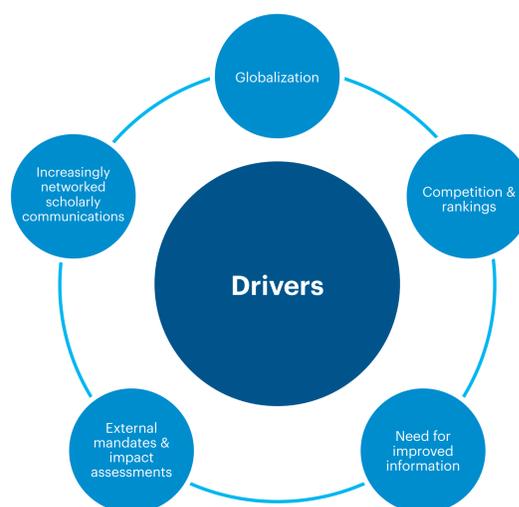
Universities may use and reuse research information in many ways, such as publicly displaying faculty profiles to enable expertise discovery or organizing information for internal and external reporting functions.



WHAT IS DRIVING RIM ADOPTION?

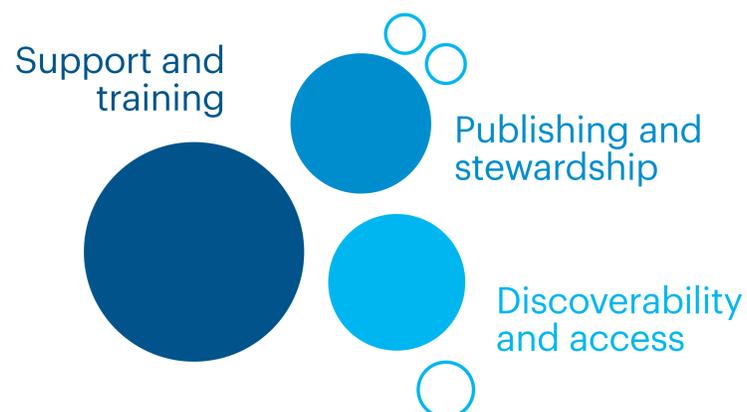
Not long ago the process for collecting the scholarly publications produced by a campus's researchers would have been a manual process and prohibitively expensive. Institutions relied instead upon proxies of research productivity to demonstrate research strengths—such as numbers of PhDs awarded or total dollars received in federal research grants.

Recent advances in scholarly communications technology and networked information offer opportunities for institutions to collect and track scholarly output. Journal publication indexes, RIM platforms, and the adoption of globally-accepted persistent identifiers (PIDs) like DOIs for digital publications and datasets and ORCID identifiers for researchers provide essential resources for reliable disambiguation. These PIDs are being rapidly incorporated into scholarly publishing workflows and support networked interoperability.



The role of libraries in RIM

Libraries are playing an increasing role in RIM management worldwide, particularly as institutions use RIM to not only for awards management and compliance functions, but also to support expertise discovery and open access publishing.



CURRENT RESEARCH PROJECTS

Survey on global RIM/CRIS practices

- Being developed by OCLC Research and EuroCRIS
- Research report expected in 2018

WORKING GROUP MEMBERS

- 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
- Julie Speer, Virginia Tech University

Introduction to RIM for libraries and university administrators

- Research report in fall 2017

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- Rebecca Bryant, OCLC Research
- Anna Clements, University of St Andrews & EuroCRIS
- 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

Incentives to Interoperability: adoption and integration of persistent identifiers in European research infrastructures

- Collaborative research effort between OCLC Research and LIBER (Association of European Research Libraries), report expected Fall 2017
- Investigates the adoption and integration of persistent identifiers (PIDs) in European research information management infrastructures, documenting emerging practices at institutional, group, and national scales.

ABOUT OCLC RESEARCH

OCLC is a nonprofit global library cooperative providing shared technology services, original research and community programs so that libraries can better fuel learning, research and innovation. Through OCLC, member libraries cooperatively produce and maintain WorldCat, the most comprehensive global network of data about library collections and services. Libraries gain efficiencies through OCLC's WorldShare, a complete set of library management applications and services built on an open, cloud-based platform.

OCLC Research is one of the world's leading centers devoted exclusively to the challenges facing libraries and archives in a rapidly changing information technology environment. Our mission is to expand knowledge that advances OCLC's public purposes of advancing libraries and librarianship. Since 1978, we have carried out research and made technological advances that enhance the value of library services and improve the productivity of librarians and library users.

CONTACT INFORMATION

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