Expanding the Role of the University Library

Ex Libris Research Services

LIBER 2017  ♦  Patras, Greece ♦  Tamar Sadeh, PhD ♦  Directory of Strategy
The Evolving Role of Libraries

- Integrated workflows
- Enhanced productivity
- Budget optimization
- Advanced analytics
The Evolving Role of Libraries

- Advanced library services
- Integration with campus systems
- Superior user experience
- Mobile
The Evolving Role of Libraries

- Enhanced partnership for resource lists creation & fulfilment, with library scaling up to support all courses
- Copyrights automation
The Evolving Role of Libraries

- New findings and insights via exploration
- Data management and preservation
- Research support
The Evolving Role of Libraries

- Demonstrate measurable value
- Support institutional goals, e.g., teaching and research excellence and student engagement
Next-Gen Library Services Framework

- Work more efficiently
- Focus on areas of value
- Drive new services

A shift to become a strategic partner
Research Support is a Key Library Goal

Every academic library is focused on research support, a key goal of libraries in higher education. In the digital age, the ACRL Research Planning and Review Committee (RPRC) conducted an annual survey to identify and classify the latest trends in research support. Their 2016 Top Trends in Academic Libraries report highlights the continued importance of research data services (RDS).

**Research data services (RDS)**

The latest survey of U.S. and Canadian college and research libraries reports that the number of libraries offering research data services has remained flat. This is somewhat unexpected, based on responses to the survey conducted by David Fearon in which nearly a quarter of respondents indicated plans to offer a range of data services. The survey also noted, however, that libraries are moving beyond their traditional offering of research support by offering informational and consultative services that align with existing liaison and reference roles, far fewer are offering technical services.

http://crln.acrl.org/index.php/crlnews/article/view/9505/10798#b4-0770274
NMC Horizon Report > 2017 Library Edition

What is on the five-year horizon for academic and research libraries? Which trends and technology developments will drive transformation? What are the critical challenges and how can we strategize solutions? These questions regarding technology adoption and educational change steered the discussions of 77 experts to produce the *NMC Horizon Report: 2017 Library Edition*, in partnership with the University of Applied Sciences (HTW) Chur, Technische Informationsbibliothek (TIB), ETH Library, and the Association of College & Research Libraries (ACRL). Six key trends, six significant challenges, and six developments in technology profiled in this report are poised to impact library strategies, operations, and services with regards to learning, creative inquiry, research, and information management. The three sections of this report constitute a reference and technology planning guide for librarians, library leaders, library staff, policymakers, and technologists. View the work that produced the report on the [project wiki](http://www.nmc.org/publication/nmc-horizon-report-2017-library-edition/).

> Download the report (PDF)
Research Support is a Key Library Goal

NMC Horizon Report > 2017 Library Edition at a Glance
Trends Accelerating Technology Adoption in Academic and Research Libraries

- **Short-Term**
  - Driving technology adoption in academic and research libraries over the next one to two years
  - Research Data Management
  - Valuing the User Experience

- **Mid-Term**
  - Driving technology adoption in academic and research libraries over the next three to five years
  - Patrons as Creators
  - Rethinking Library Spaces

- **Long-Term**
  - Driving technology adoption in academic and research libraries for five or more years
  - Cross-Institution Collaboration
  - Evolving Nature of the Scholarly Record

Research Data Management is Complicated

A table summarizing the Federal public access policies resulting from the US Office of Science and Technology Policy memorandum of February 2013


Overview of OSTP Responses

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[Table images]

Last Updated: October 18, 2016

The Research Process

Planning  Outreach  Assessment
Evidence  Publication  Recognition
Analysis  Writing
Mandates and policies around openness and re-use of funded research require **sustainable and systematic data management**.

Growing competition for funding and prestige drive the need for better **visibility and recognition** of research achievements at both the individual researcher and the university levels.

**The institution’s goal:**

**Improve compliance, visibility, and impact**
Current Challenges

- Poor or lack of integration
- Complicated processes; uncertain compliance
- Limited workflow control
- Lack of consistent analytics and visibility across stages
- Difficult to scale up
- Lack of long-term ownership and sustainability
The vision: leverage library skills and technology to offer new research-supporting services in close collaboration with institutional research stakeholders
The Ex Libris Research Services

A collaborative, cloud-based system that aggregates data from multiple systems, manages it, and provides visibility to research data and outputs
Alma as a platform

Next-gen Library Services (Alma)
Teaching and Learning Services (Leganto)
Research Services
The Ex Libris Research Services Solution

- Institutional Repository
- Research Data Repositories
- Specialized Repositories
- Primo & Summon indexes; PQDT
- Publications
- Research Data
- System of records
- Grants
- HR
- Projects
- Publication Lists
The Ex Libris Research Services Solution

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Publications

Research Data

System of records

Grants
- HR
- Projects
- Publication Lists
The Ex Libris Research Services Solution

Data unification and enrichment
Metadata curation
Workflow engine
Analytics
Reports

• Reduce number of point solutions; reduce TCO
• Increase organizational adherence to compliance
• Create visibility to research outputs and link them to research data
Summing up: Here is what we are going to build

• A unified solution to manage research records
• Cloud, software-as-a-service
• Handles all research outputs, relying on automated aggregations and researcher deposits
• Tailored and sustainable workflows
• Strong compliance and visibility support
• Integration with existing research processes, transparent to the researcher
Steps and Timeline

What we’ve done so far:
• Study and research
• 30+ discussions with diverse academic research libraries (US, EU, ANZ)
• 4 development partnership agreements signed (US, UK)

Next steps:
• Launch development partnership program (Jul 2017)
• Gather requirements, define scope, and build the conceptual design
• Develop functionality in an agile mode; provide early releases to partners for testing throughout 2018
• Implement at partners’ sites by end-2018
• Offer an early-adopter program in 2018
THANK YOU

Tamar Sadeh, PhD
Director of Strategy
tamar.sadeh@exlibrisgroup.com