Research 3.0: Libraries, Scholarly Communications, and Research Services

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Framework for Action

• **Rationale:** Researchers are central to this effort
• **Context:** organization, institution, region, national
• **Alignment:** evolving scholarship; institutional strategy; regulatory compliance;
• **Translational activities:**
  – Services & infrastructure
  – Communities of practice
  – Best practices & standards
  – Challenges, rewards, new roles
Institutional Context

• Research-intensive institution values sustained access to research output
• Compliance with funding mandates
• Reproducibility
The University of Illinois at Urbana-Champaign

Founded 1867

Land Grant Institution

One of three campuses

Barbara Wilson, Chancellor

“A pre-eminent public research university with a land grant mission and a global impact”

~ 2013-2016 Campus Strategic Plan
Illinois, by the Numbers

32,294 undergraduate

11,104 graduates

2,765 faculty

From all 50 states & 125+ countries

1,848 TENURE TRACK, 872 VISITING FACULTY & INSTRUCTIONAL STAFF

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 Colleges</td>
<td>$349 million R&amp;D 2013</td>
</tr>
<tr>
<td>150+ programs of study</td>
<td>~6,500 articles published, 2013</td>
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<tr>
<td>Collections &amp; Technical Services</td>
<td>Research</td>
</tr>
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<td>-------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
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<tr>
<td>Collection development and management programs, services, and policies,</td>
<td>Research programs and policies</td>
</tr>
<tr>
<td>Acquisitions &amp; licensing</td>
<td>Specific research focus areas: GIS, visual resources, data services,</td>
</tr>
<tr>
<td></td>
<td>HathiTrust Research Center</td>
</tr>
<tr>
<td>Collections access and discovery, including cataloging and metadata operations</td>
<td>Scholarly communications and publishing</td>
</tr>
<tr>
<td>Digitization &amp; reformatting</td>
<td>Copyright and intellectual property programs</td>
</tr>
<tr>
<td>Preservation and conservation</td>
<td>Research data services and curation</td>
</tr>
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<td></td>
<td>Research information and analytics</td>
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<tr>
<td></td>
<td>Research support and grants</td>
</tr>
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2014: where we were
Library Administrative Re-structuring

• Growing focus on digital scholarship, scholarly communications, research curation

• Library Office of Research established to focus on research and partnerships an increasingly digital landscape.

• Rapid growth with support from the Office of the Vice Chancellor for Research
University Library
Framework for Strategic Action, 2015-2018

• Strengthen the campus infrastructure to support scholarship & innovation
  a. Systematize procedures for developing cross-functional library teams to support campus research groups.
  b. Develop and implement an information architecture for faculty profile sharing.
  c. Expand research data services and accompanying education initiatives, focus on data curation, use, and dissemination.
  d. Develop a systematic program of services and tools that supports the full life cycle of scholarship communications.
  e. Support student and faculty access to and experimentation with new and innovative tools of scholarship.
Alignment: New Library Services for a Research-Intensive Campus

• Help scholars create, manage, use, and publish research information.
• Train in digital scholarship technologies and methods
• Disseminate best practices in scholarly communications and research.
• Build research-focused partnerships with scholars, colleges, departments, and centers
Office of Research Program Areas

Scholarly Commons

- Research Support Services
- Scholarly Communications & Publishing
- Research Data Service
- Researcher Information Systems
Research support services are a new service category

- By situating these services together and facilitating regular conversations among project leaders, we hope to take advantage of synergies
- Supported by library and through numerous partnerships on campus
- Communication to internal audiences is challenging
Scholarly Commons

• Public digital research center space
• Facilitates access to research infrastructure, including technology enriched tools for faculty, researchers, and graduate, and undergraduate students
• Develops and delivers user-facing education, training, consultation and other services related to:
  – data use
  – geospatial information
  – visualization
  – digital humanities
  – digitization
  – scholarly communications
  – usability
  – research data
  – copyright
• Collaborates with Library staff and campus partners to offer public events and training related to areas of service
• [www.library.illinois.edu/sc/](http://www.library.illinois.edu/sc/)
Research Data Service

Goals:

• Improve data management
• Encourage better research
• Provide research data management & curation services
• Help researchers comply with agency requirements
• Research data bank (repository)
• researchdataservice.illinois.edu/
Illinois Research Data Service (RDS)

Provide the Illinois research community with the expertise, tools, and infrastructure necessary to manage and steward research data.
Research Information Management Systems

• Showcase Illinois research to external stakeholders, industry partners, and collaborators at other academic institutions

• Connect researchers with potential collaborators, and encourage interdisciplinary research
  – Researcher profiles
  – ORCID identifiers
Project highlights

• Collaborative initiative between library and Vice Chancellor for Research
• Using the Elsevier Pure® platform for research information management
• Comprehensive
  – Up to 2,500 faculty & researcher profiles
  – Inclusion of all HR appointments for each included researcher
• Interdisciplinary
  – Will include all disciplines, academic colleges and departments at Illinois
  – It will also include research-oriented centers and institutes
• Launched in beta in late 2015
• go.illinois.edu/IRC
Scholarly Communications and Publishing: 

*Library as partner in scholarly communications, publishing, copyright*

- In early development
- Scholarly publishing services and support
- Repository services to support the deposit, publication, and sustained access to scholarly output (existing) [www.ideals.illinois.edu](http://www.ideals.illinois.edu)
- Copyright, intellectual property, fair use, author’s rights, open access
WHAT DO YOU MEAN?

THE LIBRARY DOES THAT?!
Developing strategic communications

- Vice Chancellor for Research
- Graduate College
- Provost
- Office of undergraduate research
- Colleges—research associate deans

- Consistent messaging about offerings
- Outreach to early career researchers
10 things savvy researchers and scholars know
Thank you & Questions

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