The Realities of Research Data Management at the University of Illinois at Urbana-Champaign

Heidi Imker, PhD
Director, Research Data Service
Context of RDM at Illinois

Illinois Researchers

Librarian Colleagues

Campus Colleagues

Research Data Service (RDS) Core

Library Administration

Vice Chancellor of Research
The Research Data Service (RDS) Core

Who we are ...

- 1 Director
- 2 Data Curators/Specialists
- 1 Repository Developer

What we do ...

- **Know** data policies, resources, and best practices
- **Consult** on data management planning and implementation
- **Review** Data Management Plans
- **Teach** data management, documentation and data publishing
- **Publish** research data in the Illinois Data Bank
Roles

Leader

Coordinator

Supporter
# Examples of Library-RDS Integration

<table>
<thead>
<tr>
<th>Example</th>
<th>University Archives</th>
<th>Digital Preservation</th>
<th>Subject Specialty</th>
<th>Metadata Specialty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Illinois Data Bank Metadata</strong></td>
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<tr>
<td>- Ayla Stein</td>
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<td>- RDS Core Elise Dunham, Colleen Fallaw</td>
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<td><strong>Legacy Database Rescue</strong></td>
<td>x</td>
<td>x</td>
<td>x</td>
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<td>- Bethany Anderson, Tracy Popp, Susan Braxton</td>
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<td>- RDS Core Heidi Imker</td>
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<td><strong>Preservation Review Guidelines in Practice</strong></td>
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<td>x</td>
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<td>- Susan Braxton, Kyle Rimkus, Bethany Anderson</td>
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<td><strong>Domain Classification in the Illinois Data Bank</strong></td>
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<td>- RDS Core Hoa Luong, Colleen Fallaw, Ashley Hetrick</td>
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Examples of Subject Area-RDS Integration

1. Engineering
   Christie Wiley

2. Biosciences
   Kelli Trei

3. Middle Eastern Studies
   Laila Houssein

4. Natural Resources
   Susan Braxton


1: Workshops for Research Groups in Engineering

Christie Wiley (Physical Sciences & Engineering)
- familiarity with domain, robust outreach into the department

RDS
- created presentation templates where disciplinary context can be layered in (e.g. relevant data types, journal policies, etc.)

The RDS helps Christie by providing initial materials and being a back-up resource. Christie helps the RDS scale and provide the most relevant material to researchers.
Kelli Trei (Biosciences)

- familiarity with domain, past experience as an industry scientist

RDS

- lead DMP creation process and formulate an implementation plan that involved Kelli and the RDS in a helpful and realistic way

The RDS helps Kelli by coordinating the DMP process and enable stronger relationships with her units

Kelli helps the RDS scale and provides patent and domain experience which expands our knowledge
3 : Seeding in Middle East & North Africa Studies

Laila Houssein (Middle East and North Africa Studies)

- familiarity with domain, curious and forward-thinking

RDS

- encourages the data-friendly to participate in RDS committees and activities

The RDS helps Laila learn about data practices and uses in other disciplines

Laila helps the RDS scale and provides new perspectives and ideas
Susan Braxton (Prairie Research Institute)

- familiarity with domain, robust understanding of data practices and challenges within units

RDS

- development, operation and curation for the Illinois Data Bank, including policies, workflows, and guidelines

The RDS helps Susan inform the unit’s data management policies/best practices

Susan helps the RDS scale and is a constant source of insight and support
Beyond Illinois

Data Curation Network

Aims to develop the “human layer” in local data repository stacks through

- expert services
- incentives for collaboration
- normalized curation practices
- professional development

http://datacurationnetwork.org
Thank you.

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thenounproject.com supporter