

## Office of Research Annual Report FY15

### I. Unit Narrative

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#### 1. Major activities and accomplishments of the unit (July 1, 2014 – June 30, 2015):

The Office of Research was established in January 2015 as part of the Library's administrative re-structuring plan, developed, vetted, and approved in late 2014. That proposal articulated several areas of focus, including Collections and Technical Services; Information Technology; Research; and User Services, championing close collaboration across these four areas at all levels of the organization, as well as clear reporting responsibilities. The establishment of a focus on research signals the Library's expanding partnerships with individual scholars and the campus in ways that anticipate and support the research and scholarly communications lifecycle using scholarly content, and data in diverse formats.

The Library's Research program is being developed with broad participation, including Library faculty and staff, faculty, students, researchers, and the campus, using essential building blocks that demonstrate the dynamic nature of research today, and the resulting scholarship. As the Library develops the Research program, a key point of focus is the researcher who is engaged in the research lifecycle—the process of inquiry, the production of new or re-purposed knowledge, the publishing and dissemination of the results and the data itself, and the management, curation, and long-term access to the output of the research.

Drafted a program statement in November 2014 that projected goals and staffing for the Office of Research (reviewed and approved by the University Librarian and Executive Committee - <http://www.library.illinois.edu/committee/exec/ExecutiveCommitteeMeetings2014-2015>).

Working together the Office of Research faculty and staff developed an overall mission and program statement that articulates the specific areas of focus for the Office (Appendix A); reviewed and approved by the University Librarian and Executive Committee).

Developed the foundation for a cohesive communication and outreach plan, working from Rebecca Bryant's ingenious idea to focus on "ten things a Savvy Researcher knows about research" (Appendix B).

The Research Data Service (RDS), working with the Research Data Committee and the Repository Management Team, implemented the EZid DOI (digital object identifier) service that enables Urbana campus researchers to obtain unique identifiers for the publication and sharing of research datasets.

Research services provided one-on-one consultations for nearly 60 Library faculty and academic professionals in support of individual research activities.

Research Information Systems successfully piloted and began implementation of the Illinois Research Connections researcher profile database using the Elsevier Pure service

The Library appointed Visiting Digital Humanities Specialist Eleanor Dickson to support the Library's training and instruction in text data mining tools through the HathiTrust Research Center (HTRC)

*2. Major challenges faced by the unit during that period:*

The biggest challenges for the Office of Research during FY15 were hiring staff and faculty, and articulating the mission and organization for this new set of programs in the University Library.

*3. Significant changes to unit operations, personnel, service profile or program:*

The Office of Research has devoted substantial energy in FY15, as it will in FY16, to hiring and appointing staff and faculty in support of the Library's research-intensive programs and services. The January 2015 loss of Sarah Shreeves, Co-Coordinator for the Scholarly Commons and Coordinator for the IDEALS Repository and Scholarly Communications, required some creative adjustment in programs during the transition of the Scholarly Commons from RRSS to the Office of Research. The new team worked out an effective plan for temporarily distributing these responsibilities, which included Merinda Hensley continuing in the role of Co-Coordinator and Karen Hogenboom assuming a Co-Coordinator role for the Scholarly Commons. Merinda assumed additional responsibility for working with the Graduate College on the ingest of theses and dissertations into the IDEALS repository, and Karen took on responsibility for working with IDEALS communities and the ongoing ingest of scholarly content. Oversight for the metadata and ingest/deposit process was successfully transitioned to Ayla Stein, Metadata Librarian in CAM. Dan Tracy stepped forward to spearhead copyright consultations and instruction, working collaboratively with others in the Library. Merinda continued to partner with the Office of Undergraduate Research and several units on the publication of undergraduate research journals using a locally-supported instance of the open source Open Journal System (OJS), produced by PKP (the Public Knowledge Project, based at Simon Fraser University). The current staffing complement is listed below, with recently-appointed people highlighted in "blue" and searches under way highlighted in "red:"

- **Researcher Information Systems Manager**, Visiting (R. Bryant appointed 12/01/2014, with search under way 8/2015 to appoint permanent Coordinator).
- **Repository Services Coordinator** (search under way 9/2015)
- **Head, Scholarly Commons** (K. Hogenboom appointed 8/2015)
  - **Admin support (Ac. Hrly.)**
  - Instructional Services (M. Hensley, Co-Coordinator)
  - Numeric & Spatial Data Svcs. Librarian (distributed responsibilities)
    - GIS Specialist (J. Whitacre)
  - **Vis. Digital Humanities Specialist** (E. Dickson AP, June 1, 2015) reports to H. Green
  - HTRC Postdoc / Scholarly commons (w/GSLIS, S. Bhattacharyya)
- Research Data Service (**Director, H. Imker—May 2014**)
  - **Curators** (E. Dunham, E. Wickes; May 2015)
  - **Research Programmer** (C. Fallaw; April 2015)
  - **Postdoc** (Q. Zhang, 8/2015)

- Scholarly Comm. & Publishing
  - [Head of Scholarly Communications & Publishing \(A. McCollough, 8/2015\)](#)
  - [Copyright Librarian \(search under way\)](#)
  - [Vis. Digital publishing specialist \(search approved 8/2015\)](#)
  - [Research programmer \(search approved 8/2015\)](#)
- Research Services (D. Tracy, .5 FTE, Visiting )

4. *Ways in which the unit and/or its members contributed to Library-wide programs:*

The Scholarly Commons provided 1,321 consultations, 69 which were at READ scale 5 or 6 in complexity.

The Savvy Researcher workshop series offered 54 different titles and 143 sessions for 1920 attendees in FY2015.

GIS Specialist James Whitacre collaborated with a faculty member in the Geography and GIS Department to provide 7 Web and GIS instruction sessions.

The Scholarly Commons sponsored several additional campus events, including a day-long campus-wide Digital Humanities Symposium, organized by Harriett Green, with keynote speaker Jennifer Giuliano, with over 75 attendees; a brown-bag session by historian John Randolph on GIS and digital humanities research; a brown bag session about machine learning facilitated by Andy Pilney from the Communications Department (16 graduate students and faculty); and a brownbag on “alt-academic” careers (Jennifer Guiliano, IUPUI, around 40 attendees).

The second annual Library Research Showcase had over 120 visitors in person, and the archived posters and recorded lightning talks have received over 900 downloads from IDEALS to date. (Research Services and the Library Research and Publication Cttee.)

Research Services provided 58 one-on-one consultations with Library faculty regarding their research, and has facilitated the formation of five writing support groups with a total of 21 members from the Library faculty.

Research Services also organized numerous opportunities for Library faculty and Academic Professionals to learn and enhance their knowledge and use of research methods:

- The concluding session of a series of workshops on statistical concepts. Led by JoAnn Jacoby on July 10, 2014. 18 participants.
- Workshop on IRB applications and processes. Led by Dan Tracy on July 24, 2014. 6 participants.
- Nine webinars on Research Methods and Questions, Research Writing, and Survey Development, and Fair Use. Sponsored by Association for Library Collections and Technical Services, the Illinois Survey Research Lab in Spring 2015, and ACRL. 33 participants total.
- Two LIS Methods Roundtables (one on Ethnographic and Observational Methods; one on Transaction Logs and Other Usage Data). Led by Dan Tracy with panelists from

University Library and GSLIS faculty on February 4, 2015 and April 14, 2015. 26 participants total.

- Workshop on using GIS for research in Library and Information Science. Led by James Whitacre on June 22, 2015. 15 participants.

Through Savvy Researcher workshops, and presentations across campus, the Research Data Service provided outreach to over 600 Illinois faculty, staff, and students.

The RDS debuted a Wordpress website (<http://researchdataservice.illinois.edu/>) and informational flier .

The Recognizing Excellence blog (<http://publish.illinois.edu/library-excellence/>) promotes research and service achievements (Research Services).

*5. Progress made on Unit Annual Goals for FY14 (as enumerated in the FY13 Unit Annual Report):*

Most of the programs in the Office of Research are new within the past year; thus they did not develop FY15 goals or analyze progress toward them during the past year. The Scholarly Commons, which was previously part of the Reference, Research and Scholarly Services (RRSS) unit, provides a thoughtful analysis of the FY14 goals that were previously intertwined with those of RRSS, seeking to provide public-facing research-focused services that complement those of the new RIS, and that support those of specialized unit libraries.

*6. Unit Goals for FY16:*

*Overall:*

- Develop and implement a communications plan for audiences such as faculty, postdoc's, graduate students and undergraduate students who are focusing on research activities that are supported not only by the Office of Research, but across the Library, through services, collections, and subject and functional expertise. Faculty and staff in the Office of Research are working from a straightforward rubric titled "Ten things a savvy researcher knows about doing research." Collaboration with subject specialists as well as units with similar mission will be a vital part of this plan, including RIS, the UGL Media Commons, and the Grainger Engineering Library Design Center. (All)
- As part of the overall Office of Research communication plan, collaborate with the AUL for User Services and Library Advancement on the Library Tip of the Month email messages to new faculty. (All)
- Extend Office of Research outreach activities to partner with campus units in innovative ways, including IPRH, the OVCR and campus research institutes, NCSA, Tech Services (campus) and CITL.

*Scholarly Commons:*

- Move forward with planning a move to Main Library 220 after CAM vacates the space toward the end of FY2016 (Scholarly Commons).
- Complete current planning process for programmatic partnerships with CITL, implement

plans, and include space implications of these programmatic partnerships in planning for Main Library 220 (Scholarly Commons).

- Incorporate all Scholarly Commons Leads and related services more robustly into Scholarly Commons planning and services, and develop mutual understanding of what it means for the Scholarly Commons to be the “public-facing” aspect of each service (Scholarly Commons).
- Host one major event with an external speaker; hold an open house during Fall 2015; pursue hosting Year of Cyberinfrastructure website re: campus resources for research (Scholarly Commons).

#### *Research Data Service:*

- Closely monitor evolving data policies from agencies and publishers and inform the Illinois research community of the policy impacts on funding and publication.<sup>3</sup>
- Expand discipline coverage and increase campus participation in basic data management training and consultation for improved research efficiency.
- Cultivate a knowledgeable community to enable expert service on management, curation,

#### *Illinois Research Connections:*

- Work with Elsevier to implement a revised version of the Pure user interface, which is scheduled for late September 2015.
- Continue communications, outreach and training with faculty, researchers, postdocs, and graduate students, as well as external-facing campus units such as corporate affairs in Spring 2016.
- Determine how to automatically add research grants and patents information that is currently collected in existing campus sources.
- Complete the first annual update of profiled experts on the Urbana campus.
- Continue to pursue the local effort to derive monograph and chapter citations from OCLC WorldCat and import these records into the IRC database.
- Continue working with Elsevier to improve portal elements and functionality.
- Evaluate the potential for campus use of automatically updated data from IRC.
- Share our experience through conference presentations and publications.
- Integrate IRC and other campus systems with ORCID through CIC consortial license.

#### *Research Services:*

- Identify and offer in-depth training related to analysis of qualitative data, particularly coding of textual data.
- Identify a way to update the record of scholarship by library faculty using IRC data.

For units employing Graduate Assistants (GAs), the Unit Narrative should also include the following:

1. the number of GAs (FTE and Head Count) employed during FY15;
2. GRADUATE ASSISTANTS:

Scholarly Commons:

Brian Zelig - June 1, 2013-May 15, 2015 [grad hourly during the summer months] (.5 FTE)

Kayla Hays - December 16, 2013-May 15, 2015 [grad hourly during the summer months] (.5 FTE)

Anna Trammel - August 16-December 1, 2014 [not replaced] .5 FTE

RIS: Alex Budz, Aug. 2014 – Aug. 2015--.5 FTE

RDS: William Pooler, Aug. 2014 – May 2015--.5 FTE

STUDENT ASSISTANTS: not applicable

the funding source for the unit's GAs : state funds

the major responsibilities assigned to the GAs in the unit, and an overview of the contributions made (or projects completed) by GAs during the fiscal year. ***Detail provided in specific unit reports***

This section of the Unit Narrative may draw from the information provided by the GA supervisor to Library Human Resources in accordance with the Library policy on Graduate Assistant Performance Evaluation, and fulfills the unit annual reporting requirement outlined in that policy

<[http://www.library.illinois.edu/administration/services/policies/GA\\_Evaluati  
on.html](http://www.library.illinois.edu/administration/services/policies/GA_Evaluati<br/>on.html)>.

## **II Statistical Profile**

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### **1. Facilities**

Scholarly Commons (Main Library 306 and 316)

13 seats at tables

12 seats at public workstations (including bookeye scanner)

6 seats across from public workstations for collaborators

7 seats at soft seating

- Number of hours open to the public per week (if applicable)
  - Summer II 2014
  - Fall 2014: 11 a.m. – 7 p.m. M-Th; Fri. 11 a.m. – 5 p.m.
  - Spring 2015: 11 a.m. – 7 p.m. M–Th; Fri. 11 a.m. – 5 p.m.
  - Summer I 2015: 11 a.m. – 5 p.m. M-Th; Fri. 11 a.m. – 5 p.m.

### **2. Personnel**

- Researcher Information Systems Manager, 1 FTE Academic Professional; Visiting (R. Bryant appointed 12/01/2014, with search under way 8/2015 to appoint permanent Coordinator.
- Repository Services Coordinator 1 FTE Academic Professional (search under way 9/2015)
- Head, Scholarly Commons 1 FTE Faculty(K. Hogenboom appointed 8/2015)
  - Admin support (Ac. Hrly.)
  - Instructional Services 1 FTE Faculty (M. Hensley, Co-Coordinator)
  - Numeric & Spatial Data Svcs. Librarian (distributed responsibilities)
    - GIS Specialist 1 FTE Academic Professional (J. Whitacre)
  - Vis. Digital Humanities Specialist 1 FTE Academic Professional (E. Dickson AP, June 1, 2015) reports to H. Green
  - HTRC Postdoc / Scholarly commons 1 FTE Postdoc (w/GSLIS, S. Bhattacharyya)
- Research Data Service 1 FTE Faculty (Director, H. Imker—May 2014)
  - Curators 2 FTE Academic Professional(E. Dunham, E. Wickes; May 2015)
  - Research Programmer 1 FTE Academic Professional (C. Fallaw; April 2015)

- CLIR Postdoc 1 FTE Postdoc (Q. Zhang, 8/2015)
- Scholarly Comm. & Publishing
  - Head of Scholarly Communications & Publishing 1 FTE Faculty (A. McCollough, 8/2015)
  - Copyright Librarian 1 FTE Faculty (search under way)
  - Vis. Digital publishing specialist 1 FTE Academic Professional (search approved 8/2015)
  - Research programmer 1 FTE Academic Professional (search approved 8/2015)
- Research Services .5 FTE Faculty (D. Tracy, .5 FTE, Visiting )
- Specify the amount of the unit's FY15 Student Assistant wage budget and Student Assistant FTE. **Not Applicable**

### 3. User Services

Most of the following data has been generated by the Office of User Services and will be available at G:\StatsForAnnualReport2015.

- Gate Count: 2,112 (extrapolated from Sweeps Week) –Scholarly Commons
- Circulation: not applicable
- Reference interactions: 1321
  - 1002 READ level 1 and 2
  - 69 READ level 5 and 6
- Presentations (from the Instructional Statistics database): 189

### 4. Other statistics (optional) **Not Applicable**

## III Appendices (optional)

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**Appendix A**  
**The University of Illinois Library**  
**Office of Research**  
**Programs, Services, and Partnerships**

28 April 2015

**Mission statement:**

The Office of Research works in partnership with the Library and the campus to create, manage, use, and publish research information. It is a leader, both on campus and nationally, in instruction and in sharing best practices in scholarly communications and research. It builds community through research-focused programs and partnerships with scholars, colleges, departments, and other units on campus.

**I. Research Program Areas:**

- **Scholarly Commons:** Library as host and service provider for scholarly endeavors on campus:
  - Provides public space and assists with marketing and promotion Office of Research as well as other campus-facing Library services
  - Facilitates access to research infrastructure, including technology enriched space and tools for faculty, researchers, and graduate, and undergraduate students to pursue research.
  - Develops and delivers user-facing education, training, consultation and other services related to: Copyright, data use, research data services, geospatial information, visualization, digital humanities, digitization, scholarly communications, and usability
  - Collaborates with Library staff and campus partners to offer public events and training related to areas of service
- **Research Data Service:** Library as partner with campus in support of research data management, publishing, and long-term access.
  - Research data management & curation services
  - Data expert network
  - Research data bank
- **Scholarly Communications and Publishing:** Library as partner with researchers in scholarly communications, publishing, copyright, and research analytics endeavors.
  - Repository services to support the deposit and sustained access to scholarly output into appropriate repositories;
  - Researcher information systems, analytics, & identifier services
  - Scholarly publishing services and support
  - Copyright, intellectual property, fair use, author's rights
- **Research Support Services:** Facilitate and support Library faculty- and professionally-driven research and innovation
  - Develop, catalyze, enrich, and publicize promising areas of LIS research
  - Assistance with outreach, team-building, project coordination, and management of multi-investigator grants
  - Identification of partners that strengthen focus areas

- Recommend initial investments
- Education/mentoring & grant writing support, providing educational opportunities, mentoring, and staff support for:
  - Developing LIS research opportunities
  - Securing funding
  - Research methods
  - Research writing and publication

## II. Strategic Engagement—in the Library, the University, and beyond

### *Library:*

CAPT  
 User Education Committee  
 Collection Development Committee  
 RDS Committee & RDS Interest Group  
 Research & Publication Committee  
 Data Services Committee  
 Scholarly Commons Leads Group

### *Campus:*

Office of the Vice Chancellor for Research (OVCR)  
 Office of Technology Management (OTM)  
 Center for Innovation in Teaching & Learning (CITL)  
 Office of Undergraduate Research  
 CITES—Academic computing  
 GSLIS  
 Graduate College  
 Illinois Program for Research in the Humanities (IPRH), Institute for Computing in the Humanities and Social Sciences (iCHASS)  
 NCSA

### *External:*

Committee on Institutional Cooperation (CIC): *Data Storage Working Group*; *ORCID Working Group*  
 Peer Review Evaluation (PRE) advisory board  
 DMPTool Steering Committee

## III. Research themes:

- Research data curation & management services
- Scholarly Communications and Publishing
- User studies for production-oriented library services
  - Digital publication and platform user experience as relevant to authors/editors as well as readers
  - Digital publishing—narrative, multi-medial, code, and data
- Digital Humanities
- Challenges in research analytics—standard citation forms for works in the Arts and Humanities; data citation issues
- Research service evaluation models... metrics/measures/ROIs/perceived value
- Models for collaboration with consortial and other external partners

# 10 Things a Savvy Researcher Knows

Services at the University of Illinois Library

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## **1. Find the resources you need**

- As the largest public academic library in the United States, we have what you need or can help you get it!
- General and subject specific search tools help you find the right resources.

Start here: <http://www.library.illinois.edu>

## **2. Find a librarian—general help and subject specialists available**

- More than 50 subject specialists who understand research practices and resources in your field. Find yours today and introduce yourself!

Start here: <http://www.library.illinois.edu/askus/>

## **3. Organize your personal information**

- There are numerous methods and tools that can help you manage, organize, access, share, and use all of the information you need for your life and work.
- Get organized early in your research so your notes, readings, citations, and more don't get lost in a sea of files.

Start here: <http://illinois.libguides.com/PIM>

## **4. Utilize research technologies & resources**

- The library has experts, software, facilities, and workshops to support your research including
  - Tools to support digital humanities research such as textual analysis, visualization, and more.
  - Assistance finding and formatting geospatial, textual, and numeric data.
  - Access to data and online maps.
  - Digitization resources.
  - Usability studies resources.

Start here: <http://www.library.illinois.edu/sc>

## **5. Implement a data management plan (DMP)**

- Many federal and private funding agencies now require DMPs with every funding request.
- The Research Data Service (RDS) provides resources and training to help you manage your data.
- You can use the online DMP Tool to create a data management plan.

Start here: <http://researchdataservice.illinois.edu/>

## **6. Learn about the publishing process**

- The Library has a new Scholarly Communications & Publishing Unit that can help you

- Achieve better contractual terms with your academic publisher.
- Know how to navigate (and what to expect from) the editorial and production processes.
- Explore new publishing formats and licensing options.
- Anticipate and understand rights and “third-party permissions” obligations.
- Start your own scholarly journal or book series.

Start here: [Coming soon!]

## **7. Avoid catastrophe by knowing the ins and outs of copyright**

- What you don’t know about copyright can hurt you—potentially limiting what you can (re)publish, use, and even opening up the potential for legal action.
- The University Library offers workshops and consultation services on issues related to copyright, including both using copyrighted materials and managing your copyrights.

Start here: <http://www.library.illinois.edu/sc/services/copyright/index.html>

## **8. Manage your professional identity**

- Consider how scholars will learn about you and your research.
- Explore tools to help you develop and maintain your professional identity online.

Start here: <http://illinois.libguides.com/onlinepresence>

## **9. Know how your work will be assessed**

- Regardless of your academic discipline, the impact of your work will be assessed by scholars and institutions.
- Practices can vary by discipline and institution, and knowing the norms can help you make informed decisions about where you would like your work published.

Start here: <http://illinois.libguides.com/impact>

## **10. Share your work broadly**

- Create persistent, reliable, free (and hassle-free) access for students and colleagues everywhere when you deposit in IDEALS.

Start here: <http://www.ideals.illinois.edu/>