OCLC Research: 2014 Highlights

OCLC® Research

OCLC Research: 2014 Highlights

We are pleased to provide this overview of OCLC Research accomplishments in 2014. The content of this report is organized around the four themes that shape our work agenda. It includes selected highlights of both technical and nontechnical areas of focus and their results, and also highlights the various external colleagues and groups with whom we engage. More detailed information about our work and engagements can be found on our website at www.oclc.org/research. We welcome feedback and suggestions for new projects or collaborations at oclcresearch@oclc.org.

Lorcan Dempsey
Vice President, Research, and Chief Strategist

OCLC Research

OCLC Research: 2014 Highlights

© 2015 OCLC Online Computer Library Center, Inc.
This work is licensed under a Creative Commons Attribution 3.0 Unported License.
http://creativecommons.org/licenses/by/3.0/

April 2015
OCLC Research
Dublin, Ohio 43017 USA
www.oclc.org

ISBN: 1-55653-491-4 (978-1-55653-491-1)
OCLC Control Number: 905546119

Please direct correspondence to:
Lorcan Dempsey
Vice President, Research, and Chief Strategist
OCLCResearch@oclc.org

Additional information about OCLC Research can be found at www.oclc.org/research.
Contact information for OCLC Research staff is available at www.oclc.org/research/people.

Suggested citation:

OCLC Research. 2015. *OCLC Research: 2014 Highlights*. Dublin, Ohio: OCLC Research.
www.oclc.org/content/dam/research/publications/2015/oclcresearch-2014-highlights.pdf.

OCLC Research

2014 Highlights

Table of Contents

Introduction 1

OCLC Research mission and goal 1

Research themes 2

Research Collections and Support 3

Publications 3

Events and webinars 5

Select presentations 7

Data Science 9

Experimental applications 12

Publications 17

Events and webinars 17

Select presentations 17

Understanding the System-wide Library 19

Publications 20

Events and webinars 21

Select presentations 22

User Studies 25

Publications 25

Events and webinars 26

Select presentations 27

Contributions by Lorcan Dempsey and others 29

Publications 29

Presentations 29

Engagement 31

The OCLC Research Library Partnership—engaging research libraries around shared issues 31

OCLC Research Library Partnership events 32

SHARES 33

Active working groups 34

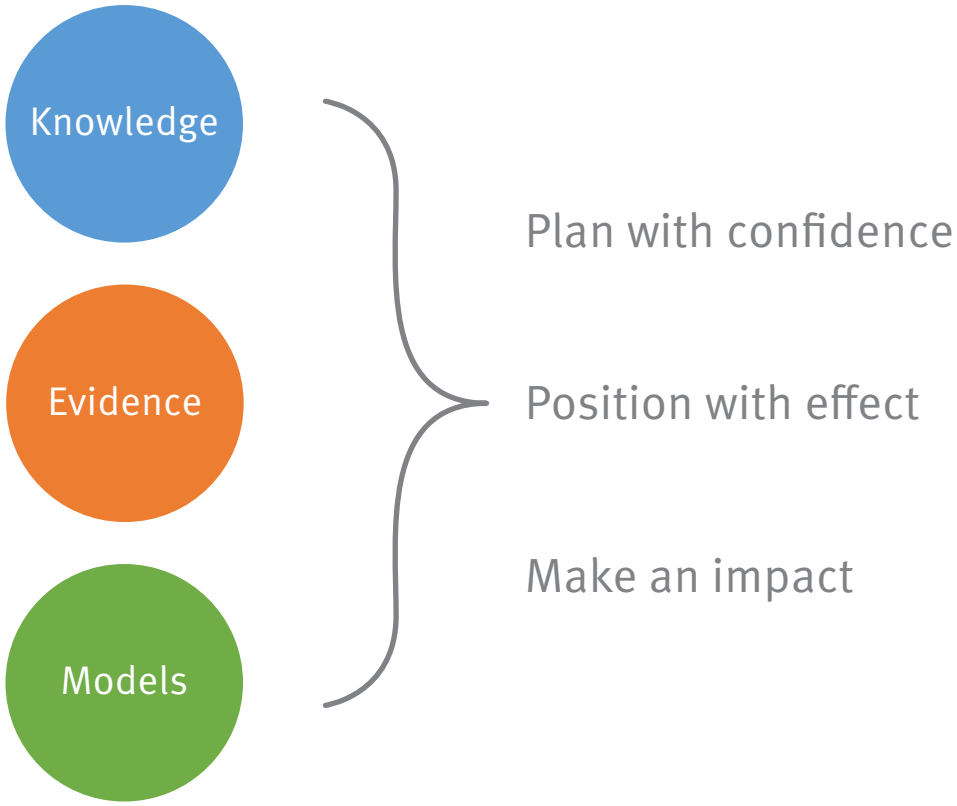
Support of scholarly research 34

OCLC Research staff recognitions 35

Introduction

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.

Our goal is to help libraries plan with confidence, position with effect, and make a greater impact by providing them with new knowledge, evidence and models. We focus on several areas which are described further below. These are at the intersection between member interests, OCLC directions, and our particular competencies.



Research Themes

We organize our work around four themes:

1. Research Collections and Support

2. Data Science

3. Understanding the System-wide Library

4. User Studies

This report provides highlights of our accomplishments in 2014 for each of these areas.

Research Collections and Support

Libraries are increasingly focused on leveraging the creation and curation of institutional research assets and outputs, including digitized special collections, research data and researcher profiles. Our work in this area informs and strengthens current thinking about research collections and the emerging services that libraries are offering to support contemporary modes of scholarship. We are encouraging the development of new ways for libraries to build and provide these types of collections and deliver distinctive services. In 2014, we enabled libraries to:

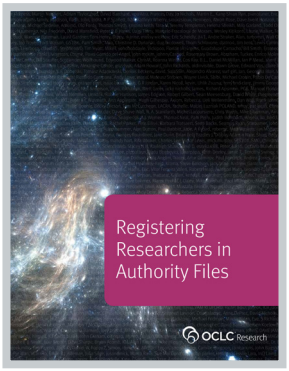
- Maximize value for researchers by overcoming the challenges of managing the digitization, born-digital curation, discoverability and accessibility of distinctive, unique or rare materials through our Demystifying Born Digital work.
- Adapt to the changing nature of stewardship, including e-scholarship, data curation, emerging open access imperatives and the long-term accessibility of scholarly outputs, through our Evolving Scholarly Record work.
- Explore new modes of support for funded research processes, track and register researcher identifiers and profiles, and carry out research assessment exercises with our Registering Researchers in Authority Files work.

Deliverables from this work are listed below.

Publications

We published the following reports related to Research Collections and Support in 2014:

- ***The Evolving Scholarly Record*** by Brian Lavoie, Eric Childress, Ricky Erway, Ixchel Faniel, Constance Malpas, Jennifer Schaffner and Titia van der Werf. This report presents a framework to help organize and drive discussions about the evolving scholarly record.
  www.oclc.org/research/publications/library/2014/oclcresearch-evolving-scholarly-record-2014-overview.html



- ***Registering Researchers in Authority Files*** by the OCLC Research Registering Researchers in Authority Files Task Group, led by Karen Smith-Yoshimura. This report presents functional requirements and recommendations for providing authoritative researcher identifiers, as well as an overview of the researcher identifier landscape, changes in the field, emerging trends and opportunities.
  www.oclc.org/research/publications/library/2014/oclcresearch-registering-researchers-2014-overview.html

I think this is an excellent and timely report. Thanks again for the transparency with this work. It's an important area, and I'm glad you all are being proactive in thinking about it.

Linda Barnhart
UC San Diego (retired)

This report is excellent overall, broadly scoped and forward looking in an area of discourse that needs to think more broadly and prospectively It does all the big things right.

Stephen Hearn
University Minnesota

As someone who is the coordinator for a NACO funnel and who has been involved with authority work for nearly 25 years, this is an exciting development. I certainly hope that my institution will choose an avenue to register our researchers and other creators of intellectual output. The paper does a good job of looking at what is happening and suggesting some paths forward.

Mark Scharff
Washington University in St. Louis

- ***Agreement Elements for Outsourcing Transfer of Born Digital Content*** by Ricky Erway, Ben Goldman and Matthew McKinley. This report suggests the elements that should be considered when constructing an outsourcing agreement (or memorandum of understanding) for transferring born-digital content from a physical medium, while encouraging adherence to both archival principles and technical requirements.
  www.oclc.org/research/publications/library/born-digital-reports.html?urlm=168998#agreement
- ***Preservation Health Check: Monitoring Threats to Digital Repository Content*** by Wouter Kool, Brian Lavoie and Titia van der Werf. This report presents the preliminary findings of Phase 1 of our Preservation Health Check investigation of preservation monitoring and suggests that there is an opportunity to use PREMIS preservation metadata as an evidence base to support a threat assessment exercise based on the Simple Property-Oriented Threat (SPOT) model.
  www.oclc.org/research/publications/library/2014/oclcresearch-preservation-health-check-2014.html

I found your story very clear and the day inspired me to set-up our own metadata policy.

Liesbeth van Wijk
UB Leiden

- ***Does Every Research Library Need a Digital Humanities Center?*** by Jennifer Schaffner and Ricky Erway. This essay suggests ways to respond to the needs of digital humanists, and also asserts that creating a Digital Humanities center is appropriate in relatively few circumstances. It also includes examples of successful collaborations with Digital Humanities, but caution that one size does not fit all.
  - www.oclc.org/research/publications/library/2014/oclcresearch-digital-humanities-center-2014-overview.html

- **"Feeding Our Young," the Society of American Archivists Presidential Address** by Jackie Dooley, was published in *The American Archivist* (v.77 No. 1, Spring/Summer 2014, pp. 10–22).
  - www.archivists.metapress.com/content/8251111605h22917/?p=188690d9558e4e658a782c042e5737d0&pi=1

Events and webinars

Here is a selection of Research Collections and Support events and webinars we hosted in 2014:

- **Hosted the "Beyond EAD: Tools for Creating and Editing EAC-CPF Records and 'Remixing' Archival Metadata"** webinar to demonstrate two tools, xEAC and RAMP, that help archivists and librarians explore new possibilities for name authority work, moving beyond the boundaries of traditional archival metadata.
  - www.oclc.org/research/events/2014/01-09.html

- **Hosted the webinar, "The Wikipedia Library Project—what is it, and how can you be involved?,"** to invite OCLC Research Library Partners to participate in a pilot project in which libraries host Wikipedia editors to enhance the article citation process on Wikipedia. The goal of this project is to make the library's e-collections available online via the WorldCat knowledge base, so that students and others on campus can see links in Wikipedia to full-text articles that the library makes available.
  - www.oclc.org/research/events/2014/02-25.html

- **Hosted a series of "Evolving Scholarly Record and Evolving Stewardship Ecosystem"** workshops based on the framework presented in our report, ***The Evolving Scholarly Record***, to address an urgent problem in research libraries: how to deal with a scholarly record that goes well beyond the traditional journal and monograph outputs. The first workshop was held in Amsterdam with support from DANS (Data Archiving and Networked Services). The second workshop took place in Washington, D.C., USA, with support from the Coalition for Networked Information (CNI) and the George Washington University Libraries.
  - www.oclc.org/research/events/esr-workshop-series.html
  - www.oclc.org/research/publications/library/2014/oclcresearch-evolving-scholarly-record-2014-overview.html

- **Hosted the webinar, "Innovative Solutions for Dealing with Born-digital Content in Obsolete Formats,"** based on our report of the same name to explain various options for transferring born-digital content from antiquated media into a form that can be more easily managed.
  - www.oclc.org/research/events/2014/10-20.html

- **Hosted the webinar, "Wikipedia and Libraries: Increasing Your Library's Visibility,"** to explain a novel project to teach library staff what steps they can take to increase their library's visibility on Wikipedia.
  - www.oclc.org/research/events/2014/10-21.html

- **Hosted a "Registering Researchers in Authority Files"** webinar to explain the functional requirements and recommendations for providing authoritative researcher identifiers as detailed in our ***Registering Researchers in Authority Files*** report.
  - www.oclc.org/research/events/2014/11-13.html
  - www.oclc.org/research/publications/library/2014/oclcresearch-registering-researchers-2014-overview.html

- **Hosted the webinar, "Improving Wikipedia Show and Tell,"** to reveal how libraries are improving Wikipedia while developing new ways of bringing traffic and attention to their own websites and collections. The webinar included presentations from UC Berkeley, The Getty, University of Florida, University of Miami and University of Oxford.
  - www.oclc.org/research/events/2014/12-08.html

The Registering Researchers in Authority Files webinar was just great. It was aimed at exactly the right level for me and everything talked about was quite interesting. I've been spouting to my colleagues about ISNIs and trying to link-rather-than-control ever since.

Roxanne Sellberg
Northwestern University

It's always great to check out how others are solving problems, and to learn from those with greater experience. For those of us who are still learning, webinars like yours are incredibly illustrative and really enjoyable as well. Thank you for everything that you've done to make great content available. I really appreciate it, and I know I'm not the only one. Keep up the great work!

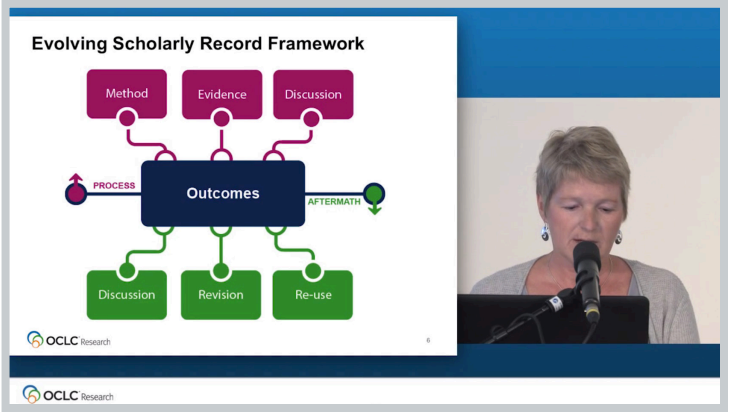
Wade Ellett
Digital Archivist
Deere & Company Archives

This is fantastic. You are blowing my mind.

Kathleen Johnson
Wikipedia and Libraries webinar attendee

View the **video playlist** from the Evolving Scholarly Record and Evolving Scholarly Stewardship Ecosystem Amsterdam Workshop.

www.youtube.com/playlist?list=PLLB61wwipFoY4NnhnOBIJLtFfadZDQEco



Select presentations

The following is a selection of presentations we gave in 2014 related to Research Collections and Support:

- **"Considerations on Research Support: Future of Keio University and the Role of the Library"** was presented as a keynote at the Keio General Assembly Conference in Tokyo, Japan, by OCLC Research Library Partnership Vice President Jim Michalko.
  www.slideshare.net/oclcr/considerations-on-research-support-future-of-keio-university-and-the-role-of-the-library
- **"The Evolving Scholarly Record"** was presented at the CNI Spring 2014 Membership Meeting in St. Louis, Missouri, USA, by Research Scientist Brian Lavoie.
  www.slideshare.net/oclcr/esr-cni2014
- **"Integrating Researcher Identifiers into University and Library Systems"** was presented at the CNI Spring 2014 Membership Meeting in St. Louis, Missouri, USA, by Program Officer Karen Smith-Yoshimura and Micah Altman from Massachusetts Institute of Technology.
  www.slideshare.net/oclcr/integrating-researcher-identifiers-into-university-and-library-systems
- **"MOOCs and Beyond: Online Education and Libraries, What is Happening in the Field"** was presented as the keynote at the Libraries, MOOCs and Online Learning event sponsored by the Australian Library and Information Association (ALIA), Council of Australian University Librarians (CAUL), OCLC and the State Library of Queensland in March by Senior Program Officer Merrilee Proffitt.
  www.slideshare.net/oclcr/moocs-libraries-and-beyond-an-overview-of-the-current-landscape
- **"Wikipedia and Libraries: Increasing Library Visibility"** was presented at the CNI Fall 2014 Membership Meeting in Washington, D.C., USA, by Merrilee Proffitt and Jake Orlowitz from the Wikimedia Foundation.
  www.slideshare.net/oclcr/wikipedia-and-libraries-increasing-library-visibility

Senior Program Officer Ricky Erway was highlighted in the article, "Taking the Long View: Surveying Collections for Preservation and Digitization Priorities," published in *Computers in Libraries* Vol. 34, No. 4 (May 2014), which references various OCLC Research Born Digital publications.

Data Science

The Web is the native environment of information seekers. OCLC Research recognizes that to be integrated into the Web, traditional library data must be transformed in various ways. We are analyzing the data in WorldCat and other sources to derive new meaning, insights and services for use by libraries and others on the Web. Our progress in 2014 included:

- **Exposed and extended data**—through our **Linked Data Research** we transformed and optimized data so it could be better utilized by Web applications to deliver library services and assets to information seekers.
  www.oclc.org/research/themes/data-science/linkeddata.html

  We:

  - Explored Linked Data from a variety of angles—as a publisher, consumer, applications-builder and project partner, and through our involvement with linked data-related work with standards activities and applications, which helped to shape and inform OCLC's thinking and support OCLC's enterprise-wide linked data production efforts.

  - Created and administered an international **Linked Data Survey** targeted to those who have implemented or are implementing linked data projects or services—either by publishing data as linked data or ingesting linked data resources into their own data or applications, or both.
    www.oclc.org/research/themes/data-science/linkeddata.html#linked-data-survey

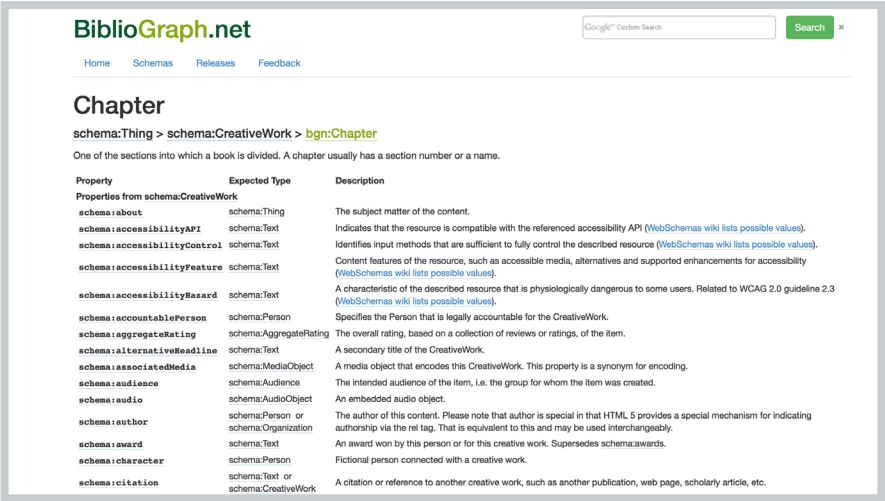
  - Republished the Virtual International Authority File (VIAF) and Faceted Application of Subject Terminology (FAST) using Schema.org, the vocabulary recognized by Google, Bing, Yahoo and Yandex, to improve their likelihood of being displayed in search results for people searching for them on the Web.

  - Republished the linked data markup on WorldCat with references to WorldCat Works, resulting in increased clickthroughs from WorldCat to libraries.

  - Worked with OCLC colleagues and the W3C-sponsored Schema Bib Extend Community Group to propose extensions to Schema.org for the benefit of the library community. As a result, the following extensions were adopted by Schema.org: workExample, exampleOfWork, hasPart, issueNumber and volumeNumber. These terms are necessary for search-engine-understandable models of FRBR concepts and journal articles.

  - Worked with OCLC colleagues to design, implement and launch BiblioGraph.net, an extension vocabulary for the library community that is formally integrated with Schema.org (see screenshot on the following page). This is a vehicle for describing the domain of bibliographic resources in an ontology that is consistent with the structure of Schema.org. Schema.org sponsors have highlighted BiblioGraph as a model to emulate by other specialized communities of practice.

  - Completed the IMLS-funded grant, "Getting Found," headed by Kenning Arlitsch, Dean of the Library, Montana State University. Our participation resulted in the creation of a linked data model of some of the contents of institutional repositories, expressed in Schema.org with locally defined extensions expressible in BiblioGraph. We also created a demonstration system that converts free-text citations into structured citations, which would populate an institutional repository with structured data that is understandable to search engines using bibliographies, reference lists or faculty CVs as inputs.



BiblioGraph.net

Search

Home Schemas Releases Feedback

Chapter

schema:Thing > schema:CreativeWork > bgn:Chapter

One of the sections into which a book is divided. A chapter usually has a section number or a name.

Property	Expected Type	Description
Properties from schema:CreativeWork		
schema:about	schema:Thing	The subject matter of the content.
schema:accessibilityAPI	schema:Text	Indicates that the resource is compatible with the referenced accessibility API (WebSchemas wiki lists possible values).
schema:accessibilityControl	schema:Text	Identifies input methods that are sufficient to fully control the described resource (WebSchemas wiki lists possible values).
schema:accessibilityFeature	schema:Text	Content features of the resource, such as accessible media, alternatives and supported enhancements for accessibility (WebSchemas wiki lists possible values).
schema:accessibilityHazard	schema:Text	A characteristic of the described resource that is physiologically dangerous to some users. Related to WCAG 2.0 guideline 2.3 (WebSchemas wiki lists possible values).
schema:accountablePerson	schema:Person	Specifies the Person that is legally accountable for the CreativeWork.
schema:aggregateRating	schema:AggregateRating	The overall rating, based on a collection of reviews or ratings, of the item.
schema:alternativeHeadline	schema:Text	A secondary title of the CreativeWork.
schema:associatedMedia	schema:MediaObject	A media object that encodes this CreativeWork. This property is a synonym for encoding.
schema:audience	schema:Audience	The intended audience of the item, i.e. the group for whom the item was created.
schema:audio	schema:AudioObject	An embedded audio object.
schema:author	schema:Person or schema:Organization	The author of this content. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
schema:award	schema:Text	An award won by this person or for this creative work. Supersedes schema:awards.
schema:character	schema:Person	Fictional person connected with a creative work.
schema:citation	schema:Text or schema:CreativeWork	A citation or reference to another creative work, such as another publication, web page, scholarly article, etc.

OCLC's Hanging Together blog has just concluded a really interesting series of posts analyzing the responses they got to a recent survey on implementation of linked data projects. If you're at all interested in the Semantic Web, you really should check out the series.

The Distant Librarian blog
9 September 2014

"[The Getting Found project] demonstrated that Schema.org can be used to describe institutional repository content with the precision necessary for a subject matter expert to find what they seek, and at the same time, provide a layer of abstraction that allows machines (i.e., commercial search engines) to help a novice discover new information. This evidence supports the efforts already conducted by OCLC to use Schema.org markup to describe materials in WorldCat.org. The use of Schema.org not only provides a gateway to search engine consumption and indexing but also provides a way for libraries to easily and effortlessly share their data on the Web with groups and organizations outside of the library domain."

Kenning Arlitsch
Dean, Montana State University
as quoted in the final report to IMLS for "Getting Found: Search Engine Optimization for Digital Repositories"

- **Enhanced aggregated data**—by adding insights and information from library-created data pools and nonlibrary sources to increase data impact.

  - Launched the **Multilingual Bibliographic Structure** project to leverage the multilingual content of **WorldCat**, the world's largest network of library content and services, so that bibliographic information can be presented in the preferred language and script of the user. This resulted in the addition of more than 1 million work-translation records to the Virtual International Authority File (**VIAF**).
    - www.oclc.org/research/themes/data-science/multilingual-bib-structure.html
    - www.worldcat.org
    - www.oclc.org/viaf.en.html

  - Released **WorldCat Works**, a linked data view of the works in WorldCat in collaboration with product and engineering groups in OCLC. This was the outcome of ongoing development of a data model for bibliographic entities in Schema.org, extending it as required for library purposes. Our efforts around "works" is one part of a broader interest in the "entification" of bibliographic data. We are interested in moving from the current record-based view of data in which packages of data about titles are carried around the system, to an entity-based view of the data in which libraries will independently manage data about works, people, subjects, etc., and create links between them and other entities.
    - www.oclc.org/en-US/news/releases/2014/201414dublin.html

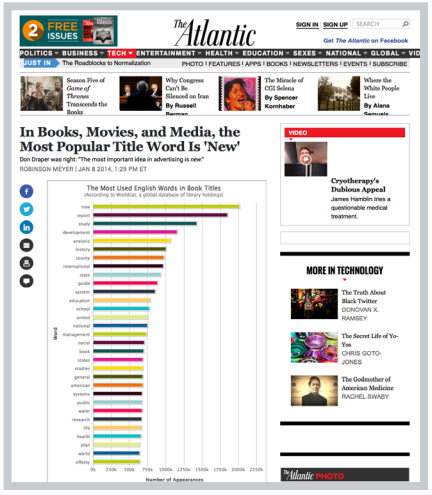
  - Launched the **Scholars' Contributions to the Virtual International Authority File (VIAF)** project to explore the potential benefits of collaborating with scholars to enrich VIAF with new names and additional script forms for names already represented. As a result, we loaded names in Greek, Arabic, Syriac and other script forms from the **Perseus Catalog** and the **Syriac Reference Portal** into VIAF, which not only enhanced VIAF but also demonstrated the benefits of tapping scholarly expertise and helped to promote the use of VIAF persistent IDs in scholarly communities.
    - www.oclc.org/en-US/news/releases/2014/201414dublin.html
    - sites.tufts.edu/perseuscatalog/2013/05/10/release/
    - www.syriac.ua.edu/wiki/index.php5/Main_Page

- **Mined data to create new knowledge**—made associations that improved library operations and provide users with new insights.

  - Launched **What in the WorldCat?** to showcase some of the unique things that can be gleaned from the data in OCLC WorldCat, the world's largest library catalog, and to also illustrate how WorldCat can be used to represent a large part of the scholarly and cultural record. We created 19 lists that highlight interesting and different views of the world's library collections in 2014.
    - www.oclc.org/research/wtworldcat.html

Senior Program Officer Roy Tennant's WorldCat analysis that identified the most common English title words for books, movies and other media was published in *The Atlantic* article, **"In Books, Movies, and Media, the Most Popular Title Word Is 'New'"** on 8 January 2014.

www.theatlantic.com/technology/archive/2014/01/in-books-movies-and-media-the-most-popular-title-word-is-new/282921/

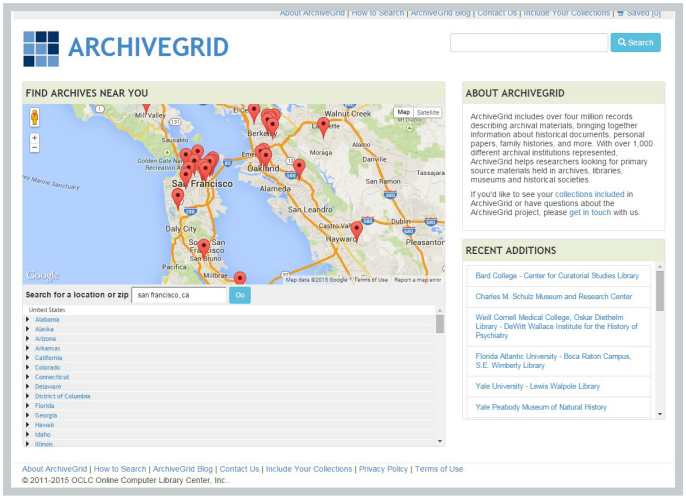


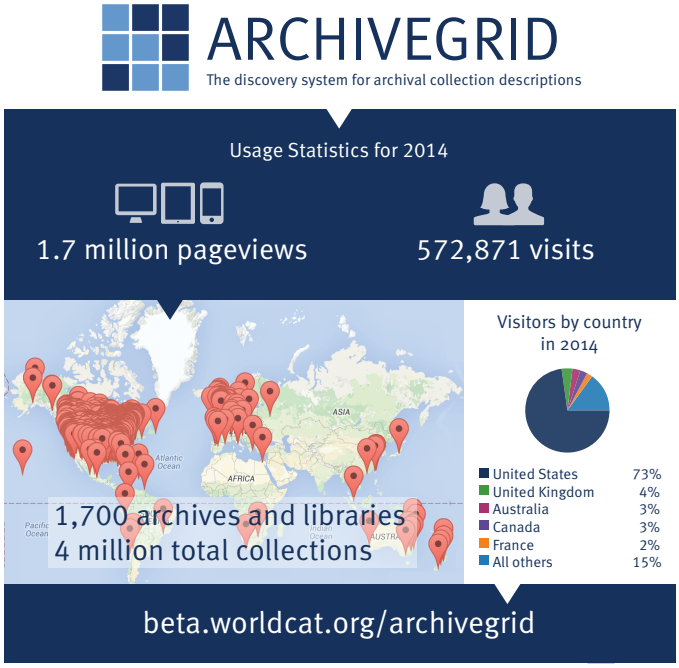
Experimental applications

Our Data Science efforts have led to the creation of a variety of applications that demonstrate some of our ideas for applying new technologies to organize information. In some cases, these applications serve as examples of things that can be used by others to develop or incorporate into their own systems. A selection of some of these applications is listed below. See the **applications page** on our website for a complete list.

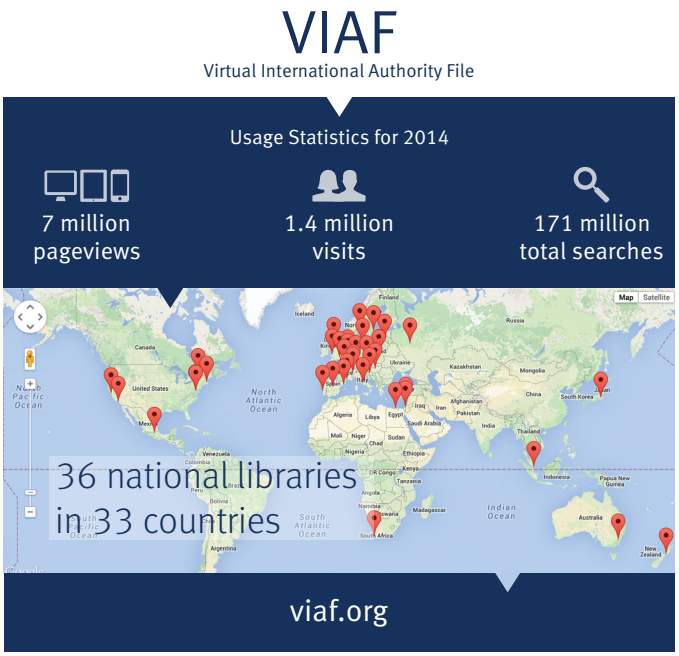
www.oclc.org/research/themes/data-science/applications.html

- **ArchiveGrid**—a growing collection of over 4 million archival material descriptions that provides a foundation for OCLC Research collaboration and interactions with the archival community, and also serves as the basis for our experimentation and testing in text mining, data analysis and discovery system applications and interfaces.
  www.oclc.org/research/themes/research-collections/archivegrid.html



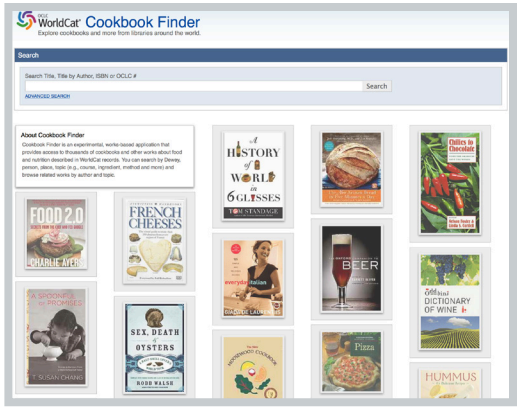


- **Virtual International Authority File (VIAF)**—an international **service** designed to provide convenient access to the world's major name authority files. Its creators envision the VIAF as a building block for the Semantic Web to enable switching of the displayed form of names for persons to the preferred language and script of the Web user. VIAF began as a joint project with the Library of Congress (LC), the Deutsche Nationalbibliothek (DNB), the Bibliothèque nationale de France (BNF) and OCLC. Developed and maintained by OCLC Research, it has, over the past decade, become a cooperative effort involving an expanding number of other national libraries and other agencies.
  ▶ www.oclc.org/viaf.en.html

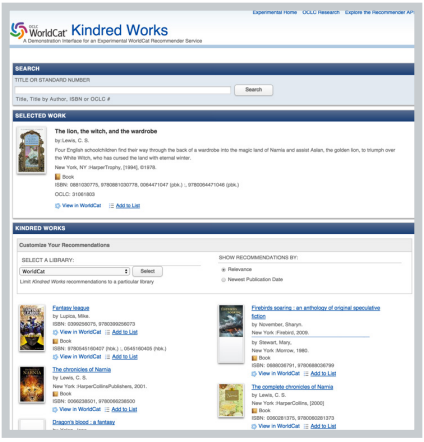


In 2014, we added records to **VIAF** from the following institutions: the National Library of Korea, the Bibliothèque et Archives nationales du Québec, the Biblioteca Nacional de Chile and the National Library of Armenia. We also added new data from the DBC [Danish Bibliographic Center] and ICCU [Central Institute for the Union Catalogue of the Italian libraries and bibliographic information].
▶ www.oclc.org/viaf.en.html

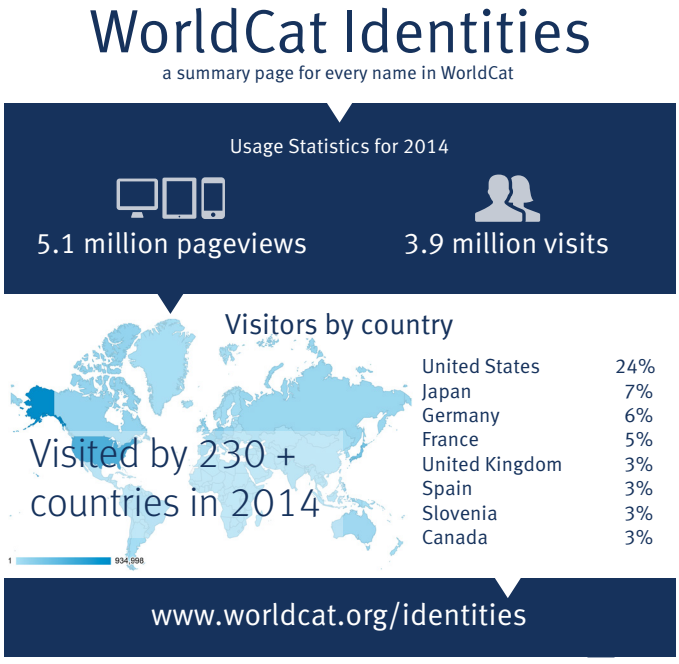
- **Cookbook Finder**—a works-based application that provides access to thousands of cookbooks and other works about food and nutrition described in library records. You can search by person, place, topic (e.g., course, ingredient, method, and more) and browse related works by author and topic (supplied by the Kindred Works/Recommender API). Results include links to full-text when available from HathiTrust and Project Gutenberg.
  www.oclc.org/research/themes/data-science/cookbook-finder.html



- **Kindred Works**—a demonstration interface built upon an experimental content-based recommender service. Various characteristics associated with a sample resource, such as classification numbers, subject headings and genre terms, are matched to WorldCat to provide a list of recommendations.
  www.oclc.org/research/themes/data-science/kindredworks.html

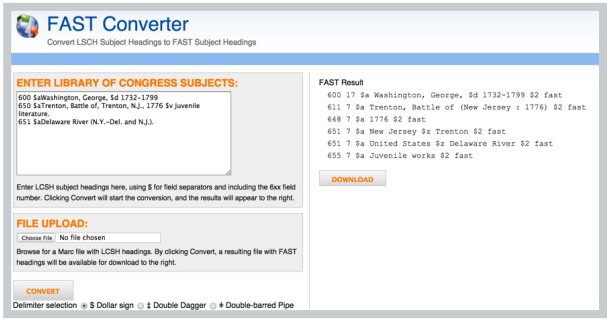


- **WorldCat Identities**—an application that provides an overview of names in WorldCat to make it easy to explore and understand what a person (or corporation or other name) has produced. It shows the most common works by and about the person, alternative forms of the name, other names and subjects associated with each person.
  www.oclc.org/research/themes/data-science/identities.html

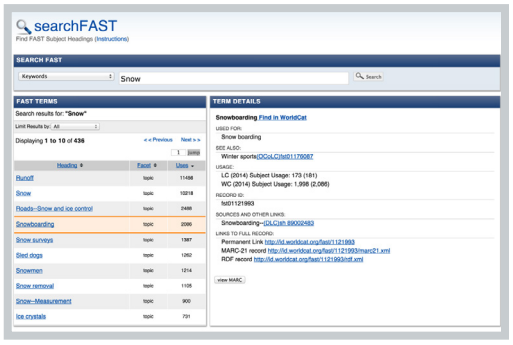


- **FAST (Faceted Application of Subject Terminology)**—an enumerative faceted subject heading schema derived from the Library of Congress Subject Headings (LCSH), one of the library domain's most widely used subject terminology schemas. FAST was developed through collaboration between OCLC Research and the Library of Congress to meet the perceived need for a general-use subject terminology scheme that is easy to learn and apply and can be successfully used by nonprofessionals. OCLC Research has developed several applications for utilizing FAST, including:
  - www.oclc.org/research/themes/data-science/fast.html

  - **assignFAST**—a Web interface for FAST Subject selection, assignFAST explores automating the manual selection of the Authorized and Use For headings based on autosuggest technology.
    - www.oclc.org/research/themes/data-science/assignfast.html



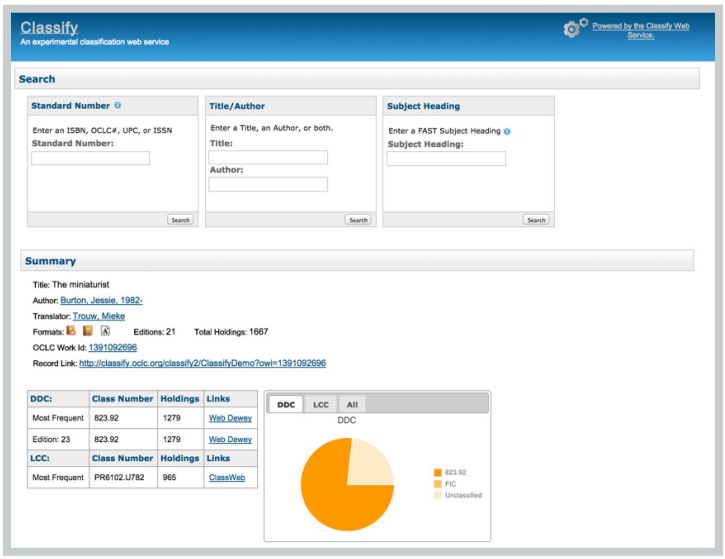
  - **FAST Converter**—a Web interface for the conversion of LCSH headings to FAST headings. Either single headings or small sets of bibliographic records can be converted. The intent of this Web site is to provide a learning tool to help familiarize users with FAST and the differences between FAST and LCSH.
    - www.oclc.org/research/themes/data-science/fastconverter.html

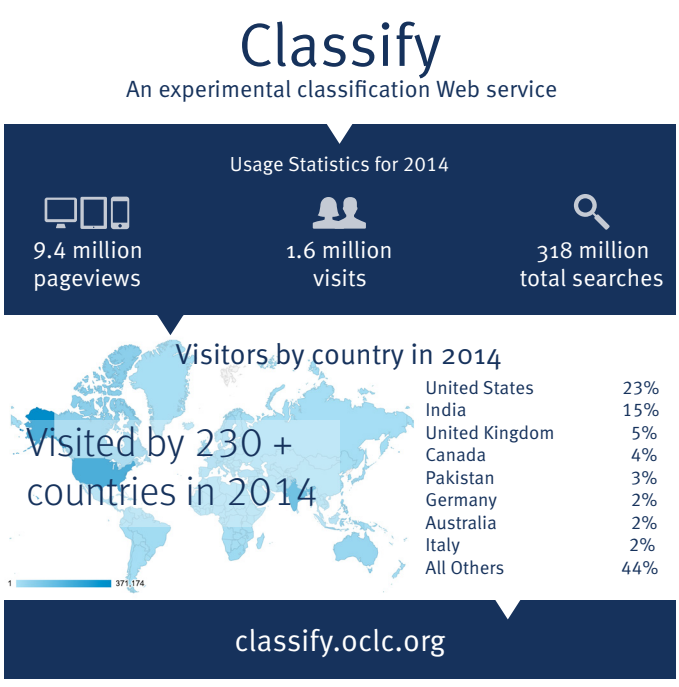


  - **searchFAST**—a full-feature search interface to the FAST database.
    - fast.oclc.org/searchfast

  - **FAST Linked Data**—linked data authorities that are formatted using **SKOS (Simple Knowledge Organization System)**. A search API is available to help identify and select headings for use.
    - experimental.worldcat.org/fast/

- **Classify**—a FRBR-based prototype designed to support the assignment of classification numbers and subject headings for books, DVDs, CDs and other types of materials.
  ▶ www.oclc.org/research/themes/data-science/classify.html





Publications

The following papers and reports related to Data Science were published in 2014:

- **"Using a Common Model: Mapping VRA Core 4.0 into an RDF Ontology"** by Jeff Mixter was published in *Journal of Library Metadata*, 14 (1), 1–23.
  www.researchgate.net/publication/272120983_Using_a_Common_Model_Mapping_VRA_Core_4.0_Into_an_RDF_Ontology

- **"Managing Ambiguity in VIAF,"** by Thom Hickey and Jenny Toves was published in the July/August 2014 issue of *D-Lib Magazine*.
  www.dlib.org/dlib/july14/hickey/07hickey.html

- ***The Open Archival Information System (OAIS) Reference Model: Introductory Guide (2nd Edition)*** by Brian Lavoie was published by the Digital Preservation Coalition.
  http://dx.doi.org/10.7207/TWR14-02

- **"assignFAST: An Autosuggest-Based Tool for FAST Subject Assignment"** by Rick Bennett, Edward T. O'Neill and Kerre Kammerer was published in *Information Technology & Libraries*. 33,1: 34–43.
  http://ejournals.bc.edu/ojs/index.php/ital/article/view/5378/pdf

- **"Parsing and Matching Dates in VIAF,"** by Thom Hickey and Jenny Toves was published in *Code4Lib Journal,* Issue 26, 2014-10-21.
  http://journal.code4lib.org/articles/9607

- **"Where Should I Publish? Detecting Journal Similarity Based on What Has Been Published There,"** by Rob Koopman and Shenghui Wang was published in *Proceedings of Digital Libraries* 2014, 483–484.
  www.researchgate.net/publication/263807936_Where_should_I_publish_--_Detecting_journal_similarity_based_on_what_have_been_published_there

- **"Describing Theses and Dissertations Using Schema.org,"** by Jeffrey K. Mixter, Patrick OBrien and Kenning Arlitsch was published in *DC-2014: Proceedings of the International Conference on Dublin Core and Metadata Applications. Austin, Texas, USA. Dublin Core Metadata Initiative.*
  http://scholarworks.montana.edu/xmlui/handle/1/8682

Events and webinars

Here is a selection of Data Science events and webinars we hosted in 2014:

- Hosted a one-day Code4Lib Bay Area conference in our San Mateo office to increase awareness of our work among Code4Lib attendees.

- Planned the International Conference on Dublin Core and Metadata Applications (DCMI14) workshop, "Fonds and Bonds: Archival Metadata, Tools, and Identity Management" to bring together experts and practitioners to explore archival description in the cultural heritage descriptive landscape, the emergence of authority files/identity description as an opportunity for cultural heritage cross-community collaboration, and to provide attendees with the latest information on key metadata editing and management tools used by the working archivist.

- Hosted the Annual VIAF Council meeting at IFLA in France to review updates to review 2014 VIAF updates, elect new leadership and discuss admission guidelines for contributors.

Select presentations

- **"Connecting the Dots: Linking Digitized Collections Across Metadata Silos,"** was presented as an invited presentation at the LIBER 43rd Annual Conference in Riga, Latvia, by Research Support Specialist Jeffrey K. Mixter and SeniorProgram Officer Titia van der Werf.
  www.slideshare.net/oclcr/connecting-the-dots-linking-digitized-collections-across-metadata-silos

Understanding the System-wide Library

Libraries are embedded in an increasingly complex network of information supply and demand. The goal of our Understanding the System-wide Library theme is to improve our understanding of the factors that guide institutions in their sourcing and scaling choices as they seek maximum impact and efficient provision of library collections and services. Our focus is to provide evidence and insight to libraries as they reorganize collections and services within a changing network environment.

In 2014, we made significant progress with our Understanding the System-wide Library initiatives, including:

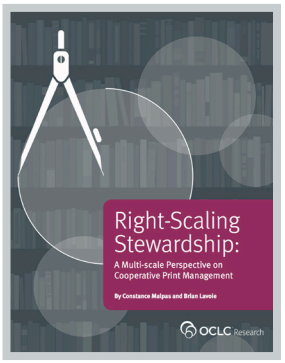
- **Extended our analyses of collective collections to include library groups operating at a variety of different scales.** We examined the collective collection of multiple library groups and regions to support shared print planning efforts in consortial and regional settings and shared our findings via a variety of publications and invitational presentations. These efforts have helped shape OCLC's proposed shared print offering (coming in FY2016) as well as the creation of a formal Shared Print Advisory Council to provide community guidance on emerging infrastructure and service requirements for building and managing shared print collections.

- **Examined how to best organize library-related activities at the appropriate scale of provision and consumption.** We provided an empirically based assessment in our ***Right-scaling Stewardship*** report, based on WorldCat bibliographic and holdings data of the size, scope and salient features of print books in CIC libraries, with special attention to identifying and characterizing segments consisting of relatively scarce and relatively widely held materials. This work has been beneficial to libraries investigating or implementing shared, group-scale approaches to managing print book collections. It has also helped a growing number of institutions to broaden the scope of their existing shared print programs from journals to monographic resources.
  www.oclc.org/research/publications/library/2014/oclcresearch-cooperative-print-managment-2014.html

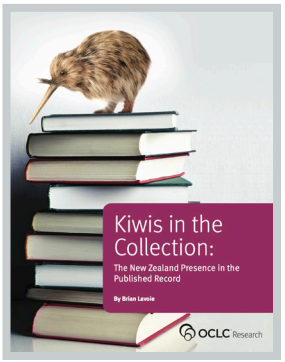
- **Examined the future of collections-based work in research libraries.** We published a theoretical framework for understanding major shifts in the function and organization of collections in research libraries in our **"Collection Directions: The Evolution of Library Collections and Collecting"** paper. Originally published in a special issue of *portal: libraries and the academy*, this report has generated significant interest in the community. It continues to attract attention and frequent requests for public presentation.
  www.oclc.org/research/news/2014/10-14.html

- **Launched a five-year statistical study of collection sharing activities** by the Borrow Direct consortium that has received positive interest from the library community. As a result we are expanding the study to include data from the Committee on Institutional Cooperation (CIC) and a number of other groups and consortia, which will enable us to provide a more complete picture of current trends in resource sharing.

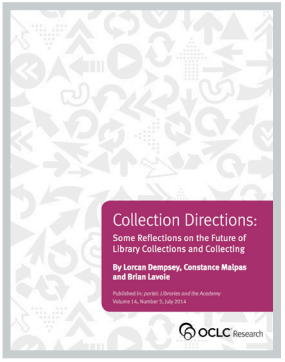
Publications



- Published ***Right-scaling Stewardship: A Multi-scale Perspective on Cooperative Print Management*** by Constance Malpas and Brian Lavoie. This report explores regional-scale cooperative print management from two perspectives: a local academic library print book collection (The Ohio State University), and a consortial-scale collective print book resource (the Committee on Institutional Cooperation, a consortium of major US research institutions).
  www.oclc.org/research/publications/library/2014/oclcresearch-cooperative-print-managment-2014.html



- Published ***Kiwis in the Collection: The New Zealand Presence in the Published Record*** by Brian Lavoie. This report characterizes the size and scope of the New Zealand presence in the published record, highlights some of its salient characteristics and describes its diffusion around the world.
  www.oclc.org/research/publications/library/2014/oclcresearch-new-zealand-presence-2014-overview.html



- Published a preprint of ***"Collection Directions: The Evolution of Library Collections and Collecting"*** by Lorcan Dempsey, Constance Malpas and Brian Lavoie. This paper was originally published in the July 2014 issue of *portal: libraries and the academy*. It takes a broad view of the evolution of collecting behaviors in a network environment and suggests some future directions based on various simple models.
  www.oclc.org/research/news/2014/10-14.html

- An abridged version of the OCLC Research report, ***Print Management at "Mega-scale": A Regional Perspective on Print Book Collections in North America***, was published in the new De Gruyter volume, *Wissensorganisation und -repräsentation mit digitalen Technologien* (Representing Knowledge Using Digital Technologies).

- **"Consortial Book Circulation Patterns: The OCLC-OhioLINK Study,"** by Edward T. O'Neill and Julia A. Gammon was published in *College & Research Libraries*. (November) 75:791–807; doi:10.5860/crl.75.6.791.
  crl.acrl.org/content/75/6/791.full.pdf+html

The foundation for the Association for Library Collections and Technical Services (ALCTS) "Collection Development Strategies in an Evolving Marketplace: an ALCTS Midwinter Symposium" was based on the OCLC Research paper, **"Collection Directions: Some Reflections on the Future of Library Collections and Collecting."** The paper looks at the changing dynamics of print collections, at the greater engagement with research and learning behaviors, and at trends in scholarly communication.

www.oclc.org/content/dam/research/publications/library/2014/oclcresearch-collection-directions-preprint-2014.pdf

You have some nationally recognized leaders in the print storage space, and more potential than anyone else on the face of the earth to identify patterns of library holdings…at scale…

Mark Sandler
Director
Center for Library Initiatives, Committee for Institutional Cooperation (CIC)

Events and webinars

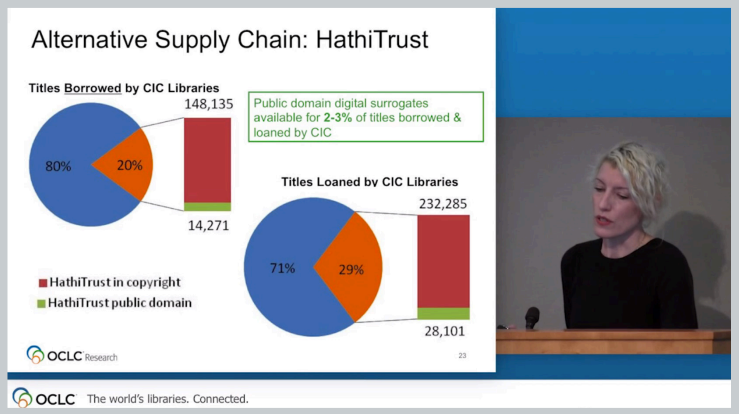
- In 2014, OCLC Research co-hosted the **"Regional Shared Print: Right-Scaling Solutions Symposium"** with The Ohio State University Libraries (OSU) and the Committee on Institutional Cooperation (CIC), with support from OhioLINK to demonstrate how WorldCat data is powering new forms of library collaboration and also to showcase our analysis of CIC holdings/ILL traffic in the context of a broader discussion of shared print issues/developments. This event reinforced the importance of libraries developing and implementing shared print strategies and also reinforced OCLC Research's position as a thought leader and trusted partner in this area. This event was also streamed live on the Web for remote participants.
  www.oclc.org/research/events/2014/03-27.html
- We also hosted an invitational meeting on shared print at the 2014 ALA Annual Conference with representatives from the Library of Congress, Statewide California Electronic Library Consortium (SCELC), Western Regional Storage Trust (WEST), Association of Southeastern Research Libraries (ASERL), Florida Academic Repository (FLARE), Jisc, Committee on Institutional Cooperation (CIC) and others.

OCLC engagement in this very strategic and pressing issue for us is most welcome. OCLC has a key role to play in this process both as a venue for noting these commitments but for also its role in the delivery of shared materials.

Carol Pitts Diedrichs
Vice Provost and Director
The Ohio State University Libraries

View the **video playlist** from the Regional Print Management: Right-Scaling Solutions Symposium.

www.youtube.com/watch?v=S2XHq4FyimQ&list=PLLB61wwipFoaaf5fDJ_VzwpCCNW_6K4Aj&index=2



Select presentations

- **"Understanding the Collective Collection—Long-Term Impacts and Opportunities for Research Libraries"** was presented at the Association of Southeastern Research Libraries (ASERL) Spring 2014 Membership Meeting & Annual Meeting in Tampa, Florida by Research Scientist Brian Lavoie.
  www.slideshare.net/oclcr/understanding-the-collective-collection-concepts-implications-and-futures

- **"Collection Directions"** was presented during a National Federation of Abstracting and Information Services (NFAIS) webinar by Research Scientist Constance Malpas.
  www.slideshare.net/oclcr/collection-directions-research-collections-in-the-network-environment-46936581

- **"Understanding the Collective Collection,"** was presented as a keynote at the Asia Pacific Regional Council Membership Meeting in Jeju, South Korea, by Lorcan Dempsey.
  www.slideshare.net/oclcr/collection-directions-towards-the-collecive-print-collection

- **"Scale, Engagement, Innovation: Library Directions"** was presented as a keynote at the Montana Library Association's Offline Conference in Helena, Montana, USA, by Lorcan Dempsey.
  www.slideshare.net/lisld/infrastructure-engagement-innovation

- **"Many Paths, One Moon: The Future of Academic Print Management in Japan"** was presented as a keynote at the Keio University Mita Media Center's broad-based research library event, "The Future of Print Management in Japanese University Libraries" in Tokyo, Japan, by Constance Malpas.
  www.slideshare.net/oclcr/many-paths-one-moon-the-future-of-academic-print-management-in-japan

- **"Understanding the Collective Collection: Towards a System-wide Perspective on Library Print Collections"** was presented as a keynote at the OCLC Canada Symposium at the Canadian Library Association Conference (CLA) by Constance Malpas.
  ▶ www.slideshare.net/oclcr/understanding-the-collective-collection-a-view-of-the-canadian-library-resource-in-worldcat

- **"Collection Directions: Some Observations on the Future of Library Stewardship"** was presented as a keynote at the Boston Library Consortium Meeting in Boston, Massachusetts, USA, by Constance Malpas.
  ▶ www.slideshare.net/oclcr/collection-directions-some-reflections-on-libraries-and-stewardship-of-the-scholarly-record

Keio University Mita Media Center convened the sold-out, broad-based research library event, *The Future of Print Management in Japanese University Libraries*, in Tokyo, Japan. This event was based on the OCLC Research investigation into shared print management efforts that was published in the report, ***Understanding the Collective Collection: Towards a System-wide Perspective on Library Print Collections***.
▶ www.oclc.org/research/publications/library/2013/2013-09r.html

User Studies

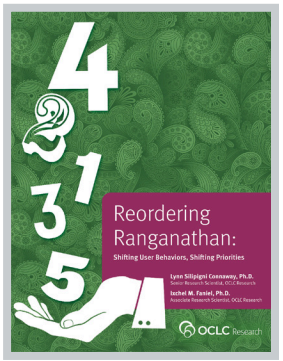
Libraries are impacted by the ways in which individuals engage with technology; how they seek, access, contribute and use information; and how and why they demonstrate these behaviors and do what they do. We're collaborating with librarians to shape their services around a set of expectations that have been influenced by consumer technologies and modern research and learning environments. By providing the library community with behavioral evidence about individuals' perceptions, habits and requirements, we can ensure that the design of future library services is all about the user.

In 2014 our User Studies work helped libraries to:

- **Engage individuals in context**—by providing libraries a better understanding about what motivates individuals to engage in the digital information environment through our **Visitors and Residents** work.
  - www.oclc.org/research/themes/user-studies/vandr.html
- **Embed the libraries in community workflows**—by giving librarians and information professionals a better understanding of the needs of current and potential users, characterizing and evaluating the digital services libraries provide them, and proposing changes that will deliver library services where people do their work, through our **E-Research and Data work** and our **Dissemination Information Packages for Information Reuse** work.
  - www.oclc.org/research/themes/user-studies/e-research.html
  - www.oclc.org/research/themes/user-studies/dipir.html
- **Evolve the work done by librarians and the perceptions of libraries and librarians**—by providing a timely and relevant context for Ranganathan's Laws that today's librarians, library researchers and information scientists can refer to as they think about making changes in practice and developing agendas for future research.

Publications

- Published ***Reordering Ranganathan: Shifting User Behaviors, Shifting Priorities***, by Lynn Silipigni Connaway and Ixchel Faniel. This report suggests that Shiyali Ramamrita Ranganathan's Five Laws of Library Science can be reordered and reinterpreted to reflect today's library resources and services, as well as the behaviors that people demonstrate when engaging with them.
  - www.oclc.org/research/publications/library/2014/oclcresearch-reordering-ranganathan-2014-overview.html



View the **video** of Joe Janes (University of Washington Information School) interviewing Lynn Silipigni Connaway and Ixchel Faniel about their *Reordering Ranganathan* report.
www.youtube.com/watch?v=w5d8lK_o5TM

- **"Why Libraries? A Call for Use-Centered Assessment,"** by Lynn Silipigni Connaway was published in *Textos Universitaris de Biblioteconomia* I Documentacio, 32.
  bid.ub.edu/pdf/32/en/connaway3.pdf
- **Evaluating Digital Services: A Visitors and Residents Approach A JISC infoKit**, by David White, Lynn Silipigni Connaway, Donna Lanclos, Erin M. Hood and Carrie Vass was published by Jisc.
  www.jiscinfonet.ac.uk/infokits/evaluating-services/
- **"The Researcher Librarian Partnership: Building a Culture of Research,"** by Helen Partridge, Insa Haidn, Terry Weech, Lynn Silipigni Connaway and Michael Seadle was published in *Library and Information Research* Vol 38, No 118.
  www.lirgjournal.org.uk/lir/ojs/index.php/lir/article/view/619

Events and webinars

Here is a selection of User Studies events and webinars we hosted in 2014:

- Hosted the webinar, **"Reordering Ranganathan: Shifting User Behaviors, Shifting Priorities,"** to recap the report of the same name that suggests how a reinterpretation of Ranganathan's Five Laws of Library Science can help evolve both the work done by libraries and the perceptions of libraries and librarians.
  www.oclc.org/research/events/2014/07-08.html
- Presented the webinar, **"Evaluating Online Behaviours: A visitors and residents approach,"** in collaboration with Jisc to demonstrate how the Evaluating Digital Services infoKit can be used to evaluate online behaviors and to address various ways of evaluating user engagement.
  www.oclc.org/research/events/2014/07-15.html

I always rely on OCLC Research to address the most important questions of our profession. The results of your rigorous methods and thoughtful analysis applied in your User Studies work have been very useful to me. I have referred to this work in presentations and papers, used it as a basis for deliberation and service changes at my library, and used it for the environmental scan for ACRL (which has profession-wide implications and impact). You run a great shop, and our global professional colleagues rely on your expertise!

Karen E. Downing, PhD, MILS
Head, Social Sciences, and Education and Foundations & Grants Librarian, University of Michigan

View the **video** of the OCLC Research Distinguished Seminar Series Presentation, "Inside the DPLA" with Dan Cohen, Executive Director, Digital Public Library of America (DPLA).
www.youtube.com/watch?v=lyYs1H2jSbc&feature=youtu.be

Select Presentations

- **"Failing Forward in the 21st Century"** was presented as a keynote at the ALA Sharjah International Book Fair in Sharjah, United Arab Emirates, by Senior Research Scientist Lynn Silipigni Connaway.
  www.slideshare.net/oclcr/failing-forward-in-the-21st-century
- **"Just when the caterpillar thought the world was over, it became a butterfly: Developing educational programs for an emerging profession"** was presented as the closing keynote at the IFLA Section on Education and Training 40th Anniversary Summit at the 80th IFLA General Conference and Assembly in Lyon, France, by Lynn Silipigni Connaway.
  www.slideshare.net/oclcr/connaway-ifla-set-keynote-august-18-2014
- **"Getting the Right Fit: Tailoring Assessment Strategies for Your Library"** was presented during an OCLC Collective Insight Event at Brandeis University in Boston, Massachusetts, USA, and also online as a webinar by Lynn Silipigni Connaway and Marie Radford.
  www.slideshare.net/oclcr/getting-the-right-fit-tailoring-assessment-strategies-for-your-library-35802926

- **"Building Relationships for the Effective Development and Delivery of Research Data Services"** was presented at the 20th Annual Reference Research Forum at the 2014 ALA Annual Conference in Las Vegas, Nevada, USA, by Research Scientist Ixchel Faniel, Senior Research Scientist Lynn Silipigni Connaway and OCLC Diversity Fellow Kendra Parson.
  www.slideshare.net/oclcr/building-relationships-for-the-effective-development-and-delivery-of-research-data-services-36847352

- **"Putting Research Into Context: A Scholarly Approach to Curating Data for Reuse"** was presented at the 77th Annual Meeting of the Association for Information Science and Technology (ASIS&T) in Seattle, Washington, USA, by Research Scientist Ixchel Faniel.
  www.slideshare.net/oclcr/putting-research-data-into-context-a-scholarly-approach-to-curating-data-for-reuse

- **"Reordering Ranganathan: Impacts of the Changing Research and Learning Environments on Library Services"** was presented as a seminar for the Consorci de Serveis Universitaris de Catalunya (CSUC) in Barcelona, Spain by Senior Research Scientist Lynn Silipigni Connaway and Senior Program Officer Titia van der Werf.
  www.slideshare.net/oclcr/reordering-ranganathan-impacts-of-the-changing-research-and-learning-environments-on-library-services

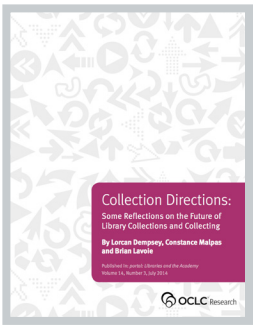
- **"Three Perspectives on Data Reuse: Producers, Curators, and Reusers"** was presented during the Research Data and Curation panel at the Digital Preservation 2014 in Washington, D.C., USA, by Ixchel Faniel and Elizabeth Yakel.
  www.slideshare.net/oclcr/three-perspectives-on-data-reuse-producers-curators-and-reusers

- **"Using Software for Qualitative Data Analysis"** was taught by Ixchel Faniel during the Statewide California Electronic Digital Library Consortium (SCELC) Research Workshop Day 2014 at the William H. Hannon Library at Loyola Marymount University.
  www.slideshare.net/oclcr/using-software-for-qualitative-analysis

Senior Research Scientist Lynn Silipigni Connaway discussed "Libraries of the Future" with Columbus State Community College and Columbus Metropolitan Library representatives on the WOSU radio show, **"All Sides with Ann Fisher."**
wosu.org/2012/allsides/libraries-future/

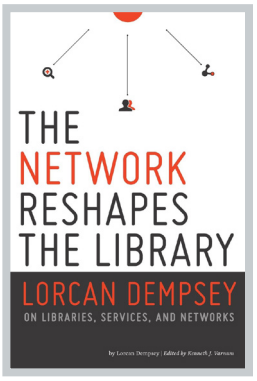
Contributions by Lorcan Dempsey and others

Publications



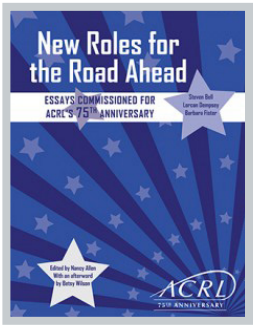
- OCLC published a preprint of **"Collection Directions: The Evolution of Library Collections and Collecting"** by Lorcan Dempsey, Constance Malpas and Brian Lavoie. This paper was originally published in the July 2014 issue of portal: *Libraries and the Academy*. It takes a broad view of the evolution of collecting behaviors in a network environment and suggests some future directions based on various simple models.
  www.oclc.org/research/news/2014/10-14.html

- **"A Platform Publication for a Time of Accelerating Change"** by Lorcan Dempsey and Scott Walter was published in *College & Research Libraries* 75:760–762; doi:10.5860/crl.75.6.760. In this article, Lorcan Dempsey and Scott Walter argue that academic libraries need a platform publication similar to *EDUCAUSE Review* to aggregate attention in their communities and beyond, and that *College & Research Libraries* is the most natural place to start.
  crl.acrl.org/content/75/6/760.full.pdf+html



- ***The Network Reshapes the Library: Lorcan Dempsey on Libraries, Services and Networks*** by Lorcan Dempsey and edited by Kenneth J. Varnum was published by ALA Publishing. This book brings together over ten years of blog entries from the influential library blog, **Lorcan Dempsey's Weblog**.
  www.oclc.org/research/publications/library/2014/network-reshapes-library-2014-overview.htmlorweblog.oclc.org

  View the **video** of Lorcan Dempsey and Ken Varnum discussing ***The Network Reshapes the Library***.
  www.youtube.com/watch?v=3ZagGyfUIDQ



- Lorcan Dempsey co-authored ***New Roles for the Road Ahead: Essays Commissioned for ACRL's 75th Anniversary***, with Steven J. Bell, Associate University Librarian at Temple University, and Barbara Fister, Academic Librarian at Gustavus Adolphus College. ACRL commissioned this collection of essays for its 75th anniversary to look at the changing nature of academic libraries. The collection includes the authors' thoughts on the world in which academic libraries will thrive, ways libraries are responding to change, and new roles for libraries and librarians.
  www.ala.org/acrl/sites/ala.org.acrl/files/content/publications/whitepapers/new_roles_75th.pdf

Presentations

- ***Libraries From Now On: Imagining the Future***, the American Library Association's invitational Summit at the Library of Congress in Washington, D.C., USA, featured Lorcan Dempsey as a participant.

- **"Thinking About Technology: Differently"** was presented as a keynote at the General Session at the 2014 LITA Forum in Albuquerque, New Mexico, USA, by Lorcan Dempsey.
  www.slideshare.net/lisld/thinking-about-technology-differently

Engagement

Although much of our work is organized by theme as illustrated in the report thus far, we also focus our efforts on developing and maintaining deep interconnections with library and archival institutions and organizations through personal and formal engagement. This allows us to represent OCLC interests/positions in these communities and also to represent library/archive interests in internal OCLC discussions, as well as regularly provide context or introductions for colleagues.

The OCLC Research Library Partnership—engaging research libraries around shared issues

OCLC Research recognizes the significant contributions made by research libraries to the cooperative. They have the capacity to experiment, innovate and provide direction that enhances their value to their institutions, to the cooperative and to society. To support the collaborative work done by research libraries, OCLC Research offers as one of its programs the Research Library Partnership. In this venue research institutions to work cooperatively on designing library futures. Partners connect with OCLC Research to mobilize the community around shared concerns. Together, we collectively identify, analyze, prioritize and design scalable solutions around our shared issues, making operational processes more efficient and shaping new scholarly services.

The Partnership currently comprises 167 Partner Institutions from 12 countries. New OCLC Research Library Partners in 2014 and their Partner Representatives included:

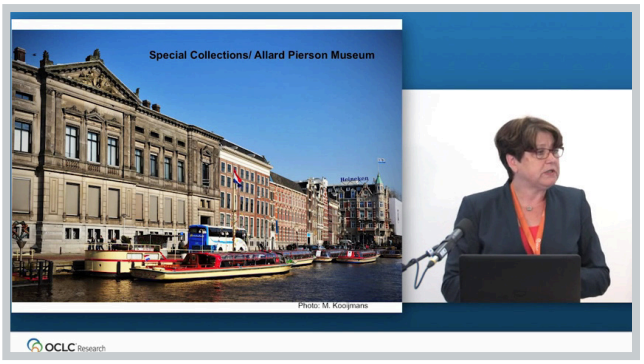
- Australian National University (Ms. Roxanne Missingham, University Librarian)
- Bryn Mawr College (Dr. Gina Siesing, Chief Information Officer and Constance A. Jones Director of Libraries)
- Deakin University (Ms. Anne Horn, University Librarian, Executive Director for Academic Support)
- Macquarie University (Mrs. JoAnne Sparks, University Librarian)
- Monash University (Ms. Cathrine Harboe-Ree, University Librarian)
- Montana State University (Mr. Kenning Arlitsch, Dean of the Library)
- University of California, Davis (Ms. MacKenzie Smith, University Librarian)
- University of Illinois at Urbana–Champaign (Mr. John Wilkin, Dean of Libraries and University Librarian)
- University of Western Australia (Ms. Jill Benn, University Librarian)
- Vassar College (Dr. Debra J. Bucher, Assistant Director of the Libraries for Collection Development and Research Services)

OCLC Research Library Partnership events

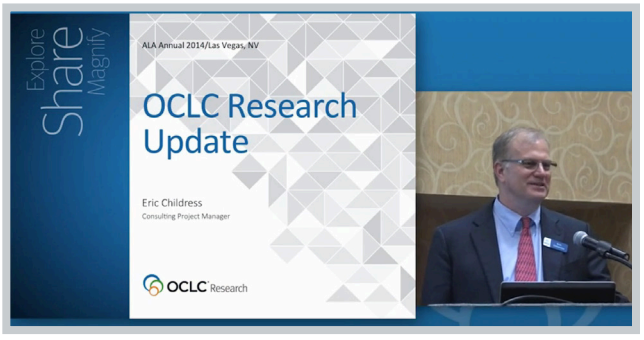
- Hosted the two-day meeting, **"Libraries and Research: Supporting Change/Changing Support,"** for more than 80 OCLC Research Library Partners in Amsterdam to explore the evolving nature of academic research practices and the new demands on research library services.
  - www.oclc.org/research/events/2014/06-10.html
- Hosted meetings at the **2014 ALA Midwinter Meeting** in Philadelphia, Pennsylvania, USA, and the **2014 ALA Annual Conference** in Las Vegas, Nevada, USA, to engage with Partners around current noteworthy projects, including:
  - OCLC Research Library Partnership Metadata Managers Focus Group meeting
  - SHARES Roundtable
  - OCLC Research Library Partnership System Heads meeting

  - oc.lc/research-alamw14
  - oc.lc/research-ala14
- Hosted the OCLC Research Library Partnership Roundtable at the Art Libraries Society of North America (ARLIS) Annual Conference in Washington, D.C., USA, to share information about current work among OCLC Research Library Partners and other ARLIS attendees.
- Hosted a Bay Area Reception for over 50 OCLC Research Library Partners at the California Historical Society during the 9th Annual International Digital Curation Conference (IDCC) in San Francisco, California, USA, to provide informal overviews about our current work.

View the **video playlist** from the "Libraries and Research: Supporting Change/Changing Support" meeting in Amsterdam.
www.youtube.com/playlist?list=PLLB61wwipFoZLzUPLXZS9CHqRaDSFeLie



View the **video playlist** from the OCLC Research Update at the 2014 ALA Annual Conference.
www.youtube.com/playlist?list=PLLB61wwipFoaqYYwObClBLG2KNHeYCUV8



SHARES

SHARES is an international sharing partnership that expands and enhances local collections with materials owned by OCLC Research Library Partners around the world. In 2014, 121 libraries at 89 member institutions shared about 90,000 items with SHARES partners across nine countries.

In 2014, the following OCLC Research Library Partners joined SHARES: Bryn Mawr College, Dartmouth College, University of Connecticut, University of Kansas, Vassar College and the health sciences libraries of Cornell University and The Ohio State University.

Top 10 reasons to attend SHARES Roundtable at ALA (as stated by attendees)

1. The discussions are so good.
2. The group is a nice size and it's always full of people with interesting projects and perspectives.
3. It provides a good handle on what other research libraries are doing in a more specialized environment than broader ILL discussion groups.
4. To connect with other SHARES folks and to find out what is going on at their shops.
5. Always looking for new ideas. It's a chance to network with experts!
6. It's great to be able to plug into a smaller group and meet people who we are lending to and borrowing from, people I had something in common with and would see again.
7. Librarians need professional development and being on SHARES groups is one way people can accomplish this.
8. Get to know your colleagues to forge lasting relationships of mutual trust and admiration.
9. Learn where OCLC Research Library Partnership time is being directed and have input in direction of future projects.
10. Meeting with our partners and hearing about our specific issues is key to providing extra good SHARES service to one another.

Hideyuki Seki from Keio University (an OCLC Research Library Partner institution) was appointed as an OCLC Research Library Partnership Fellow in 2014. As a Fellow, he learned more about our work and goals so that he could informally but effectively represent OCLC Research and the OCLC Research Library Partnership to his colleagues at Keio and to his peers in the Japanese research library community. His goals were to invigorate cooperation among research libraries in Japan, advance Keio University's research impact and reputation, and learn more about the US view of the future of digital preservation of access.

Active working groups in 2014

OCLC Research staff, OCLC Research Library Partners and others actively participate in the following working groups to collaboratively design our collective future:

15 Active Working Groups in 2014

	People	Institutions
Born Digital Advisors	14	14
Born Digital Outsourcing Working Group	8	8
Data Curation Building Blocks Working Group	10	9
Data Curation Funding Working Group	15	14
Data Curation Policy Working Group	10	10
ILL Cost Calculator Group	3	3
Metadata Managers Focus Group	87	48
Museum Library Advisory Group	7	7
Organizations in ISNI Task Force	14	13
Registering Researchers in Authority Files Task Group	12	12
Shared Print Advisory Council	9	9
SHARES Best Practices Working Group	11	11
SHARES Executive Group	8	8
SHARES Packaging and Shipping Task Force	10	10
Wikipedia Libraries Advisory Group	15	10

Support of scholarly research

In addition to conducting research ourselves, we support the research of others.

Our **OCLC/ALISE Library and Information Science Research Grants (LISRG)** support library/archival research and education by recognizing the importance of research to the advancement of librarianship and information science. The overall goal of these grants is to promote independent research, particularly work helping to integrate new technologies that offer innovative approaches, and research that contributes to a better understanding of the information environment and user expectations and behaviors. Grant awards range up to $15,000 and support one-year research projects.

In 2014, OCLC Research and the Association for Library and Information Science Education (ALISE) awarded Library and Information Science Research Grants to Denise Agosto of Drexel University and June Abbas of the University of Oklahoma; Leanne Bowler, Daqing He and Jung Sun Oh of the University of Pittsburgh; and Lynne (E.F.) McKechnie of the University of Western Ontario.

The **Frederick G. Kilgour Award** highlights research relevant to the development of information technologies, especially work that shows promise of having a positive and substantive impact on any aspect of the publication, storage, retrieval and dissemination of information, or the processes by which information and data are manipulated and managed. This annual award, jointly sponsored by OCLC Research and the Library & Information Technology Association (LITA), a division of ALA, is given for research relevant to the development of information technologies, especially work that shows promise of having

a positive and substantive impact on any aspect(s) of the publication, storage, retrieval and dissemination of information, or the processes by which information and data is manipulated and managed. The award consists of $2,000 in cash and an expense-paid trip to the ALA Annual Conference (airfare and two nights' lodging).

OCLC Research and LITA awarded Dr. Michael Buckland the 2014 Frederick G. Kilgour Award for Research in Library Technology for his outstanding educational leadership and research in Library and Information Science.

- www.oclc.org/research/grants.html
- www.oclc.org/research/kilgouraward.html

OCLC Research staff recognitions

The following OCLC Research staff were recognized for their outstanding contributions in 2014:

- Lorcan Dempsey was awarded the honorary degree of Doctor of the University by the Open University in the UK for academic and scholarly distinction in recognition of his leading contribution to the transformation of library services and culture.
- Senior Research Scientist Lynn Silipigni Connaway was appointed Chair of Excellence at the Universidad Carlos III de Madrid and to the Visiting Scholar position at the Royal School of Library and Information Science in Copenhagen, Denmark.
- Merrilee Proffitt was inducted as a Fellow of the Society of American Archivists. The distinction of Fellow is the highest honor bestowed on individuals by SAA and is awarded for outstanding contributions to the archives profession.
- Research Support Specialist Jeff Mixter was honored with the 2014 Kent State University SLIS Beta Phi Mu Student Achievement Award.

Learn more about **OCLC Research staff** on our website.

- www.oclc.org/research/people.html

OCLC Research was awarded a Presidential Citation of the Association for Library Collections & Technical Services (ALCTS) for outstanding service to ALCTS in the report, *Understanding the Collective Collection: Towards a System-wide Perspective on Library Print Collections*.

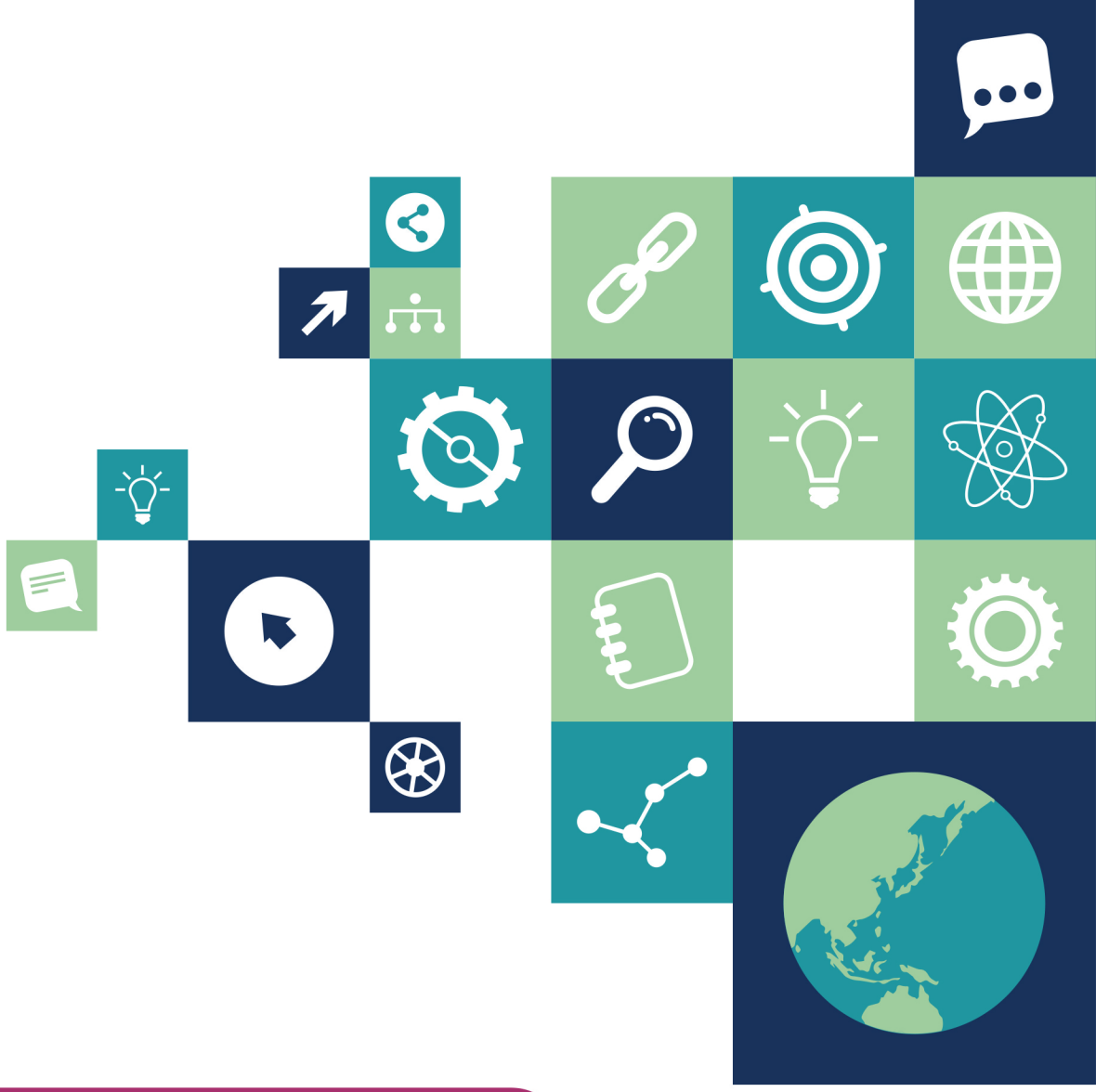
I am in awe of OCLC Research Staff (some of my very favorite professional colleagues) and the good work that you all do. With the many challenges facing libraries, we are lucky to have you all looking at the big picture.

Linda Barnhart
UC San Diego (retired)

Stay connected!

There are various ways to engage with OCLC Research staff, including social media (**Facebook** and **Twitter**), our **HangingTogether** and **Above the Fold** blogs, and a variety of email and discussions lists.

- www.facebook.com/OCLCResearch
- twitter.com/OCLC/lists/oclc-research
- hangingtogether.org
- above-the-fold.org



For more information about OCLC Research, please visit
www.oclc.org/research.html

OCLC Research

6565 Kilgour Place
Dublin, Ohio 43017-3395

T: 1-800-848-5878
T: +1-614-764-6000
F: +1-614-764-6096
www.oclc.org/research

ISBN: 1-55653-492-2
978-1-55653-492-8
1504/215370, OCLC