

OCLC Research Update

March–May 2019

OCLC Research to create applied data science research agenda

Thomas Padilla, currently Visiting Digital Research Services Librarian at the University of Nevada Las Vegas, has joined OCLC® as Practitioner Researcher-in-Residence. In this six-month position, Padilla is working with the library data science community to create an applied research agenda that charts a path for library community engagement with data science and a range of computational methods.

The agenda will be the product of a diverse set of community engagements guided by a working group made up of 14 representatives from university libraries, IIF Consortium, the Library of Congress, and OCLC Research. Read more about the working group and its members at oc.lc/agendawg.

A key part of this work is two upcoming events: first, a two-day retreat starting 23 April for OCLC Research Library Partnership institutions will focus on seismic shifts in research libraries. Following the retreat, the inaugural OCLC ResearchWorks event will articulate opportunities for data science, convening practitioners and disciplinary researchers to help shape an applied research agenda. Library directors, associate directors, department heads, and emerging leaders are encouraged to participate.

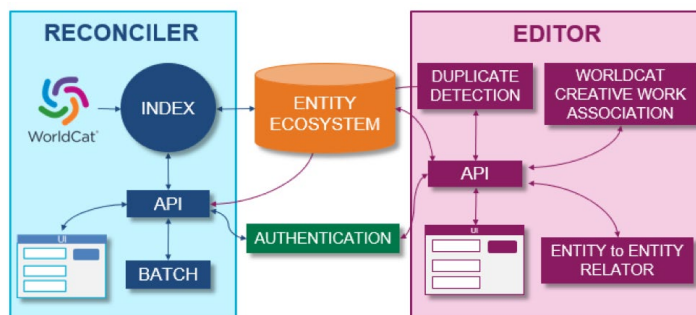
More information and registration at oc.lc/researchworks-event.

Report on Linked Data Wikibase Prototype coming soon

Recently, 16 research, academic, public, and federal libraries joined with OCLC in a research project that prototyped a new suite of linked data services. The project used out-of-the-box services from Wikibase and name entities available from FAST, VIAF®, and Wikidata to prototype services, including a reconciliation service and a service to view, create, and edit linked data entity descriptions and relationships.

The report will show how the Wikibase platform was adapted for libraries, and pilot participants will describe their experience creating metadata for resources in various formats and languages using the Wikibase editing interface. The case studies will reveal the potential of linked data in library cataloging workflows and the gaps that must be addressed before machine-readable semantic data can be fully adopted.

Learn about the prototype at oc.lc/linkeddatabase and look for a report on this project coming in June.



New self-paced course teaches libraries how to 'supercharge' storytime



WebJunction's updated Supercharged Storytimes free self-paced course launched in October and more than 1,400 people have already enrolled. Supercharged Storytimes is a research-based program that teaches storytime practitioners how to become a cornerstone in

children's early literacy development by implementing some simple practices that promote learning. Practitioners in the self-paced course are engaging in robust online discussions and sharing ideas about how to improve library storytimes as they work through the course's core content, applied learning, and reflection questions.

WebJunction® recently concluded a Facilitator Training for Supercharged Storytimes with approximately 100 participants who are now prepared to lead groups of learners through the Supercharged Storytimes self-paced course. The *Facilitator Guide* developed for the training is available to anyone who would like to use it in a learning group. Find out more at oc.lc/supercharged.

New project to help libraries respond to opioid epidemic

OCLC has been awarded a National Leadership Grant by IMLS to support public libraries considering a community-based response to the opioid crisis. In partnership with the Public Library Association, OCLC Research will produce eight case studies from varied communities in which the public library is already playing a role in responding to the opioid crisis. The project team will glean additional perspectives and insights from federal government agencies, public health and human services organizations, community organizations, and library leaders.

In addition to the case studies, the project team will create a call-to-action white paper and WebJunction webinar series, moderate a Facebook group, and curate content and resources for library staff across the country. Learn more about the project at oc.lc/opioid-crisis.

Libraries chosen for next 'Small Libraries Create Smart Spaces' cohort



Above: youth at Cornwall Public Library, NY, that was part of the first cohort, in their redesigned space.

Fifteen US public libraries were selected to participate in the Small Libraries Create Smart Spaces project led by OCLC in partnership with the Association for Rural and Small Libraries. This is the second cohort to participate, thanks to an award from IMLS to expand the 2016 National Leadership Grant project. The project team received 120 applications from 38 states, and the selected libraries represent 15 states and serve communities ranging in size from 900 to 15,500 people. The libraries are:

Beardsley & Memorial Library, Winsted, CT
Burnsville Public Library, Burnsville, WV
Caruthersville Public Library, Caruthersville, MO
Dodge Center Public Library, Dodge Center, MN
Fayette Public Library, La Grange, TX
Jackson County Public Library, McKee, KY
Laurel Public Library, Laurel, DE
Lopez Island Library, Lopez Island, WA
Poy Sippi Public Library, Poy Sippi, WI
Redfield Carnegie Library, Redfield, SD
Santo Domingo Pueblo Library, Santo Domingo Pueblo, NM
Show Low Public Library, Show Low, AZ
Steeleville Area Public Library, Steeleville, IL
Surgoinsville Public Library, Surgoinsville, TN
Waimea Public Library, Waimea, HI

As with the original cohort, participating staff from each library will be guided through the 15-month project designed by OCLC's WebJunction, in which they will work with their community members to reimagine and reconfigure library space to encourage socially engaging and active learning at the library.

Learn more about the project, and read the transformation stories of the first cohort at oc.lc/smartspace.

New resources help libraries plan for research data management

Researchers Rebecca Bryant, Brian Lavoie, and Ixchel Faniel have created a suite of resources for libraries that are considering Research Data Management (RDM) at their institutions. Through a report series, a three-part webinar series, and a Planning Guide, libraries have the tools they need to create a plan for RDM in their libraries.

In late 2018, the OCLC Research Library Partnership (RLP) engaged a group of member libraries to discuss the Realities of Research Data Management report series, published by OCLC Research. As part of this effort, a three-part set of resources was developed to support planning and decision making at institutions considering and developing RDM services.

Part 1 covers understanding RDM needs and requirements at local institutions, and identifying current offerings. Part 2 focuses on exploring the factors influencing the development of RDM services, including the examination of local and external incentives. And part 3 is dedicated to sourcing RDM services; seeking to answer the question: do you build or buy?

The resources for each section include a 60-minute webinar recording and slides, a learning guide to support exploration and help frame discussions with colleagues, recommended readings, and a summary of the group's discussions.

Access all the resources at oclc.org/rdm-guide.



OCLC Research considers how data repositories create trust and encourage use

OCLC researchers Ixchel Faniel and Chris Cyr are collaborating with the University of Michigan School of Information to study how data repositories can create trust and encourage continued use among scholars.

Repositories have devoted considerable resources to developing trust in their data by implementing third-party standards such as the ISO TRAC, Data Seal of Approval, and CoreTrustSeal, but what impact are they having?

Using data from a survey of 374 scholars who have reused data from the Inter-university Consortium for Political and Social Research (ICPSR), some things Faniel and Cyr are examining include six key drivers of trust (integrity, benevolence, transparency, identification, structural assurance, and performance expectancy), social influence, and whether trust interacts with data reuse experience and scarcity of data to drive continued use of ICPSR.

This work is the latest research from the IMLS-funded Dissemination Information Packages for Information Reuse (DIPIR) project. Find out more information about DIPIR at oclc.org/dipir.

Linked data survey findings available

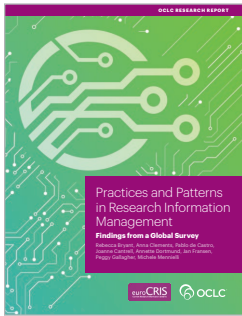
OCLC conducted the third iteration of the International Linked Data Survey for Implementers in 2018 and the results are synthesized and available in several forms. The survey garnered responses from 81 institutions, describing 104 linked data projects or services. Of the 104 linked data implementations, only 42 had been described previously.

Read results and findings in the article "Analysis of 2018 International Linked Data Survey for Implementers" by project lead Karen Smith-Yoshimura in the November 2018 issue of the *Code4Lib Journal*.

You can also watch a Works in Progress webinar recording in which she walks through the responses at oclc.org/ld-survey.

New reports from OCLC Research

PRACTICES AND PATTERNS IN RESEARCH INFORMATION MANAGEMENT

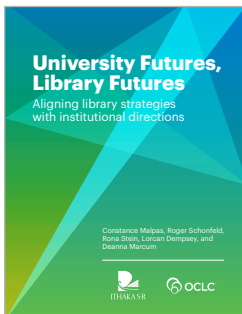


Research information management (RIM) systems are gaining interest and attention around the world. To examine the state of RIM practices worldwide, OCLC Research and euroCRIS jointly developed a web-based survey and now the resulting report, written by a working group comprised of experts

from both organizations, details the complexity of RIM practices. It examines how commercial and open-source platforms are becoming widely implemented across regions, and considers the factors that have led to the need for complex, cross-stakeholder teams to support institutional RIM activities, which increasingly includes the library.

In addition to the report, the full data set and more are available at oclc.org/rimsurvey.

UNIVERSITY FUTURES, LIBRARY FUTURES



Supported in part by the Andrew W. Mellon Foundation, OCLC Research and Ithaka S+R have published the report *University Futures, Library Futures: Aligning library strategies with institutional directions*. The report puts a framework around library services, explores emerging patterns in different institutional

settings, and gauges the importance of these service areas—now and for the future—according to surveyed library directors.

Learn more and read the full report at oclc.org/uffl-report.

Coming soon

Maple Leaves: Discovering Canada through the Published Record



OCLC Research will soon publish a new look at Canada's presence in the published record throughout the world by Senior Research Scientist Brian Lavoie. The Canadian contribution to literature, music, film, and other forms of creative expression is

rich and deep. In this report, Lavoie explores the contours of this contribution, as it is manifested in the collections of libraries around the world.

Using WorldCat®, the world's largest and most comprehensive aggregation of data describing global library holdings, the report traces the boundaries of the Canadian presence in the published record: i.e., materials published in Canada, by Canadians, or about Canada.

ABOUT OCLC RESEARCH

OCLC Research is one of the world's leading centers devoted exclusively to the challenges facing libraries, archives, and museums in a rapidly changing information technology environment. We work to activate communities of practice to produce knowledge, evidence, and models that help libraries plan with confidence, position with effect, and make an impact.

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