Carnegie Mellon University University Libraries

Scholarly Communications Digest

January 2015

In this issue

We want to hear from you

Send us your questions, suggestions for topics to address in the SC Digest, and information to include in the Digest.

Contact
Denise Troll Covey

From Keith and Denise

Happy New Year! We look forward to a productive year working with you. Your input on all University Libraries' initiatives is important. Please don't hesitate to send us your comments, questions and concerns.

Based on the responses we received to the Scholarly Communications Digest survey, we've devoted most of this issue to updates on CMU Libraries' scholarly communications projects. If you haven't already taken the survey to share your thoughts about the Digest, please do. Take the survey here.

ORCID Initiative @ CMU

The pilot project with CIT to create an ORCID ID for researchers who don't have one and to capture the ORCID ID of researchers who do launched on November 1, 2014. As of January 6, 2015, 33% of the 429 CIT researchers invited to participate in the pilot had used the web application to create or capture their ORCID ID and deposit it in the campus identity management system.

Lessons learned that will be applied as we expand the ORCID Initiative to other CMU colleges, schools and institutes in 2015 include:

- We need more aggressive marketing.
- We cannot rely on the college to provide an accurate list of current researcher names and Andrew email addresses. We need to get the data from Human Resources and the Registrar.
- Timing is important. Launching an important initiative during a busy holiday season is not optimal.

What can you do to help? Spread the word about the ORCID Initiative @ CMU. Make sure your constituents know what ORCID is and why it's important. Download flyers advertising why ORCID is valuable for researchers and for research institutions and distribute or post them at appropriate places for your constituencies. Your help with marketing is crucial for the success of the ORCID Initiative @ CMU.

Project Team: Michael Gettes (Computing Services), Chris Kellen, Gabrielle Michalek, Denise Troll Covey (Manager), Lisa Zilinski, liaison librarians.

Text and Data Mining

Text and data mining (TDM) entail the use of a computer to extract information from a large database or corpus. The information extracted enables the discovery of new knowledge and horizons. According to a 2012 Joint Information Systems Committee (JISC) report, TDM can increase researcher efficiency, improve the process and quality of research, yield economic and societal benefits, and facilitate the development of innovative services and business models.

The University Libraries are pursuing TDM rights for our licensed content. Without these rights, researchers who mine database content breach our contracts, can impair system performance and thereafter find their IP address denied access to the system. We are approaching content providers amenable to licensing TDM rights to secure these rights via an addendum to our existing license, and will pursue TDM rights in new licenses whenever possible. The first success story in these negotiations was with Elsevier. As of January 1, 2015, CMU researchers have the right to text and data mine content in ScienceDirect. We're currently working with Gale to secure TDM rights. But all is not necessarily rosy.

Any TDM rights may be better than no TDM rights, but licensing restrictions that limit how researchers can mine the content and what they can do with the results create barriers that hamper innovative uses and knowledge generation. Furthermore, TDM rights are meaningless if users are not aware of them, do not understand what they enable, or lack the requisite skills to mine the content.

According to a recent article in *D-Lib Magazine*, publishers are hesitant to allow TDM and reluctant to acknowledge legal limits on their rights regarding TDM. In the UK, for example, a license requiring a TDM researcher to use only the publisher's approved Application Programming Interface (API) is not lawful. The article recommends TDM policy points for publishers and – in response to gaps in researcher awareness, knowledge and ability –

challenges funders and institutions to teach TDM techniques to interested researchers, including PhD candidates.

What can you do to help? Read the JISC report, Value and Benefits of Text Mining. Familiarize yourself with Elsevier's TDM policy. Read about Gale's TDM plans. As these new services become available to our users, promote them to your constituencies and be prepared to answer questions about them.

Elsevier ROS Study

The Elsevier Researcher Operating System (ROS) study is coming to a close. The third and final test of the prototype tools will be conducted on campus the week of January 26.

The ROS study initially considered tools for nine use cases. Based on participant feedback, development focused on three tools designed to facilitate writing, current awareness, and researcher profiles. Elsevier provided important findings from the study to date in December. The findings are confidential, but reveal that the tools being developed offer unique features informed by researcher values and aligned with researcher needs at various stages of their career.

Participants in the study have been instructed to update their Scopus profiles before the January test period. The data will be loaded into the prototype tools prior to the test session so that they're working with their own content.

Elsevier will continue to develop the tools based on the results of the January tests. Though no more formal tests will be scheduled, Elsevier will create a ROS community in Mendeley to enable researchers to use the developing tools as new versions become available.

Study Coordinator: Denise Troll Covey

Kudos Pilot

Anyone at CMU can create a [Kudos](#) account and use the Kudos tools for free – even if CMU Libraries were not participating in the pilot.

The pilot, tentatively scheduled to launch in February 2015, will give us access to an institutional dashboard where we can monitor use of Kudos by the CMU community and the effect of this use on the impact of their research. We will provide Kudos with feedback on the design and functionality of the dashboard.

We're also trying to design a study to assess whether use of the Kudos tools is more or less beneficial for well-established senior researchers or early career researchers. Matt Marsteller is helping with the design of the study.

What can you do to help? [Register](#) for a Kudos account and familiarize yourself with the tools. Promote Kudos. Be prepared to answer questions.

Pilot Coordinator: Denise Troll Covey. Study Design: Matt Marsteller, Denise Troll Covey, Keith Webster.

Increasing Access

The Library Policy and Planning Group (LPPG) approved a project to aggressively promote deposits in Research Showcase, including use of Creative Commons licenses where appropriate, and use of the Libraries' fund to help pay Article Processing Charges (APC) levied for open access publishing. The project aims to:

- Increase discovery, use, and ultimately the impact of CMU work.
- Promote CMU's position on open access, embargoes, and author rights and responsibilities.
- Increase the use and perceived value of the University Libraries' services and expertise.

What can you do to help? Learn and help promote [Research Showcase](#), the [eligibility criteria](#) for the Libraries' APC fund, and the CMU [Guidelines on Author Rights and Preservation](#).

Project Team: Katie Behrman, Gabrielle Michalek, Denise Troll Covey (Manager), liaison librarians, marketing & communications.

CMU ETDs

Two projects will launch in 2015 to increase open access to CMU electronic theses and dissertations (ETDs) and other important works.

The first project, approved by LPPG, will harvest and deposit in [Research Showcase](#) open access copies of School of Computer Science (SCS) dissertations, theses and other gray literature currently available on the SCS [Publications](#) website. We will harvest content from the website only once. Going forward, SCS will follow established workflows, e.g., for submitting dissertations to CMU Libraries for deposit in Research Showcase and/or ProQuest. Author permissions are not required because authors presumably gave permission for open access to their work on the SCS website.

Project Team: Katie Behrman, Denise Troll Covey (Manager), SCS graduate student administrators.

The second project will scan CMU dissertations in the Libraries' print collection and deposit the digital copies in Resarch Showcase. Permission from the authors is required to provide open access to these works. University legal counsel approved the permission request letter. Expectations are that LPPG will approve this project early in 2015.

Project Teams: Dawn Caldwell will request the permissions, with guidance from Denise Troll Covey. Ann Marie Mesco will oversee the scanning and metadata capture.

RDM Policy

Responding to the Faculty Senate's request for the University to develop a Research Data Management (RDM) Policy has been difficult. Carnegie Mellon's RDM Policy must comply with federal data management policies, but with few exceptions, federal agencies have not released drafts of their policies. Meanwhile, the University is changing the process by which University Policies are developed. The new process has not yet been documented. We'll keep you posted.

Project Manager: Denise Troll Covey. Project Team not yet assembled.

Lifecycle Revisited

Responses to the SC Digest survey indicate some confusion about headings often used in the Digest. Explained in the first issue of the Digest (April 2014), the headings divide the research lifecycle into four activity groups for which the Libraries must provide support:

- **Discover** – Researchers need tools to help them discover resources important to their work.
- **Gather and Manage** –They need tools to help them acquire and manage the resources they want to use, including articles, citations and data.
- **Create and Share** – They need tools to help them create and disseminate new work.
- **Maximize Impact** – And they need tools to help them measure, maximize and demonstrate the impact of their work.

Get Engaged!

75% of the SC Digest survey respondents indicated they want some way to engage with the Digest topics that interest them. Group discussions and outside speakers were the preferred methods of engagement.

Tell us which topics interest you most. Send email to Denise Troll Covey.

If you haven't already, please take the survey here to let us know what you think.

Must Reads

Access to Everything: Building the Future Academic Library Collection by Michael Levine-Clark, 2014. "As libraries continue to evolve, they will focus strongly on special collections while adopting a goal of providing access to as much other content as possible. The collection will be everything that the library can identify that fits local curricular and research needs, and the means of access will be driven by cost."

Building Support for Research Data Management by Katherine G. Akers, Fe C. Sferdean, Natsuko H. Nicholls, Jennifer A. Green, 2014. This article focuses on the prominent role of the library in educating and assisting researchers with research data management (RDM) throughout the research lifecycle. It includes timelines for eight academic research libraries depicting key steps in building support for RDM and discusses motivations to provide RDM support, campus collaborations, staffing, and assessment of needs and services.