Carnegie Mellon University University Libraries

Scholarly Communications Digest

November 2015

In this issue

We want to hear from you

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

Contact
Denise Troll Covey

From Keith and Denise

This issue introduces the university's strategic recommendation for CMU Libraries: become a 21st century library. It provides examples of how we are already moving in that direction, attempts to dispel myths, and showcases our expertise. In keeping with this month's focus in the #OpenCMU campaign, the issue also addresses copyright.

The 21st Century Library

CMU's new strategic plan calls for the creation of a 21st century library as a cornerstone of world-class research and scholarship. With digital becoming the default format for information, library-provided resources, services and spaces are vital to the CMU community. Creating a 21st century library requires CMU Libraries to:

- Develop expertise and partner in research, teaching and learning
- Collaborate with peers to provide access to global resources
- Steward the evolving scholarly record
- Champion new forms of scholarly communication
- Become a leader in developing the scholarly information ecosystem

10 Things a Librarian Can Help You Do

Did you know that CMU librarians can help you:

1. Understand and comply with funder public access mandates
2. Assess the quality of open access journals
3. Develop a data management plan for your research data
4. Interpret publisher agreements and manage your copyrights
5. Examine your research presence in the world of published literature
6. Obtain funding to publish open access
7. Facilitate text and data mining in selected library-licensed databases
8. Provide training and tools for research metrics
9. Identify an appropriate repository for your publications and data
10. Understand and engage with open research practice

These are just some of the ways CMU librarians can help you. See inside to discover our expertise and how quite possibly your perception of what CMU Libraries has to offer is mistaken.

Update Your Thinking

The results of a recent survey reveal that many CMU faculty have an out-dated understanding of what a library is and does. Perhaps it's time to update your thinking about libraries in general and CMU Libraries in particular.

The library is not just a building housing collections of books and journals. Most of CMU Libraries' collections are available online; no need to come into the building. The same can be said of our service offerings.

CMU Libraries' collections are not what they were a few years ago. Researchers lament that we don't have needed journal titles when in fact we do have the titles they mention when they contact us. If you think we don't have a title you need, consult your liaison librarian to find out.

Furthermore, the library is not just a purchaser or licensee of materials. In support of research, teaching and learning, CMU librarians can:

- Recommend and connect you with research databases and collections at CMU and elsewhere that address your research needs
- Provide expert information discovery and retrieval services
- Consult with you about copyright, author rights, and related issues
- Help you publish open access or deposit your work in an open access repository
- Help you get an ORCID and link it to your Andrew ID to facilitate discovery of your work and communication with your research sponsors
- Help you develop course assignments
- Create online research guides for disciplines
- Create customized online guides for courses and assignments
- Consult with students about research methods and resources
- Collaborate in team teaching

The Libraries also provide financial support for open access publishing, and will deposit your work for you or help you deposit your work in CMU's open access repository, Research Showcase @ CMU.

Dispel the Myth

Despite the ongoing lack of evidence that deposits of peer-reviewed articles in open access repositories leads to cancelled journal subscriptions, many publishers continue to fuel Fear, Uncertainty and Doubt (FUD) about the sustainability of scholarly journals in such an environment. They push for long embargoes (delays) on free deposits in open access repositories, much preferring fee-based open access publishing.

No wonder they prefer open access publishing. According to Holly Else at Times Higher Education, open access publishing netted publishers £10 million in payments from 55 research institutions in the UK as a result of the national Research Councils' open access policy; Elsevier and Wiley each netted roughly £2 million. And that doesn't include revenue from open access publishing fees garnered from institutions outside of the UK.

Elsevier and Wiley are champion spreaders of FUD about open access repository deposits. Both claim that an embargo shorter than the half-life of the articles in a journal — the time it takes for articles to reach half their total number of downloads — threatens the journal's viability. Both claim that the article half-life provides solid evidence on which to base the embargo policy for a given journal. Danny Kingsley explains why this is poppycock in Half-life is half the story.

Find Expertise @ the Library

Every CMU school or department has a liaison librarian to support research, teaching and learning. All the liaisons and other specialists are listed here with a link to their email. Send an email to your liaison or other specialist. Tell them the top three things you need to facilitate your work. Ask them your pressing questions about support for your work. Share your concerns about CMU Libraries. We want to hear from you.

CFA
- Architecture – [Martin Aurand]
- Art – [Mo Dawley]
- Design -– [Jillian Chisnell Miller]
- Drama – [Mo Dawley]
- Music – [Kristin Heath]

CIT
- Biomedical Engineering – [Donna Beck]
- Chemical Engineering – [Donna Beck]
- Civil & Environmental Engineering – [Lynn Berard]
- Electrical & Computer Engineering –[Matt Marsteller]
- Engineering & Puublic Policy – [Lynn Berard], [Sue Collins]
- Materials Science & Engineering – [Donna Beck]
- Mechanical Engineering – [Lynn Berard]

DC
- Economics – [Roye Werner]
- English – [Ethan Pullman]
- History – [Sue Collins]
- Information Systems – [Teresa MacGregor] & [Alicia Salaz] (CMU-Q)
- Linguistics – [Ethan Pullman]
- Modern Languages – [Ethan Pullman]
- Philosophy – [Ethan Pullman]
- Psychology – [Sue Collins]
- Social & Decision Sciences – [Afeworki Paulos]
- Statistics – [Afeworki Paulos]

HC
- Heinz College (PP&M) – [Afeworki Paulos]

MCS
- Biological Sciences – [Diane Covington]; [Teresa MacGregor] & [Alicia Salaz] (CMU-Q)
- Chemistry – [Diane Covington]
- Mathematical Sciences – [Matt Marsteller]
- Physics – [Matt Marsteller]

SCS
- Computer Science – [Jillian Chisnell Miller]; [Teresa MacGregor] & [Alicia Salaz] (CMU-Q)
- Robotics – [Jillian Chisnell Miller]

TSB
- Business – [Roye Werner]; [Teresa MacGregor] & [Alicia Salaz] (CMU-Q)
- Economics – [Roye Werner]
- Tepper School – [Roye Werner]

OTHER
- Data Management – [Lisa Zilinski]
- IDeATe – [Jillian Chisnell Miller]
- Scholarly Communications – [Denise Troll Covey]
- Special Collections – [Mary Catharine Johnsen]
- University Archives – [Julia Corrin]

Understand Copyright

Carnegie Mellon University expects CMU faculty, students and staff to comply with U.S. copyright law. Compliance entails understanding:

- What U.S. copyright law protects
- What it doesn't protect
- The copyright owner's exclusive rights
- The legal exceptions and limitations on these exclusive rights, e.g., fair use

Need a quick refresher? See the mini-slideshows Copyright Primer and Fair Use Primer.

Manage Your Copyrights

The university expects members of the CMU community who own copyright to work produced at the university to manage their copyrights effectively, in compliance with the law and in the service of the university's mission to disseminate knowledge. Effective copyright management broadens dissemination and increases use of CMU work. To achieve these goals, the university strongly encourages CMU copyright owners to:

- Make their work freely available on the Internet by either publishing open access or depositing their work in an appropriate open access repository, such as Research Showcase @ CMU.
- License use of their work under an open license, such as a Creative Commons license, granting users as broad a set of rights as possible. When an open license is not possible, copyright owners should consider transferring only those copyrights essential to accomplish their goal.

Learn more:
- CMU Guidelines on Author Rights & Preservation
- Open Access FAQ
- Research Showcase @ CMU
- Research Showcase FAQ
- Research Showcase 2015 usage report

Publisher CC License Options

The White House Office of Science and Technology Policy directive issued February 2013 mandates public (open) access and encourages re-use rights to peer-reviewed articles arising from federally funded research. To enable authors to grant re-use rights to their work, publishers are increasingly offering options to publish work under a Creative Commons (CC) license, the popular open licensing scheme for copyrighted work.

A CC license enables copyright owners to designate what users may do with their work without asking them for permission. CC offers a suite of licenses and a tool to waive all copyrights and put the work in the public domain.

Publishers typically offer these CC licenses:

- CC-BY (Attribution) – Users may distribute, remix, alter, and build upon the work, commercially and non-commercially, as long as they credit the author for the original work.
- CC-BY-NC (Attribution-NonCommercial) – Users may distribute, remix, alter, and build upon the work non-commercially, as long as they credit the author for the original work.
- CC-BY-NC-ND (Attribution-NonCommercial-NoDerivatives) – Users may distribute the work non-commercially, as long as they credit the author and the work is distributed unchanged.

Learn about other CC licensing options here. Similar open licenses are available to grant re-use rights to data; see Conformant Licenses. Openness and sharing are trending in scholarly communication. Participate in #OpenCMU.

Actions for Researchers

Win an #OpenCMU t-shirt

Elevent of your CMU colleagues have already won an #OpenCMU t-shirt. There are 10 ways to win:

1. Cite an open access article in a publication. Post the citation to (or a copy of) your article and note the referenced open access article.
2. Import your works into your ORCID record. Post or send the URL of your ORCID record.
3. Perform an open peer review. Tell us where we can find your review.
4. Submit your work for open peer review. Tell us where to find the open review.
5. Open access to your data and code. Post a link to your shared data or code in Figshare or Github. Or contact Data Services Librarian [Lisa Zilinski](#) to register your data or code in our repository.
6. Publish something under an open license. Post or send us the URL.
7. Publish an article, conference paper or book open access. Post or send us a link. (CMU Libraries have a fund to provide financial support. See the [eligibility requirements](#).)
8. Share the Research Showcase @ CMU [infographic](#) or other #OpenCMU materials either physically (e.g. on your office door,) or virtually. Send us a picture (or selfie!) or tag or CC us in your shares and retweets. The other #OpenCMU content is [here](#) or on social media.
9. Deposit one or more of your works in [Research Showcase @ CMU](#). Post or send us the URL. Or send your work to [Katie Behrman](#) to deposit for you.)
10. Put your ORCID in your email signature file or in your publication contact infor. Send a message or post a screencap so we can see your ORCID. Get an [ORCID @ CMU](#).

Share your #OpenCMU links and tag [@ CMULibraries](#) on Twitter, post to our [Facebook](#) timeline, or send an email to [Denise Troll Covey](#) so we can see what you're doing. Include #OpenCMU in your posts or email subject heading.

T-shirts will be awarded on a first-come, first-served basis. One per person.

Compete for the Open Science Prize

Launched October 20, 2015, by the Big Data to Knowledge (BD2K) initiative of the National Institutes of Health, Wellcome Trust, and Howard Hughes Medical Institute, the Open Science Prize invites international teams to submit ideas for new services, tools and platforms that will make it easier for researchers, citizen scientists and the public to discover and mine the wealth of digital information being generated through health research. The Open Science Prize is a two-phase competition to make digital information and data more accessible and usable:

1. Up to six teams will receive prizes of $80,000 to develop a prototype or to further develop an existing early-stage prototype.
2. The team with the prototype judged to have the greatest potential to advance open science will receive a prize of $230,000.

The [Open Science Prize](#) is open for submissions until February 29, 2016.

Actions for Librarians

Share your efforts to promote open

Given the growing involvement of funding agencies in open access to publications and data arising from their funding, Keith has been asked by the Academic Leadership Council to provide a full report of the Libraries' efforts to promote open access. To inform his report, by November 20, 2015, please share with him your successful and perhaps not-so-successful efforts to promote open access and #OpenCMU in your liaison areas. Tell him both what you did and how your efforts were received. Please also let him know your future plans to promote these initiatives and how he might provide support for your efforts. Thank you.

Promote the #OpenCMU t-shirt giveaway

Eleven CMU researchers have already won an #OpenCMU t-shirt:

1. Drama – Wendy Arons, Professor of Dramatic Literature
2. EPP – Travis Carless, doctoral student
3. EPP – William Frankenstein, doctoral student
4. EPP – Daniel Gingerich, doctoral student
5. EPP – Paul Tisa, doctoral student
6. Math Sci – Russell Walker, Teaching Professor
7. MechE – Venkat Viswanathan, Assistant Professor
8. MSE – Brian Decost, doctoral student
9. Music – Morgan Wynn, masters student
10. Statistics -- Nicolas Kim, doctoral student
11. Tepper – David Hopkins, masters student

These supporters could help you promote #OpenCMU in your areas. Reach out to them. And promote the #OpenCMU t-shirt giveaway to your constituencies to help us identify other champions of open.

Promote Research Showcase @ CMU

One of the goals of the #OpenCMU campaign is to increase deposits in Research Showcase. To help achieve this goal, send to your constituencies:

- The Research Showcase 2015 report. The report provides data on documents and downloads per college and for the Dissertations and Theses Collection.
- The data Katie Behrman sent you on Research Showcase docs and downloads per department. Department Heads are particularly interested in these data.

Here are some other ways you can promote Research Showcase:

- Print and post the Research Showcase 2015 infographic on a bulletin board or display case in the department. The infographic can be printed on 11x17 paper; trim the broad white borders. Contact Denise or Cindy if you need help.
- When you discover that researchers in your area published an article or had an article accepted for publication, check the journal's open access policy. If the policy allows repository deposits, email the researcher to request a copy of the final peer reviewed manuscript. Send the copy to Katie to deposit in Research Showcase. She'll set any applicable embargo so that the work becomes open access in compliance with journal policy.
- When you talk to graduate students, encourage them to deposit their thesis or dissertation in Research Showcase. Inform them that they can delay open access if there are compelling reasons to delay.

Anything you can do to promote Research Showcase deposits will be much appreciated. Be sure to tell us about your efforts so we can acknowledge your good work.