

Scholarly Communication and Publishing

Unit Annual Report

July 1, 2019 - June 30, 2020

Submitted By: Daniel G. Tracy

I. Unit Narrative

1. The major activities and accomplishments of the unit in FY20:

While the COVID-19 pandemic affected all areas of the library beginning in March, Scholarly Communication and Publishing's activities were relatively easy to adapt to a work-from-home environment. The biggest casualties were the planned "Day of DH" even scheduled for April, two IOPN publications which were planned to publish in late spring but put on indefinite hold by the authors due to major disruptions to their work and institutions of higher education, and delays to a grant related to planning and developing OER for a high-enrollment campus course.

Nonetheless, the unit made great strides before and after the pandemic arrived to campus. IOPN further established its operations, including a new legal agreement for print-on-demand where publications are amenable to it, progress on implementation of journal preservation workflows and testing of long-form publication workflows, improvements to the IOPN online presence, publication of three new titles, and a the foundation for collaborations with the University of Illinois Press and the continuation of the HWW series under the Publishing Without Walls imprint. Dan Tracy received one of the library's strategic funding initiative grants to work on processes to publish scholarly digital editions with IOPN infrastructure, with plans for two editions to kick off a new series. Alex Dryden made substantial progress toward completion of development of a major module for Omeka S, a long-standing goal that was poised to go into production in early FY21. We were especially pleased to see our AFRO-PWW series, under the Publishing Without Walls imprint, win one of the inaugural Open Scholarship Awards in fall 2019, in the category of [Open Publishing Model](#). Likewise, one specific AFRO-PWW publication, Kenton Ramsby's *#TheJayZMixtape*, received an Honourable Mention for the 2020 Open Scholarship Award.

In the area of Digital Humanities, Spencer Keralis spent the year setting up initial workshops, consulting with people on projects and instruction, and building the foundations for important new relationships including with the Siebel Center for Design and the Krannert Art Museum. He also took the lead on a project to develop a new, central library digital exhibits strategy. This follows up on some long standing plans for SCP to work with RBML on a digital exhibits solution, and capitalizes on newfound capacity due to Spencer and programmer Alex Dryden joining the library, as well as the familiarity the unit has gained with Omeka S, the digital exhibits platform, though the development of IOPN's installation. He worked with several units to develop test case exhibits during FY20, with roll-out to the entire library pending in fall 2020.

The unit worked on several initiatives to promote awareness of Open Educational Resources, including during Open Access Week and, in March, an event featuring speaker Jasmine Roberts. This event was streamed with promotion by CARLI to librarians across the state in celebration of Open Education Week. To date, the streaming video on YouTube has 377 views in addition to the audience at the initial event. Sara Benson hosted this event and received a library strategic funding initiative grant to work on OER development with faculty.

Services related to Researcher Information Systems reached a major milestone and recognition of the success of Illinois Experts, as Mark Zulauf led the renegotiated MOU with the Office of the Vice Chancellor for Research and Innovation (OVCR), leading to an increase in total profile licenses (from 2,500 to 3,000) as well as new funding for staff. In collaboration with the Research Data Service, an automated connection between the Illinois Data Bank and Illinois Experts was successfully established and provides Experts with updated dataset metadata on a daily basis. Outside Experts, in collaboration with Library IT, Technology Services, and Public Affairs Web Services, the ORCID API was successfully integrated with the campus LDAP directory via the ORCID@Illinois app, which facilitates creation of an ORCID iD and connection of that iD with the researcher's campus identity. As a result, the University was named a 2019-20 ORCID US Community Award Winner for Institutional Achievement.

Working with the Scholarly Communications and Repository Services (SCaRS) unit, development for a new repository software platform to replace DSpace as the infrastructure for IDEALS began in earnest at the beginning of FY2020. We've made progress in development but still have a significant ways to go. Other work for the new repository system that didn't require software development, including the metadata framework, review and revision of existing IDEALS policies, and an assessment of current IDEALS users and their needs and behaviors, continued in parallel. Additionally, in FY2020, all approved electronic graduate theses and dissertations for the three terms: Spring, Summer, and Fall 2019 have all been ingested into IDEALS.

Finally, Dan Tracy worked on a few open access projects including working with a small group to establish an authoritative list of the vendors with whom Illinois authors can get waivers or discounts or article processing charges, resulting in updating the OA Policy libguide to be a more inclusive "Open Access at Illinois" guide with tabs on APC waivers and evaluating open access journals. Dan also has also joined a small group including stakeholders from ACS and across the library to discuss strategy related to transformative agreements. With the change in SCP reporting to AUL Tom Teper in FY21, these activities could serve as the foundation for increased work around open access strategy.

2. Review the major challenges faced by the unit during that period;

- The major challenge in this period was the lack of a Digital Publishing Specialist while the search was ongoing, which limited progress on larger IOPN press strategic issues and larger scholarly communications outreach in order to focus on day-to-day

publication management. However, the vacant position was happily filled in spring with a start date at the beginning of FY21.

3. Significant changes to unit operations, personnel, service profile, or service programs;

- Alex Dryden (a dotted-line report from Library IT) began as a visiting programmer in August 2019. His responsibilities primarily involve working with IOPN, but he is also contributing to Digital Exhibits infrastructure (see next bullet) and Undergraduate Journals infrastructure.
- The unit is now the home for an emerging central library digital exhibits strategy. Spencer Keralis, in his role as DH Librarian, has led this initiative with stakeholder units. This builds on ongoing prior discussions about the possibility of SCP providing exhibits support for library units, for which we have only recently had the capacity to act on.
- Due to the renegotiation of our Illinois Experts, MOU with the Office of the Vice Chancellor for Research and Innovation, we received a permanent funding transfer to increase our total seats in Illinois Experts and to fund additional GA time and 25% of a programmer's time to work on Experts.

4. Contributions to Library-wide programs:

Reference, research consultations, and other information services

The unit provides a large number of e-mail, in person, video, and telephone consultations about copyright, publishing, repositories, digital humanities, and researcher information systems to University faculty, staff and students. Detailed statistics are in Part II.3 of this report.

Instructional services

The unit provides numerous Savvy Researcher workshops each semester, as well as guest lectures and instruction in other units, particularly in the areas of copyright, digital humanities, and publishing. Instructional statistics are in Part II.3 of this report. Additionally, Sara Benson teaches a full-term course on copyright at the iSchool.

Scholarly communications and publishing

- Sara Benson continues to lead the Campus Wide Copyright Taskforce, which drafts and sends out the mandatory Mass Mail each fall detailing the campus copyright requirements pursuant to federal law. She collaborates closely with the Office of General Counsel as well on strategic copyright matters.
- Dan Tracy worked with a small group including Wendy Shelburne and Sara Holder (representing CDC) to identify all exstic publisher APC reductions or waivers and create a new tab of the library's open access guide to make this information public,

which was revised to focus on open access at Illinois generally rather than only the faculty OA policy.

- Dan Tracy also met with an ad-hoc group from ACS and other library units to discuss transformative agreements and library strategy in this area.
- Sara Benson again hosted the Fair Use Gameshow for Fair Use Week (45 attendees).
- IOPN published three new long-form titles, and increased the number of journal titles publishing with us (or preparing their first issues) to five. Approximately five other long-form titles are in development and numerous others in the exploratory stage.
- As this topic substantially overlaps with unit services, a variety of other items in this area are tracked elsewhere in this report.

Assessment

- The unit's assessment strategy continues to evolve. In FY20 we implemented unit-wide, year-round use of DeskTracker, including the new tab on engagement. Reference statistics from that development are in Part II.3 of this report. Unit members also developed statistical representations of their work for key initiatives (IDEALS, IOPN, and Experts) that are included in Part II.4 of this report.

Collection management

- Graduate theses and dissertations from May, August, and December 2019 have been ingested into IDEALS.

Digital content creation

- Library-wide Omeka S implementation for digital exhibits is underway, pending a formal launch in Fall 2020, with collaboration from RBML, Archives, Ricker, and Digitization Services.

Staff training and development

- Spencer Keralis conducted unit-level training on Omeka S for staff in Ricker Library, RBML, and Archives.
- Spencer Keralis hosted a workshop on Tropy (<https://tropy.org/>) with project staff from George Mason University for library stakeholders.

Diversity

- Spencer Keralis is the Principal Investigator on the EC Strategic Planning Initiative Fund grant project "Becoming a Trans Inclusive Library." Two reading groups and six workshops were conducted.
- IOPN staff continue to partner with the Department of African-American Studies on AFRO-PWW, including planning for a second phase grant. This publication initiative and series seeks to provide space for innovative publishing in the fields of African-American and Black Studies.

Public Engagement

- Mark represented the University in a nationally presented ORCID webinar as a panelist on ORCID integration into research information management systems.

5. Progress made on Unit Annual Goals for FY20 (as enumerated in the FY19 Unit Annual Report);

- Foster further open textbook reviews by faculty members as well as fostering interest in OER creation and adoption on campus (SD3);
 - Sara completed co-chairing the Course Materials Taskforce study (in June, 2020) initiated by the Chancellor and, in the process, OER expert Jasmine Roberts was invited to speak on campus. She gave a talk in the new Scholarly Commons space in February.
 - OER textbook peer reviews continue through CARLI collaboration with the Open Textbook Network.
 - IOPN's journal SourceLab, which produces OER in History, went live with its first official issue in May 2020.
 - The unit collaborated with the Scholarly Commons to promote OER and open textbooks during Open Access Week 2019 with blog posts and interactive posters in various departmental libraries. Over 1,500 students participated.
- Create, market, and assess a new video series, branded part of the Copyright Chat Channel co-produced with CITL (SD3);
 - The video series is being promoted well and Sara frequently directs patrons to the videos for additional information about specific topics, such as the fair use video available at <https://go.illinois.edu/FairUseVideo>
 - There is demand for additional video creation, but this is currently on hold due to COVID.
- Continue to promote the Open Access Policy on campus through targeted outreach (SD3);
 - One of the videos Sara Benson's Copyright Chat Channel is about the Open Access Policy and that video has been shared with the Campus Senate Listserv.
 - Dan Tracy worked with a small group charged by CDC to review and identify any existing agreements that give faculty an APC reduction for particular journals and publishers. Dan completed a significant revision of the Open Access policy guide to provide broader info on OA at Illinois, including a tab with this information and a tab on evaluating open access journals.
- Successfully transition out of the initial PWW grant-funded period into standard IOPN services, including launch of new website and social media presence, invitation of standing advisory board, and further policy development (SD1);
 - With this end of the grant approaching in September 2020 (although an extension is now expected through the end of the year), we are well-poised to move forward. The new website is launched including a news blog, and the PWW Twitter account has been changed to IOPN. Advisory board invitations were poised to go out in spring but put on hold due to COVID, but we anticipate that in early FY21.

- Establish preservation and improved media workflows for IOPN publications (SD1);
 - We have successfully established workflows for preserving conventional digital journals in IDEALS, and we have better media asset management in place for videos where authors own the copyright as well as ArcGIS maps. Digital preservation of long-form works remains a key goal for 2020.
- Continue to explore press partnerships, especially with the University of Illinois Press, including renewing conversations about print-on-demand options (SD1);
 - Conversations with the University of Illinois Press have led to a cross-referral strategy we will implement moving forward. Ultimately this partnership proved not to be the best solution for print-on-demand services, but we have established another mechanism for that being used for the first time in early FY21.
- Connect to or otherwise obtain data (relating to datasets, patents, grants, research facilities & equipment, etc.) from other campus systems in order to expand the amount and type of content available in the Experts research information management database (SD3);
 - An automated connection between Illinois Data Bank and Illinois Experts has been successfully established and is providing dataset metadata updates to Experts on a daily basis. Communications with the Office of Technology Management regarding patents data and the campus Research Development Community's Infrastructure Committee regarding facilities & equipment data are ongoing.
- Build on lessons learned to expand outreach and collaborate with subject liaisons on promoting the Experts service to faculty/units (SD3, SD4);
 - Over 1,000 informational postcards developed with the assistance of prior year's Library marketing grant were sent to faculty directly via campus mail (effort halted due to COVID-19). Outreach to campus web dev & research admin communities led to Colleges of Engineering, ACES, and Education exploring integration of Experts API with websites for those units.
- Contact each unit in FAA to explore options for using Experts to support promotional and/or data management needs (SD3, SD4);
 - Progress remains slow, although developer enhancements to Experts portal may present opportunities for renewed engagement/enthusiasm in the coming year.
- Develop and launch the next generation of the IDEALS repository information system and service (SD1, SD3);
 - Development for a new repository software platform began in early FY2019-2020 and significant progress was made. However, the system will not be ready to be launched in Fall 2020 as we had hoped due to a series of unavoidable personnel matters. Progress slowed a bit at the onset of the COVID-19 pandemic but continued fairly steadily through the end of the fiscal year.
- Review and update IDEALS policies, and develop new policies where a need has been identified (SD1, SD3);
 - About half of the policies have been reviewed by the Repositories, Preservation, and Access CAPT working group and suggested changes have been made.

These changes still need to be incorporated into new revisions of the IDEALS policies before being shared with the relevant AULs, CAPT, and other stakeholders as necessary.

- Increase the discoverability of IDEALS metadata in national and international aggregation services where feasible (SD1, SD3);
 - This goal was sidelined in favor of focusing entirely on maintaining current IDEALS services and developing a new repository software platform for IDEALS.
- Work collaboratively to develop a library-wide digital exhibit strategy, initially in partnership with RBML leadership and explore potential partnerships with campus museums for digital exhibits (SD1, SD2, SD3);
 - A central Omeka S installation has been established in parallel with the IOPN Omeka S platform. IT was able to take legacy Omeka servers for RBML offline in August.
 - Ricker Library, University Archives, RBML, and Digitization Services have been onboarded as of July 2020, with exhibits in progress from each organization.
- Develop a Day of DH celebration for Spring semester 2020 in partnership with IPRH and Scholarly Commons (SD2, SD3);
 - This event was planned but cancelled due to the COVID-19 shutdown.
- Work with Digitization Services and other stakeholders to document end-to-end workflows and decision trees related to projects requiring digitization and platforming (SD1, SD3, SD4);
 - This work is ongoing, Digitization Services is developing decision trees for collaboration and referral, work was delayed due to COVID-19 shutdown.

6. Articulate Unit Annual Goals for FY21. When appropriate, goals are mapped to the library's new strategic framework in parentheses.

[Please add suggestions related to your areas—should be key goals/initiatives tied to SF, not everything you want to do. Let's say no more than 2 per person. Strategic framework reference: <https://www.library.illinois.edu/geninfo/libraryinit/strategic-framework-2019/>]

- Finalize processes, outreach, and training for Library-wide Omeka S implementation for a centralized digital exhibits strategy. (SD1, SD3, SD4);
- Project manage the Humanities Research Institute-funded “Critical Practice in Text Data Mining” Research Cluster. (SD1, SD2);
- Utilize Strategic Initiatives Funding from EC to engage key faculty in an open textbook module sprint (SD2, SD3);
- Develop and implement workflow and routine schedule for importing Office of Technology Management patent data into IDEALS and Illinois Experts. (SD1, SD3);
- Expand ORCID support via further integration with Illinois Experts, updated LibGuide, new FAQ material and video guides, and outreach. (SD1, SD3);
- Renew push to include all FAA units, and explore options for using Experts to support promotional and/or data management needs (SD3, SD4);

- Finalize preservation workflows for long-forms works, and continue to improved interactive media workflows for IOPN publications (SD1);
- Establish long-term Advisory Board for IOPN and continue policy development (SD1);
- Continue development of key features and author documentation for IOPN platforms (SD1);
- Conduct a digital scholarship inventory survey in collaboration with campus stakeholders (Research IT, FAS, AFA, iSchool) to identify existing projects and practitioners on campus, and to assess potential collaboration, outreach, and service opportunities (SD1, SD2, SD4);
- Complete rebuild of new repository software system for IDEALS, successfully migrate data, and launch the new system and service (SD1, SD3);
- Complete review and update IDEALS policies, and develop new policies where a need has been identified (SD1, SD2, SD4);
- Work with Discovery Systems Librarian to represent all non-embargoed IDEALS items in Primo/Alma (SD1, SD3).

7. What the unit needs to support these specific goals and your overall mission (training, facility needs, IT, etc.)

Heading into FY21, the unit is for the first time in several years fully staffed. The key support needed is to identify long-term funding to transition the currently visiting programmer position into a permanent role, which is essential to multiple unit and library initiatives including IOPN publishing, undergraduate journals, and digital exhibits. Assignment of a programmer to the 25% appointment funded by the OVCR is also needed.

8. The number of GAs (FTE and Head Count) employed during FY20;

1.08 FTE GAs – 3 graduate assistants.

9. The funding source for the unit's GAs (e.g., state funds, grant funds, endowment funds)

State funds from GA pool; Dedicated state funds from OVCR for Illinois Experts GA.

10. The major responsibilities assigned to the GAs in the unit, and an overview of the contributions made (or projects completed) by GAs during the fiscal year.

Kaylen Dwyer (digital publishing, scholarly communications) provided significant support for IOPN publishing workflows, including tech checks and troubleshooting solutions for publications. She also completed essential legwork on initial exploration of a digital preservation solution for long-form works, and created new marketing materials. In the absence of the Digital Publishing Specialist she played a significant liaison role to the SourceLab initiative in the Department of History. She also contributed to the centralized digital exhibits planning effort, open access

week, unit website and LibGuide maintenance, instruction in the Savvy Researcher series, and the revised and updated public domain outreach publication/initiative, *The Sweet Public Domain*.

Fernanda Schafer (IDEALS) contributed to day-to-day repository management activities for IDEALS, such as triage of the IDEALS email inbox; submitted digitization requests on behalf of alumni; reviewed and cleaned metadata for batch ingests of new materials; and enhanced spreadsheets of existing IDEALS metadata to adhere to our best practices. Fernanda applied what she learned from her python class to validate metadata values against our controlled vocabularies. She also worked on inventorying communities and collections in IDEALS to prepare for the rebuild and migration.

Sara Rasmussen (Illinois Experts) assisted with initial data entry efforts in the preparation of newly added faculty profiles, provided outreach in the form of mailing informational postcards on Experts to faculty and new material created for online FAQ and video guide resources, and developed, tested, and documented procedures for transforming bibliographic metadata (from Prairie Research Institute and from IDEALS) into appropriate XML format for bulk load into Experts database.

II. Statistical Profile

1. Facilities

User seating counts (if applicable): Not applicable

Number of hours open to the public per week (if applicable): Not applicable

2. Personnel

NAME: Daniel Tracy

TITLE: Head of Scholarly Communication and Publishing, Scholarly Communication and Publishing Library

STATUS: Faculty, Assistant Professor

FTE: 1.0 FTE

NAME: Sara Benson

TITLE: Copyright Librarian

RANK: Faculty, Assistant Professor

FTE: 1.0 FTE, currently also Interim Head, Scholarly Commons pending search.

NAME: Ayla Stein Kenfield

TITLE: Repository Services Librarian

RANK: Faculty, Assistant Professor

FTE: 1.0 FTE

NAME: Spencer Keralis
TITLE: Digital Humanities Librarian
RANK: Faculty, Assistant Professor
FTE: 1.0 FTE

NAME: Mark Zulauf
TITLE: Researcher Information Systems Coordinator
RANK: Academic Professional
FTE: 1.0 FTE

Name: Alex Dryden [Dotted Line Report from SCARS group in Library IT]
TITLE: Visiting Research Programmer for Scholarly Communication and Publishing
RANK: Visiting Academic Professional
FTE: 1.0 FTE (funded in part on Mellon Foundation grant for "Publishing Without Walls"), started August 1 of FY20.

Name: Sara Rasmussen
TITLE: Graduate Assistant
RANK: Graduate Student
FTE: .33 (August 16, 2019 - May 15, 2020)

Name: Kaylen Dwyer
TITLE: Graduate Assistant
RANK: Graduate Student
FTE: .42 (August 16, 2019 - May 15, 2020)

Name: Fernanda Schaefer
TITLE: Graduate Assistant
RANK: Graduate Student
FTE: .33 (August 16, 2019 - May 15, 2020)

3. User Services

Gate Count (as reported during FY19 Sweeps Week): Not Applicable

Circulation (from Voyager circulation reports): Not Applicable

Reference interactions (from DeskTracker): 1,106*

By area**:

Copyright: 195
Data management: 14
Digital humanities: 65
Digital publishing: 66

General Scholarly Communications: 19
 IDEALS: 654
 Open Access: 36
 Other: 30
 Researcher Information Systems: 124

*The extrapolated statistics from sweeps week provided by Jen-chien Yu shows 752; however, this is a significant undercount based on a report drawn from unit year-round tracking, which is used above.

**Extra field developed for unit Desk Tracker. A transaction may have more than one area assigned in cases of overlap, so the total exceeds 1,106.

Presentations (from the Instructional Statistics database):

- Number of presentations to groups: 78
- Number of participants in group presentations: 1,516

4. Other statistics (optional)

IDEALS

Total new deposits in FY20: 3,988

Statistics include new items in IDEALS by type and by genre. Type is required and genre is optional; users may select more than one of each.

<u>TYPE</u>	<u>TOTAL</u>
AUDIO	5
DATASET / SPREADSHEET	2
IMAGE	442
OTHER	38
VIDEO	16
TEXT	3939

<u>GENRE</u>	<u>TOTAL</u>
ARTICLE	147
BIBLIOGRAPHY	4
BOOK	4
BOOK CHAPTER	6
CONFERENCE PAPER	1302
CONFERENCE POSTER	144
CONFERENCE PROCEEDING	10
DATA	6
DISSERTATION / THESIS	1358

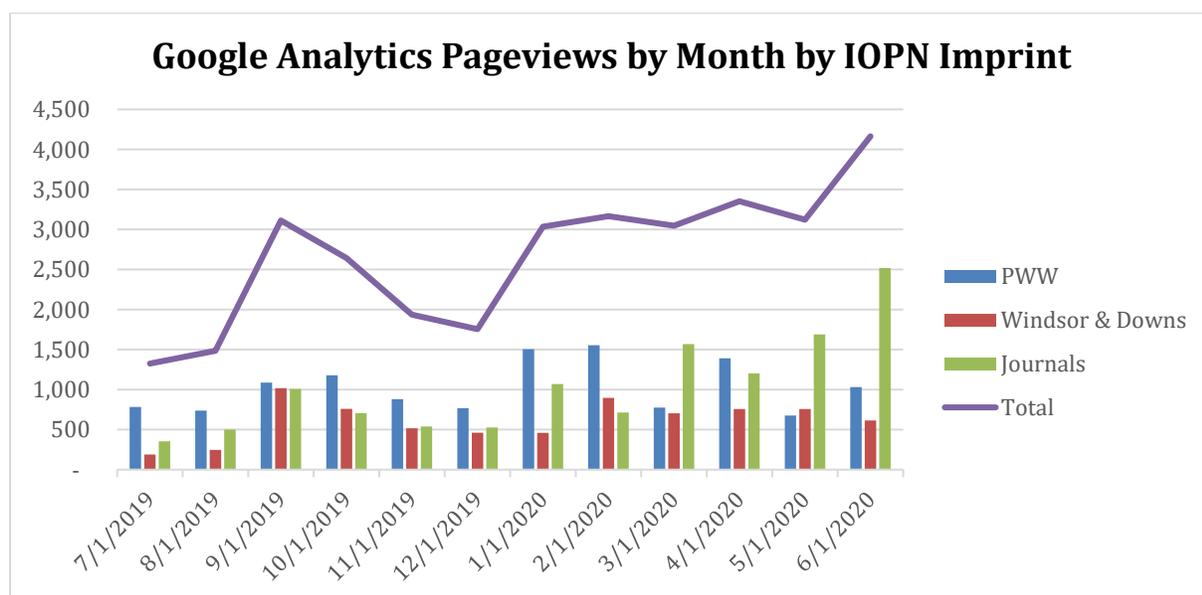
DRAWING	1
EDITORIAL	1
ESSAY	22
NEWSLETTER	3
OTHER	138
PHOTOGRAPH	1
PRESENTATION / LECTURE / SPEECH	214
PROPOSAL	1
REPORT	80
SCORE	1
TECHNICAL REPORT	257
WEBSITE	19
WORKING / DISCUSSION PAPER	156

Illinois Experts

- 48,175 unique visitors/month (up from 35,740 the previous year)
- 415 new faculty & AP researcher profiles added
- 20,954 publication records added (including 5,870 added by Experts staff)

IOPN

IOPN tracks usage of publications through Google Analytics and DOI resolutions, neither of which tells a complete story on its own. DOI resolutions come from people using the DOI URL to access a book, journal article, or (more rarely) journal issue. DOIs resolve to a catalog landing page, and may not result in reading the book or article. Google Analytics tracks all access to the actual content of the book or journal, including people who may have used the web URL for the platform instead of the DOI to get to the title.



Publication	Imprint	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-20	Feb-20	Mar-20	Apr-20	May-20*	Jun-20	Total
Illinois Natural History Survey Bulletin	Journals	0	0	0	0	0	0	0	0	0	27	2783	676	3486
Media-N	Journals	27	47	49	46	48	34	40	7	64	180	159	140	590
SourceLab	Journals	0	0	0	0	0	0	0	0	0	0	170	43	213
#TheJayZMixtape	PWW	7	5	6	12	1	6	25	10	6	1	5	10	57
Constructing Solidarities for a Humane Urbanism	PWW	35	20	2	23	19	15	18	13	32	21	26	33	143
iBlack Studies	PWW	4	2	59	6	5	1	1	5	2	1	1	5	15
Lost in the City	PWW	10	6	5	13	11	4	6	5	49	44	41	74	219
Love and Suspense in Paris Noir	PWW	75	82	79	80	86	68	73	44	31	34	38	16	236
Claude Monet	Windsor & Downs	4	11	16	6	7	7	9	8	13	5	15	23	73
Illinois 150	Windsor & Downs	0	0	0	133	45	30	31	17	13	20	25	16	122
The Sweet Public Domain	Windsor & Downs	0	0	0	0	0	0	4	98	30	15	17	27	191
0														
Totals		162	173	216	319	222	165	207	207	240	348	3280	1063	5345

*The jump in May 2020 is due to two factors. Primarily it results from a large backfile DOI assignment for INHS Bulletin—all DOIs get resolved once when first registered in order to activate them. However, Crossref also changed its reporting standard to include automated resolutions that were previously excluded, because many automated resolutions (bots) are relevant uses (i.e., data gathering for text mining). They estimated this would increase resolution reports per title approximately 25% on average each month