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Scholarly Communication and Publishing
Unit Annual Report
July 1, 2018 - June 30, 2019
Submitted By: Daniel G. Tracy

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I.   Unit Narrative

1.   The major activities and accomplishments of the unit in FY19:

Copyright Services
Sara Benson continued to provide copyright information across campus through instruction sessions for the Graduate Assistant Training through CITL, the Savvy Researcher series, and classes in departments as diverse as English, Media Studies, and, of course, the iSchool. She continues to provide a strong link between the Library and the Graduate College by providing both instruction sessions on copyright issues encountered when writing a thesis or dissertation as well as one-on-one consultations with the graduate student population. She established key connections with the Office for Technology Management consulting on copyright related issues as well as the University of General Counsel. Her copyright guides continue to be highly utilized by internal and external audiences. She led successful outreach activities related to fair use (the ReMix It competition, the Fair Use Gameshow).

Illinois Experts and Researcher Information Systems
FY19 was productive for Researcher Information Systems, as Mark Zulauf continued to improve and expand the value of Illinois Experts as a research information management service for the Urbana-Champaign campus. First, Mark remained focused on improving the amount, quality, and reliability of data available in the Experts database. To date, over 10,000 publication records (including over 800 book and 1,800 chapter citations) have been manually created to supplement data received from Scopus in support of humanities and social sciences faculty. Furthermore, Mark has greatly improved the frequency with which faculty titles and unit affiliations are updated and new researcher profiles are added. Second, as the data in Experts has become more reliable and comprehensive, Mark has increased efforts to promote awareness of the Experts service and strengthen ties with subject specialists, faculty, and units across campus (see Experts bullets in the section on progress on last year's goals). Third, Mark's efforts to promote Experts as a common good for campus beyond the Experts portal led to the integration of Experts data (via the API) into faculty profiles on newly redesigned College of LAS departmental web pages, pages highlighting recent publications/publication themes for various campus research centers (e.g., Program in Arms Control and Domestic and International Security), and online research administration forms of the Office of the Vice Chancellor for Research.

Repository Services
After providing interim coverage, Ayla Stein Kenfield permanently moved into the Repository Services Librarian role and managed all regular IDEALS activities. During Fall 2018, Ayla

trained two new graduate students: Fernanda Schaefer, the IDEALS GA, and Lauren Camarillo, the Grad Hourly for electronic theses and dissertations (ETDs). Initial preparation for the IDEALS migration and rebuild occurred in Spring 2019 in partnership with the Library IT SCARS group and the AULs for Research and Digital Strategies. Ayla continues to supervise the library's ETD workflows for ingesting ETDs into IDEALS, creating metadata records for dissertations being sent to ProQuest, and cataloging the ETDs for representation in WorldCat and I-Share. Ayla worked with Seth Robbins, Scholarly Communications and Repository Services Manager, to streamline the ETD processing workflow including mapping handles back to the Vireo records and notifying authors and their advisors *en masse* when the ETDs for a semester have been ingested into IDEALS. Ayla has worked closely with grad hourly Lauren Camarillo to catch up on creating backlogged catalog records for several semesters of ETDs.

Illinois Open Publishing Network (IOPN)
Despite staffing shortages after October, FY19 was a breakthrough year for IOPN, showing the fruition of several years' work building systems and cultivating content. IOPN began publication of its first four journals during that time, including its first science publication, the *Illinois Natural History Survey Bulletin*, a long-running journal that is for the first time going digital through our open access journal services. IOPN also published four Publishing Without Walls projects: three in our African-American PWW series and one under Humanities Without Walls. We also published our first thematic digital library portal, Antonio Sotomayor's *Digital Library of Latin American and Carribbean Studies* (or DLLACS). Spring 2019 witnessed several kickoff consultations with authors exploring IOPN platforms as a publishing option, including consultations with what will hopefully be our first open textbook and first companion website for a traditional publication.

Digital Humanities
The library lacked a DH librarian for most of the fiscal year while a search was in place, but with second year experienced graduate student support from Kayla Abner the library was able to maintain basic text mining workshops and text data access, and improve access to some text data, namely the Gale text datasets we have had on hard drives, and which are now fully inventoried, catalogued, and available for use in the Scholarly Commons. Kayla also piloted two co-taught workshops with other specialists, one on mapping for the humanities and one on network visualizations. Spencer Keralis started as the new DH Librarian at the end of the fiscal year, June 16, 2019.

Open Access, Open Educational Resources, and Other Scholarly Communications Issues
After Janet Swatscheno's departure, Sara Benson joined the CARLI OER Taskforce as the library's representative. She led a program to encourage book reviews of open textbooks, including multiple presentations about OER to encourage faculty participation. Dan held consultations with multiple authors interested in possible development of open textbooks with IOPN. SCP, led by Sara and Janet, put together a screening of *Paywall: The Business of Scholarship* for the campus and community at the Independent Media Center for Open Access week in October. Dan granted a very small number of waivers to the open access policy to Illinois faculty, but this option luckily continues to have a low demand.

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

The unit again had major turnover in key staff areas. Unit Head Harriett Green departed to take an AUL position at Washington University in St. Louis at the end of August 2018, with Dan Tracy taking on the role. This change left an opening for digital humanities, which Dan back filled on a minimal basis with graduate student support. Visiting Digital Publishing Specialist Janet Swatscheno departed in late October for a position of Publishing Librarian at the University of Illinois in Chicago, and Chris Maden's role as Visiting Programmer (a dotted line report from IT) ended in November. While the library has committed funding for a permanent Digital Publishing Specialist, the position remains open pending a search.

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

Besides the personnel challenges above, on the bright side, Ayla Stein Kenfield stepped permanently into the role of Repository Services Librarian after serving in an interim role to support IDEALS, filling a vacancy with much needed expertise in this area as we prepare to rebuild of IDEALS. Spencer Keralis joined as DH Librarian on June 16, 2018. A search for a new Visiting Programmer was successful with Alex Dryden beginning in early FY20. With Dan's move into the unit and the hire of Spencer Keralis, digital humanities came further under the unit's purview as a service area after having been a separate direct report to an AUL. This change usefully reunites DH services, as SCP had previously taken on most DH publishing support, including work outside IOPN, creating some gaps in communication that we hope to resolve with the new model.

4. Contributions to Library-wide programs:

Reference, research consultations, and other information services

See section on statistics.

Instructional services

See section on statistics.

Scholarly communications and publishing

Please see the "major activities" section (I.1) of this report, as well as other sections.

Assessment

Working with Sponsored Programs Administration, Mark provided AY19 publication and grants data for affiliated researchers to Carle Illinois College of Medicine in support of their

accreditation efforts. The unit participated in sweeps week and developed plans for year-round use of DeskTracker for all unit reference and consultation activities beginning in FY20. The unit also began using the new DeskTracker module for outreach and engagement, and reviewed appropriate scope of the instructional statistics database.

Collection management

Members of SCP including Sara Benson, Ayla Stein Kenfield, and Dan Tracy worked with others in the library to final the new take-down policy in digital library systems. Sara Benson has also led an effort to draft a new policy on use of public domain content and associated metadata, which is meant to make explicit already existing policy, and that has received feedback from a number of individuals and is pending final approvals.

Digital content creation

See the review of publishing activities under "major activities" (I.1).

Staff training and development

SCP played a major role in conceptualizing the spring Reference Hub Retreat for library faculty, GAs, and staff. Besides participation in the general introduction to our services, SCP staff led or co-taught sessions the Campus Open Access Policy, repository services (IDEALS, Experts, Illinois Data Bank) provided by the Library, and finding and evaluating open access journals. SCP staff also hosted a number of webinars throughout the year in partnership with Zoe Revelle in Staff Training and Development.

Diversity

SCP provides biweekly professional development sessions for its graduate assistant and graduate hourly workers. During one of these sessions, we focused on developing a diversity statement as part of the job application process. IOPN published three new titles in its African-American Studies series, AFRO-PWW, which has become an early signature series for the Publishing Without Walls imprint.

Public Engagement

The unit hosted an open access week film screening and panel at the Independent Media Center. Sara Benson and GA Kaylen Dwyer put together a digital and physical exhibit celebrating the public domain featuring a children's book newly in the public domain (Honey Bunch). Mark and graduate assistant Zach Maiorana developed a presentation on the benefits and challenges of the use of Google Scholar that was first issued as a post on the Scholarly Commons blog, then as an in-person Savvy Researcher workshop, and finally as a live webinar.

5. Progress made on Unit Annual Goals for FY19 (as enumerated in the FY18 Unit Annual Report);

- OER outreach via a series of instructional workshops and a graduated stipend program for faculty to support participating in OER;
    - Sara provided multiple instructional workshops and two faculty members completed Open Textbook Library reviews for a $200 stipend.
- Establish an outreach and education program for the Open Access mandate;
    - Sara is working on a short webinar video for new faculty explaining the Open Access Policy that will be marketed at the new faculty informational sessions.
- Increase visibility for copyright services for professors—especially in the area of e-reserves and fair use;
    - Sara continues to do multiple Savvy researchers about fair use during Fair Use Week, as well as providing Library Guides about Copyright for Professors and Educators that contains information about e-reserves and fair use. She has also become a resource for Ketty Duval from the Bookstore, who contacts her with fair use questions for course packs distributed through the Bookstore, and has been invited to join the Bookstore Faculty Liaison Committee.
- Launch a new website for IOPN;
    - Due to the staffing challenges explained above, this has largely been on hold, although Dan Tracy and GA Kaylen Dwyer made progress late in the FY the site will likely go live in early fall.
- Refine and expand editorial workflows for digital publications in the Illinois Open Publishing Network (IOPN);
    - With several publications going live during the fiscal year, IOPN has had good opportunities to adjust workflows for monographs. The first journals have also helped to elaborate workflows to establish journals.
- Develop concrete Preservation workflows;
    - This goal has been on hold due to staffing, although Dan Tracy and Ayla Stein Kenfield have had initial discussions on structuring the IDEALS communities.
- Build up the list of publications produced by IOPN: successfully publish the projects currently in the pipeline and smooth the process for future projects;
    - Despite understaffing, this was a big year for IOPN, with not only our first journal but first four journals going live, and publication of four new PWW monograph titles. Dan also held initial consultations with a number of interested authors about possible IOPN publications, showing the word is getting out about our services even with the current relatively low level of marketing.
- Expand outreach and education for all areas of SCP, including repository services, copyright, and digital publishing;
    - Members of the unit led activities for Open Access week, including a film screening, and Fair Use Week. The PWW team led a publishing outreach workshop in Minnesota in September 2018, and publications have been promoted through various announcements, although a more robust marketing approach remains to be developed.

- Finalize planning and begin implementation of IDEALS Improvement project;
  - Planning process for IDEALS Rebuild started again in January 2019. Ayla, along with colleagues in Preservation Services in the Certified Scrum Product Owner workshop to incorporate practices into development of the new repository. Ayla and Dan also conducted a user study on different groups of stakeholders of IDEALS (consumers, administrators, depositors). Active development of the repository pushed back to the beginning of FY20 due to various major IT projects and conference travel.
- Test and deploy analytics and alt-metrics to provide better feedback to authors who publish with IOPN;
  - The focus so far has been to continue to use Google Analytics only (and download metrics supplied by Open Journals System for our journals). Due to low staffing as well as minimal interest from scholars and the PWW advisory board, the work on alt-metrics has been on hold.
- Continue to contribute code toward the open source digital publishing solutions back to the respective communities, and to contribute to publications about these experiments;
  - Before his departure in November, Chris Maden continued to contribute PHP code fixes back to PKP for Open Journals Systems and Open Monograph Press. His efforts in this regard were called out at the PKP annual meeting in August 2018. Chris also worked with Pressbooks to start investigation into a permanent solution to allow editorial roles to be the main creator roles on book covers and title pages, to allow for edited volumes.
- Define technical needs for IOPN as an ongoing concern, including systems administration, bug fixing, and technical support;
  - Continuing evolution of user needs for publishing systems made it clear we would need further full-time support beyond Chris Maden's departure. A new two-year position was hired at the end of the fiscal year. The unit will continue to assess needs during this period.
- Build up assessment mechanisms for the unit through tracking consultations and instruction in Desk Tracker and the Instruction Database;
  - For the first time all unit members participated in use of DeskTracker during sweeps week, with two using it year-round. Jen-chien Yu joined an SCP unit meeting in the spring to review DeskTracker and what should go there versus other places, including in the new engagement module. Guidelines for what to include in the instruction statistics database were also reviewed. With minor changes to DeskTracker for the new fiscal year, the entire unit will now use DeskTracker year-round for consultations and engagement activities.
- Pursue or expand editorial partnerships with PWW-partnered university presses;
  - The PWW team met with the University of Minnesota Press team in September when we traveled there for a HWW workshop. Dan Tracy met with individuals from the University of Illinois Press twice, the second time including Director Laurie Matheson. This second meeting was productive in terms of all parties expressing interest in possible partnerships, including possible IOPN work on

companion publications for UIP monographs in cases where authors have supplementary materials or a project website that fits our platforms.

- Explore processes for open peer review, including consultations with Lever Press and the consortium of institutions exploring open peer review;
    - A community review process was used for the first publication in the IOPN Humanities Without Walls series. An open signed review has been planned for a second publication in that series, but revisions have been on hold with the author due to personal emergency. One AFRO-PWW series author has used the Hypothesis plug-in tool with his Scalar publication to open the publication for annotation after publication.
- Develop and pilot unit approach to onboarding new librarians in other areas of the library with regard to scholarly communications areas that overlap with their position;
    - This SCP initiative was adopted by the broader Office of Research as a collaborative endeavor. Dan Tracy led initial brainstorming activities with SCP, and these were replicated in other units, leading to collective planning of an Office of Research Retreat in partnership with the Hub Management team in place of their annual Hub retreat. The pilot was generally successful.
- Create DOI minting policy and procedures for IDEALS materials;
    - Repository Services is experimenting with offering CrossRef DOIs for batch ingests. So far, DOIs have only been minted for the iConference 2019 posters. The iConference DOIs were minted at no cost to the iConference in exchange for being a test case. However, registering the DOIs manually is time intensive and not scalable. A transformation script will be necessary to transform the metadata spreadsheets that curators submit along with the content files to crossrefxml in order for the process to be feasible for large collections of materials. Because Crossref charges for each DOI created and registered, a small fee to recover these costs may be necessary in order to make this a standard practice.
- Expand faculty and staff outreach on Illinois Experts;
    - Outreach efforts were increased during FY19 and included the development of an hour-long presentation to faculty that was presented to the Colleges of Business and Veterinary Medicine; collaboration with subject specialists/unit librarians in Business, Vet Med, Prairie Research Institute, and Applied Health Sciences on Experts uses; the creation of new online FAQ material and video tutorials for faculty and staff, along with a new help email for assistance with Experts; and the use of a Library marketing grant in developing information postcards on Experts that will be mailed to faculty during FY20.
- Improve efficiency of data collection for Experts;
    - Mark worked with Elsevier to clarify when and how new researcher profiles could be added by Illinois outside of the contractually allotted 3x/year profile refinement service (PRS) requests. In addition, Mark developed a process for quickly identifying changes to Banner data. As a result profiles are added and profile data (title & unit affiliations) are updated multiple times per week, thereby greatly improving the accuracy and reliability of data in Experts.
- Increase awareness of and access to Experts portal;

- ○ Mark continued to meet with communications officials and web developers around campus, which led to the integration of the Experts API into several campus websites and systems--including faculty profile pages for multiple College of LAS departmental websites, aggregation of current publication info by several research centers (Center for Global Studies, ACDIS, Women & Gender in Global Perspectives, the College of Engineering's Health Care Engineering Systems Center), and retrieval of expertise fingerprint terms/keywords by online OVCR research administration forms.
- Continue baseline digital humanities support while a search is underway for a Digital Humanities Libraries, with particular focus on filling the needs of the new program for Training in Digital Methods for Humanists led by IPRH.
  - ○ This was achieved and, as outlined in the overview, in part exceeded expectations with the development of new workshops with other specialists.

6. Articulate Unit Annual Goals for FY20. When appropriate, goals are mapped to the library's new strategic framework in parentheses.

- Foster further open textbook reviews by faculty members as well as fostering interest in OER creation and adoption on campus (SD3);
- Create, market, and assess a new video series, branded part of the Copyright Chat Channel co-produced with CITL (SD3);
- Continue to promote the Open Access Policy on campus through targeted outreach (SD3);
- 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);
- Establish preservation and improved media workflows for IOPN publications (SD1);
- Continue to explore press partnerships, especially with the University of Illinois Press, including renewing conversations about print-on-demand options (SD1);
- 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);
- Build on lessons learned to expand outreach and collaborate with subject liaisons on promoting the Experts service to faculty/units (SD3, SD4);
- Contact each unit in FAA to explore options for using Experts to support promotional and/or data management needs (SD3, SD4);
- Develop and launch the next generation of the IDEALS repository information system and service (SD1, SD3);
- Review and update IDEALS policies, and develop new policies where a need has been identified (SD1, SD3);
- Increase the discoverability of IDEALS metadata in national and international aggregation services where feasible (SD1, SD3);

- 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);
- Develop a Day of DH celebration for Spring semester 2020 in partnership with IPRH and Scholarly Commons (SD2, SD3);
- 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).

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

Progress on technical goals for publishing, repository, and researcher profiles is highly reliant on support from library IT, largely from the SCARS group. While that group currently has expertise for repositories and publishing services, the group's general understaffing with the departure of Howard Ding is a cause for concern in terms of the ability of that group to achieve substantial progress on the IDEALS rebuild while a search for a new programmer is underway. Given the needs supported by that group, we believe two more hires in that group may be necessary to provide long-term support across the systems in our unit as well as in partner units that oversee digital preservation and digital library systems as well as RDS.

While SCP was able to fill most open positions in FY19, hiring a new digital publishing specialist is a high priority in order to maintain the progress we have made in building this program.

Ultimately, SCP needs additional office space of one office in the 450 suite near us. Currently once the publishing specialist arrives, our GAs are slated to move to the basement in a shared space in Room 11, which will make it much harder to collaborate during their scheduled work times. While fourth floor office spaces have been in high demand, we strongly believe that open offices should be prioritized for the needs of units already in the 450 space (SCP and the Business Office) rather than reallocated to outside units at the expense of unit cohesion.

8. The number of GAs (FTE and Head Count) employed during FY19;

0.99 FTE GAs – 3 graduate assistants

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

State funds; Campus funds (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) contributed to essential publishing activities, completing the tech checks for IOPN publications and troubleshooting technical issues for author consultations, including working on custom CSS solutions for path navigation in Scalar. She also contributed to revisions of our tech check and helped design accessibility best practices for Omeka, and provided central support for maintaining the unit's website and LibGuides. She assisted the Copyright Librarian with a physical and digital display on the Honey Bunch series celebrating the January 1, 2019 public domain day. The digital exhibit included a Scalar website with an interactive version of the Honey Bunch public domain books as well as essays from experts on the syndicate publisher. She continued to support the Copyright Librarian with transcriptions of the Podcast Copyright Chat.

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. Based on her previous work as an intern at the Office of Technology Management (OTM), she connected the IDEALS team with the Office of Technology Management to discuss the feasibility of ingesting U of I patents into IDEALS, which is still in the early planning stages. Fernanda also submitted DOI registrations by hand for iConference 2019 posters.

Zachary Maiorana (Illinois Experts) assisted in adding publication records to the Experts database to supplement data received from Scopus in support of humanities and social sciences faculty profiles; developed new online resources for faculty and staff, including new FAQ responses/screenshots and video guides; analyzed Google Analytics data for the Experts portal; assisted in evaluating new software (Tableau visualization software & Zoom webcasting software) for use in Experts outreach activities; and designed postcards as part of an Experts outreach project that was awarded a Library marketing grant.

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, transitioned to unit from SSHEL and DH on September 1, 2018.

NAME: Sara Benson
TITLE: Copyright Librarian
RANK: Faculty, Assistant Professor
FTE: 1.0 FTE

NAME: Ayla Stein Kenfield
TITLE: Repository Services Librarian
RANK: Faculty, Assistant Professor
FTE: 1.0 FTE - transitioned to unit from CAM as of September 25, 2018.

NAME: Spencer Keralis
TITLE: Digital Humanities Librarian
RANK: Faculty, Assistant Professor
FTE: 1.0 FTE, started June 16, 2019

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

NAME: Harriett Green
Title: [Outgoing] Unit Head, Scholarly Communication and Publishing, Scholarly Communication
and Publishing Librarian
RANK: Faculty, Associate Professor
FTE: 1.0 FTE, departed library August 31, 2018

NAME: Janet Swatscheno
TITLE: Visiting Digital Publishing Specialist
RANK: Visiting Academic Professional
FTE: 1.0 FTE (funded partially by Mellon Foundation grant for "Publishing Without Walls"),
departed library October 25, 2018. Position currently vacant pending search.

Name: Christopher Maden [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 on Mellon Foundation grant for "Publishing Without Walls"), departed
library November 30, 2018. Vacant remainder of fiscal year with new programmer to start
August 1 of FY20.

Name: Zachary Maiorana
TITLE: Graduate Assistant
RANK: Graduate Student
FTE: .33 (August 16, 2018 - May 15, 2019)

Name: Kaylen Dwyer
TITLE: Graduate Assistant
RANK: Graduate Student
FTE: .33 (August 16, 2018 - May 15, 2019)

Name: Fernanda Schaefer
TITLE: Graduate Assistant
RANK: Graduate Student
FTE: .33 (August 16, 2018 - May 15, 2019)

3. User Services

Gate Count (as reported during FY18 Sweeps Week): Not Applicable

Circulation (from Voyager circulation reports): Not Applicable

Reference interactions (from DeskTracker): 816 (extrapolated from sweeps week)

Presentations (from the Instructional Statistics database):
- Number of presentations to groups: 67
- Number of participants in group presentations: 1,073

These numbers include a recurring iSchool class taught by Sara Benson in spring and summer (Copyright for Information Professionals), but also Savvy Researcher sessions taught by SCP staff, and class visits to college units including the iSchool, English, Social Work, Center for African Studies, Political Science, the School of Art and Design, Gies College of Business, ACES, CITL, and Sponsored Programs and Research.

4. Other statistics (optional)

Eight batch collections have been ingested into IDEALS over the last fiscal year, including the proceedings for iConference 2018 and 2019; abstracts and presentations for International Symposium on Molecular Spectroscopy (ISMS) 2018; Abstracts for ISMS 2019; two batches of Occasional Papers from the Program for Arms Control, Disarmament, and International Security; Summary of Engineering Reports; and a set of Reports of Investigation, a series from the Illinois State Water Survey.

During FY20, SCP intends to establish standard metrics for this section to report in future years related to IDEALS, Illinois Experts, and IOPN.