2017

ANNUAL REPORT

TO THE COMMUNITY

Joy Johnson, VP Research,
Simon Fraser University

In January 2017, Simon Fraser University's Senate endorsed an Open Access Policy with a Preamble that stated "Simon Fraser University's goal to be Canada's most engaged research university invites us to find ways of sharing the research output and creative work of the University with the wider community. The University is, therefore, committed to making accessible and preserving the products of research with the broadest possible community, including other scholars, practitioners, policymakers, and the public at large." The Public Knowledge Project and Open Journals System is yet another manifestation of SFU's commitment to providing not just access to our collective research outputs, but broader support for tools and services that may assist others in accomplishing these same goals.

Allan Bell, Chair of the
PKP Advisory Committee;
Associate University Librarian,
Digital Initiatives,
University of British Columbia

I would like to start this message with an acknowledgement to my predecessor, Tim Deliyannides from the University of Pittsburgh Library, who consummately served as Chair of PKP Advisory Committee for five years. During the past year, PKP has been very busy with the long-term planning work that Tim referenced in his 2016 message. The organizational relationship between PKP and the SFU Library has moved forward with the establishment of a new SFU Library Digital Publishing Division that is headed up by Kevin Stranack who is also PKP's Associate Director for Community Engagement & Learning. Angela Raasch, PKP's Budget Coordinator, has also moved to this new unit to work exclusively on PKP financial and administrative support. The PKP Advisory Committee also commenced a review of the Terms of Reference (TOR) for PKP's three community based committees. A revised TOR was approved for the Advisory Committee and work is proceeding on the TORs for Technical and Members Committees.

In the late 1990s, I was among those excited by the educational prospects of the internet for sharing knowledge. My focus was originally on doing more to connect, share, and find coherence within what was otherwise becoming what I called "information exasperation" (*Technologies of Knowing: A proposal for the Human Sciences*, 1999). In the summer of 1998, I became the Pacific Press Professor of Literacy and Technology at UBC thanks to an endowment from Pacific Press.

John Willinsky, Director
Public Knowledge Project

I used this new position to create what I called the Public Knowledge Project. One of its first ventures was an "experiment" with the *Vancouver Sun* to bring research and journalism together in a week-long series of newspaper articles on education and technology. Sun reporter Janet Steffenhagen interviewed teachers, students, and library patrons on educational uses of computers, while graduate students Henry Kang (his website below) and Lisa Korteweg, as well as myself, scrambled to assemble the research needed to put these local stories into a larger perspective.

By 1999, research was slowly beginning to appear online, but I was shocked and dismayed to discover that the university's agreements with the publishers precluded our sharing journal articles with the public. The exceptions were a few pioneering "open access" journals (before that term was in use). We did create a website with research abstracts and the odd article to accompany the newspaper coverage. Traffic to the site was no more than a trickle and that was it for the *Vancouver Sun* linking news to research.

The experiment did, however, prove a turning point for me. This inability to share education research with the public struck me as both wrongheaded and a missed opportunity for universities to do more for the public good. How could there be so little public access to what so many researchers were doing to better understand and improve public education, now that we had a ready means of distributing it?
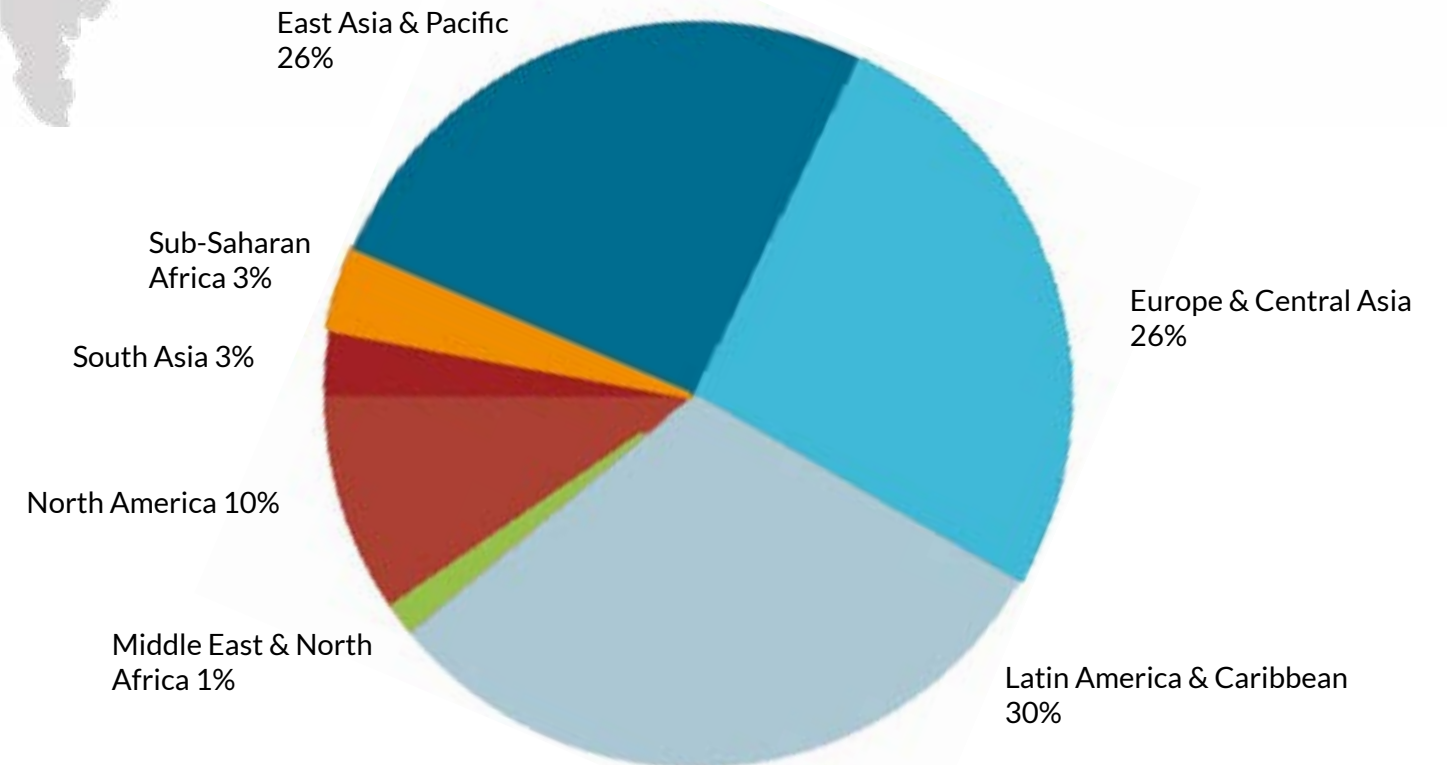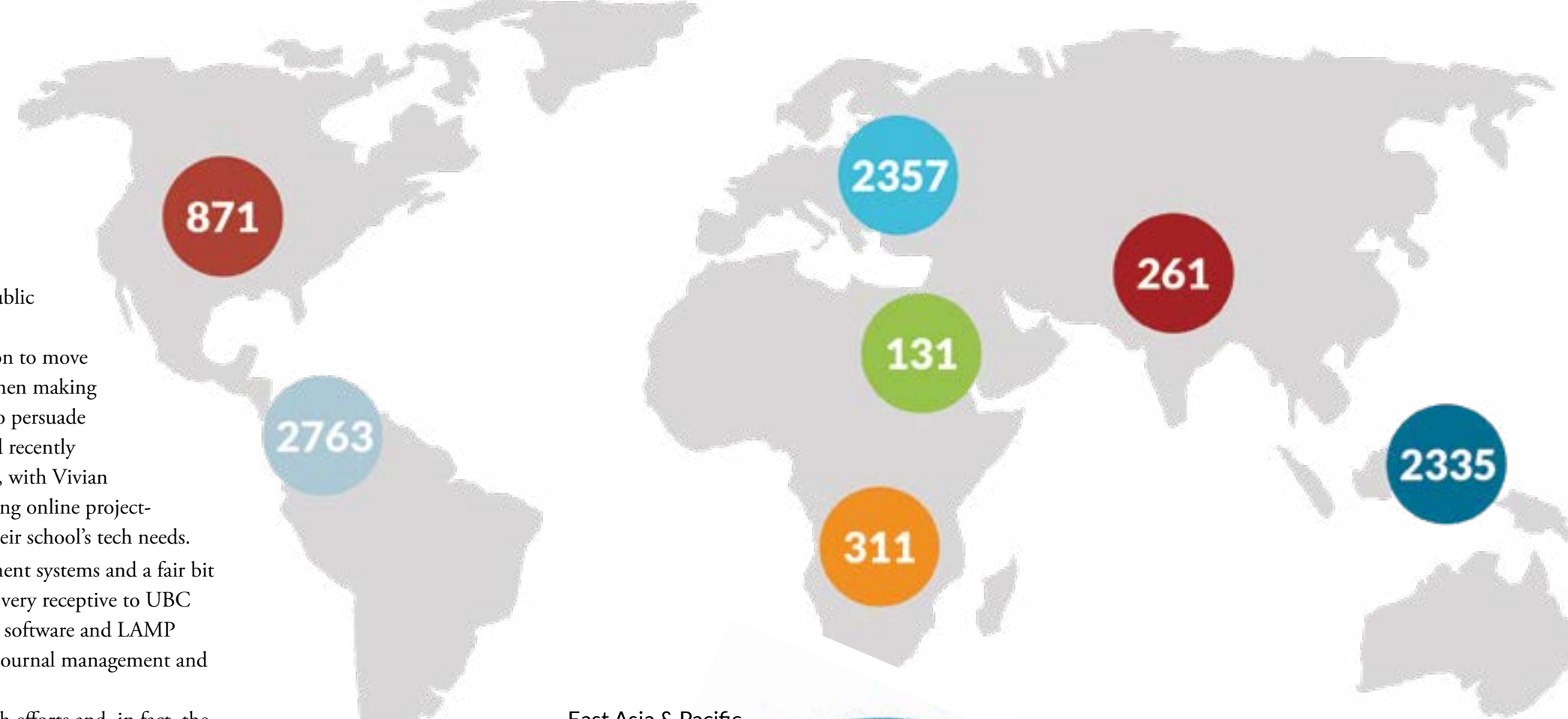
Changing what was wrong with this picture became the goal of the Public Knowledge Project.

The first challenge was to give journal editors and publishers a reason to move their publications online, and the second was to have them consider then making them open access. I realized that I needed to offer those I was trying to persuade something more substantial in return than a slide full of reasons. I had recently been part of the hi-tech startup Knowledge Architecture (1994-1999), with Vivian Forssman, a SHL Systemshouse alumni, where we worked on producing online project-management systems that assisted high school students in handling their school's tech needs.

In the process, I had learned a lot about online workflow management systems and a fair bit about why mixing .com and .edu was not my cup of tea. That left me very receptive to UBC undergraduate Kevin Jameson's introduction into PKP of open source software and LAMP principles, and we were off designing and developing conference and journal management and publishing platforms, with OJS first released in 2001.

Having realized that research libraries were natural partners for such efforts and, in fact, the key to their success, I joined forces in 2005 with Brian Owen at SFU Library. And now, entering its twentieth year, PKP stands as part of a vital global network of people and projects committed to increasing access to knowledge and learning. Studies suggest that we are about halfway to universal open access to research and scholarship at this point, and we're looking forward to working with this larger community to achieve this goal.

871

2357

261

131

2763

2335

311

East Asia & Pacific
26%

Europe & Central Asia
26%

Sub-Saharan
Africa 3%

South Asia 3%

North America 10%

Middle East & North
Africa 1%

Latin America & Caribbean
30%

OJS in 2017

4

5

To help illustrate the statistics on international OJS use, we asked a few significant projects from around the world to comment on their work in 2017.

DENMARK

Tidsskrift.dk is the Danish National Open Access Platform operated by the Royal Danish Library where scientific OA journals from Denmark can be published online. Using the latest version of OJS with its responsive design, we give an improved and quick access to the published articles and the latest publications. Tidsskrift.dk has helped new journals to be created and ensured that established Danish scientific journals could survive the transition from printed journals to online publication. It also offer access to material, which has been retro digitized, in order to make old Danish scientific journals available online. It is now possible to access 135 journals and 130.000 + articles.

FINLAND

Journal.fi is a new journal management and publishing service provided by the Federation of Finnish Learned Societies. The site features 60 Finnish scholarly journals, with more to come. Journal.fi is designed to meet the needs of authors, readers, publishers and funders in the age of Open Access journals. The service is using the Open Journal Systems 3.1 software which allows us to answer to the versatile demands of our hosted journals.

GERMANY

OJS-de.net aims to facilitate, expand and safeguard the electronic publication of OJS-based open access scientific journals at German universities and research centers. The project is funded by the German Research Foundation - DFG - and is implemented by the Center for Digital Systems (CeDiS) of the Freie Universität Berlin, the University Library Heidelberg, and the Communication, Information, Media Center of the University of Konstanz. OJS allows us to manage academic publishing workflows, to construct a web presence of the journal, and to disseminate journal metadata into harvesting systems. In the OJS-de.net project, we continuously develop OJS-customizations and Plugins to meet the needs of German OJS-operators and to specially tailor OJS for the requirements of the German publishing landscape. The key issue of the OJS-de.net project is the setup of a sustainable OJS-network in Germany, Switzerland, and Austria with the purpose to pick up on future requests on software developments and to inform on the usage of OJS for future operators.

INDONESIA

With 2,056 journals, Indonesia is the world leader in OJS usage. Dr. Djuwari Sarkawi Perbanas wrote that OJS helps to manage journals more ethically and provides a high degree of transparency. Juneman Abraham, editor of *Anima* shared how OJS allows them to improvise in realizing the openness and improved visibility of the research content, the identity of the authors, the communication processes, the identity of the journal, and the exchange of metadata with various media.

2017 was an extremely busy year for the software development team and community, as we made made the 3.x line of software releases our flagship platform and continued to add translations, plugins, and tools that match or exceed what was available in the older but more established line.

OPEN JOURNAL SYSTEMS

PKP released OJS 3.1 in October 2017 -- one of its most important software releases ever, and with the addition of subscription and payment support, the first to substantially offer the same level of functionality in OJS 3.x as was available in OJS 2.x. With this release PKP officially deprecated additions to the OJS 2.x line of releases, allowing us to center our development efforts squarely on 3.x rather than dividing our attention between both lines. (OJS 2.x will still see security and, if necessary, stability updates, in order to allow users to migrate to 3.x at a time convenient to their publishing processes.)

OJS 3.x continues to prove itself in the numerous upgraded and new journals we see publishing in the wild, including small publishers, national platforms, individual journals, etc. We are seeing very positive uptake in the use of some of the new tools for community development, including the Plugin Gallery, which facilitates the discovery and installation of third-party plugins.

OPEN MONOGRAPH PRESS

The PKP team and community released OMP 3.1.0 in March 2017, including a refreshed publishing front end, new theming options and more. The development team continues to reconcile the difference between its major applications, and with the release of OMP 3.1.0, we changed our version numbering in preparation for simultaneous releases of OJS and OMP starting with version 3.1.1 (since released).

OPEN CONFERENCE SYSTEMS

We set OCS aside in 2015 to focus on OJS and OMP, with the intention of returning to it in 2017. However, due to additional development demands on OJS (based on successful grant funding!), we are postponing OCS development for another year. Although disappointing for our small but dedicated community of OCS users, we will eventually integrate all of the improvements being made to OJS and OMP into OCS as well.

OPEN HARVESTER SYSTEMS

Despite limited development attention, OHS continues to prove useful for projects such as the PKP Index, currently harvesting data from over 3,100 publications.

Not everyone realizes that in addition to our research and software development, PKP also provides both free and paid publishing services. We're pleased to be able to offer these services to assist our users to fully participate in professional publishing activities and increase their impact.

COMMUNITY FORUM

forum.pkp.sfu.ca

The PKP Community Forum continues to be the primary communication mechanism with our global user community, where questions are posted and solutions are found. Our community has continued to strengthen over the past year, with increasing voluntary participation. Thanks again this year go out to Clinton Graham, a Systems Developer with the University of Pittsburgh's University Library System, for providing continued leadership on the forum. We'd also like to acknowledge the contributions of active users such as @ajnyga, @vitaliy, and @vvucic. Thank you!

PKP INDEX

index.pkp.sfu.ca

Launched in 2016, the PKP Index now includes over 740,000 records from almost 3,000 publications. Providing not only a valuable database of research, the Index also serves as a showcase of PKP software installations from around the world. Participation is free, and we encourage everyone using OJS, OMP, or OCS to include their published content. Special thanks to Andrea Pritt for her dedicated work in reviewing all index applications.

PKP PRESERVATION NETWORK

pkp.sfu.ca/pkp-pn

The PKP Preservation Network provides a free digital preservation solution to all OJS users - a requirement for DOAJ inclusion and overall best publishing practice. Led by Bronwen Sprout of the University of British Columbia Libraries and Mark Jordan of the Simon Fraser University Library, the PN is now served by 10 preservation nodes at the University of Alberta, the University of British Columbia, Indiana University, the University of Pittsburgh, the University of Victoria, Simon Fraser University, Scholars Portal at the Ontario Council of University Libraries (OCUL), EKT (the National Documentation Centre of Greece), the University of Arizona, and the Italian National Library of Florence.

To date, 19,799 issues from 758 OJS journals have been collected and preserved in the PN, The number of journals preserved in the Network has approximately doubled since the last Annual Report.

PKP SCHOOL

pkpschool.sfu.ca

The PKP School provides free, online, self-paced courses on using OJS as well as for developing skills in editing, reviewed, and authoring. As of this year, we have worked with over 500 registered students and many more informal, non-registered learners. We recently added new courses for setting up OJS 3 and for the OJS 3 editorial workflow, so be sure to check those out. These new courses all feature video captions, which will facilitate translations (which we would welcome as community contributions).

PKP DOCUMENTATION HUB

Initiated by a group at the PKP Sprint in Montréal, the Documentation Hub is a complete re-organization of how we present our extensive body of documentation, to make it easier to find, read, and contribute to. The hub includes familiar documents like *Learning OJS*, as well as new additions such as the *GDPR Guide*. The *Getting Started Guide* also provides a link-rich list of quick steps to start a new journal using OJS. We're looking forward to working with the PKP Documentation Interest Group in enhancing the hub and with our volunteer translators to expand its multilingual element. Anyone interested in contributing is more than welcome to join us.

PKP PUBLISHING SERVICES

PKP|PS provides fee-based hosting, software customization, and technical support to individuals and institutions worldwide. PKP|PS continues to grow, adding over 70 new OJS, OMP or OCS instances in 2017, thereby contributing significantly to the financial health of PKP.

OJS 3 has become the de facto standard for all new and migrating clients, and all new journals in 2017 have started on this platform, with full training, documentation and technical support now available from our Publishing Services staff. We have contributed to the design and deployment of some truly unique and attractive new journal front-ends permitted by OJS 3's theming capabilities and our technical expertise, including *Critical Times*, from UC Berkeley (https://ctjournal.org/); the *Journal of Artificial Intelligence Research* (https://jair.org/); and the Nordic Open Access journals (https://nordicopenaccess.no/) as good examples.

A significant focus of PKP|PS' 2017 has been on migration. We have noted an uptick in self-hosting institutions already using OJS (such as Duke University Libraries, the University of Nottingham, and Ball State University Libraries) transferring their journals to our hosting and support services. We have undertaken large-scale data migrations from other bespoke systems to OJS (most significantly, for the *Canadian Bar Review* (https://cbr.cba.org/) and the *Journal of Artificial Intelligence Research*, where each was using their own bespoke system to publish content). Most significantly, however, the recent bepress acquisition by Elsevier has generated tremendous interest in a migration path from bepress to OJS. Thanks to funding by the University of Minnesota Libraries Publishing as part of their own migration to our hosting services, PKP|PS developed an open source plugin that facilitates the migration of data formerly published in bepress into OJS 3 (https://github.com/mfelczak/bepress), and which has been used by several other institutions.

Perhaps the most challenging and enjoyable part of the past year has been partnership development. PKP|PS has spent a lot of time improving the relationship and workflow between our publishing services and support team, our clients, and the PKP developers, resulting in better priority-setting for our clients and improved opportunity for true client-developer partnerships. The full fruits of this labour are just being harvested now, with clients such as Minnesota, Cappelen Damm and the American Library Association participating in important statistics visualization and email/notifications projects (with initial releases planned for OJS 3.2), and other clients such as *Research in Learning Technology* and Longitudinal and *Life Course Studies* helping to inform PKP's approach (technical and otherwise) to the EU's General Data Protection Regulation (GDPR). And behind the scenes, PKP|PS continues to work with other service providers, such as our infrastructure provider Gossamer Threads (https://www.gossamer-threads.com/) and the publishing support specialists Open Academia (https://openacademia.net/) to provide additional client services, whether extended Shibboleth support, geo-located servers, full DR plans, or editorial, copyediting and typesetting services.

2018 will be spent formalizing some of these exciting new relationships, while continuing to support the increasingly ambitious OJS 3.

Our research achievements this year include numerous peer-reviewed publications and conference presentations, including John Willinsky's book on *The Intellectual Properties of Learning* (University of Chicago Press) and a widely circulated pre-print and publication with Juan Pablo Alperin as a co-author on the *State of Open Access* (PeerJ and PeerJ Preprints). Other research contributions by the PKP team over the last year and a half have included publications on funding models for open access, evaluation of journal evaluation programs in Latin America, and innovation in methods for using social media to detect the public use of scholarly work.

The PKP team was the recipient of various grants, including one by the Laura and John Arnold Foundation to investigate PKP's role and opportunities in the current publishing landscape and another from SSHRC (Partnership Engage Program) to collaborate with the Science Writers and Communicators of Canada to build a map of new science communication activities. The former has resulted in two publicly available reports, and the latter's work is ongoing.

Finally, earlier this year, Juan Pablo Alperin was awarded the Open Scholarship Award by the Canadian Social Knowledge Institute for exemplary open scholarship via research, projects, or initiatives.

Publication from the Distinguished Scholar in Residence Program, SFU Library

John Willinsky, *The Intellectual Properties of Learning: A Prehistory from Saint Jerome to John Locke* (Chicago: University of Chicago Press, 2017). Open access draft here.

Publications from MacArthur Foundation Cooperative Publishing Grant

Willinsky, J. (in press). The academic library in the face of cooperative and commercial paths to open access. *Library Trends*.
Willinsky, J. and Rusk, M. (In press). If funders and libraries subscribed to open access: The case of eLife, PLOS, and BioOne. *College and Research Libraries*.
——. (2017). Modeling a cooperative approach to open access scholarly publishing: A demonstration in the Canadian context. *Canadian Journal of Communication*, 42(5).

Publications from SSHRC Insight Grant for Understanding the Societal Impact of Research Through Social Media

Alperin, J.P., Gomez, C. & Haustein, S. (2018). Identifying diffusion patterns of research on social media. *Public Understanding of Science*. 10.1177/0963662518761733

Barata, G., Haustein, S., Shores, K. & Alperin, J.P. (2018). Local chatter or international buzz? Differences in language of social posts about Zika research. *PLOS ONE*. 10.1371/journal.pone.0190482

Publications on Open Access

Siler, K., Haustein, S., Smith, E., Larivière, V. & Alperin, J.P. (2018). Authorial and institutional stratification in open access publishing: The case of global health research. *PeerJ*. 10.7717/peerj.4269

Piwowar, H., Priem, J., Larivière, V., Alperin, J.P., Matthias, L., Norlander, B., Farley, A., West, J. & Haustein, S. (2018). The State of OA: A large-scale analysis of the prevalence and impact of Open Access articles. *PeerJ* preprint 10.7717/peerj.4375

Shu, F., Mongeon, P., Haustein, S., Siler, K., Alperin, J.P., Larivière, V. (2017). Is it such a big deal? On the cost of journal use in the digital era. *College & Research Libraries*. https://crl.acrl.org/index.php/crl/article/view/16829

Alperin, J.P. & Rozemblum, C. (2017). The Reinterpretation of the Visibility and Quality of New Policies to Assess Scientific Publications. *Revista Interamericana de Bibliotecologia*, 40(3). 10.17533/udea.rib.v40n3a03

Partnerships

PKP relies on the many collaborations and generous support of our friends and funders in scholarly publishing community. We would never have been able to continue our work for so many years and to remain of value for the thousands of journals, conferences, and book publishers using our software and services.

MAJOR FUNDERS

The Canadian Foundation for Innovation (CFI) funded collaboration between Erudit and PKP now has a formal name -- Coalition Publi.ca. In addition to ongoing software development, we will be offering a wide range of publishing services to Canadian journals. We look forward to working with OJS journals and hosting libraries across Canada to facilitate the inclusion of OJS journal content in a national aggregator service that will be a primary component of the new Coalition Publi.ca.

The Laura and John Arnold Foundation also supported PKP in 2017 with a planning grant to examine our work, operations, and community perceptions of what we do. The results highlighted the importance of what we have come to identify as the three pillars of PKP's work: (a) our open source software development; (b) our publishing services; and (c) our program of research, advocacy, and education. We have now provided the Arnold Foundation with a proposal for a two-year plan for expanding PKP by financing an extension of both our publishing services and our community memberships, expanding that membership beyond libraries to a national scale (in light of country-platform developments in the Nordic countries, Canada, Switzerland, etc.). The concept is to seek an initial funder's investment that enables the hiring of additional staff that will more than pay for themselves by the end of the second year.

DEVELOPMENT PARTNERS

Our development partners continue to provide significant in-kind and financial support to sustain PKP. They also assist in ensuring that PKP's committees and forum are active venues for the larger PKP community. We thank them for their valuable contributions.

Ontario Council of University Libraries (since 2011)
Simon Fraser University (since 2005)
Stanford University (since 2007)
University of Alberta Libraries (since 2015)
University of British Columbia Library (since 2011)
University of Pittsburgh - University Library System (since 2011)

SUSTAINERS

Our thanks also go out to our many sustainers, whose annual financial contribution is a major component of PKP's sustainability strategy.

Platinum Level ($15,000)
University of Toronto Libraries

Gold Level ($10,000)
Indiana University Libraries
University of Calgary Libraries
University of Illinois (Chicago / Urbana-Champaign) Libraries
York University Libraries

Silver Level ($5,000)

Indiana University – Purdue University Indianapolis University Libraries
University of Florida Libraries
University of Guelph Library
University of Manitoba Libraries
University of Miami Libraries
University of New Brunswick Libraries
University of Ottawa Library
University of Victoria Libraries
University of Windsor Library
Western University, Western Library

Bronze Level ($2,500)

1Science
Biteca
Carleton University Library
Dalhousie University Libraries
McMaster University Library
Ohio State University Libraries
Queen's University Library
Université Laval Bibliothèque
University of Arizona Libraries
University of Groningen Library
University of North Texas Libraries
University of Tennessee, Knoxville Libraries
Wilfrid Laurier University Library

COMMUNITY COMMITTEES

PKP has three committees made up of our community members: the Advisory Committee (which consists of representatives of the PKP Development Partners), the Technical Committee, and the Members Committee, which include representatives of partner and sponsoring organizations and active volunteers. These committees ensure PKP hears directly from the communities that we serve and they volunteer

their time to help improve our work, and provide valuable feedback on our goals and priorities. We would like to thank everyone that has participated on these committees, and in particular would like to acknowledge the invaluable contributions of our outgoing committee chairs: Timothy Deliyannides, University of Pittsburgh (Advisory Committee), Vanessa Gabler, University of Pittsburgh and Jessica Lange, McGill University (Members Committee), and Jeanette Hatherill, University of Ottawa (Technical Committee).

STRATEGIC PARTNERS

PKP works closely with organizations sharing our goal of making knowledge public. To further these collaborations, we are now a member of the Open Access Scholarly Publishing Association (OASPA), under their "Other Organization" category, alongside such good friends as DOAJ, INASP, Knowledge Unlatched, SciELO, SPARC Europe, and others. PKP continues to be a member of ORCID and James MacGregor, Associate Director of Strategic Projects and Services, was appointed to the ORCID-CA Advisory Committee this year.

PKP was also very excited to announce new strategic partnerships with three valued organizations: the Library Publishing Coalition (LPC), ImpactStory, and the Council of Prairie and Pacific University Libraries (COPPUL). LPC's membership consists of over 125 academic libraries with scholarly publishing programs, many of which use OJS. PKP was pleased to be a sponsor of the 2017 Library Publishing Forum. PKP also accepted an invitation from the LPC to join their Strategic Affiliates Program. ImpactStory is best known for their development of Unpaywall, a free open source tool that helps readers legally bypass paywalls when they search for articles. PKP is working with ImpactStory to develop article-level metrics. COPPUL and PKP are both active in the field of digital preservation, and employ similar distributed, community-owned, and independently-administered preservation storage infrastructures using the LOCKSS platform and related tools like LOCKSS-O-Matic.

Events

SIXTH INTERNATIONAL PKP CONFERENCE

Our sixth international PKP conference was held at the Université de Montréal, co-hosted with our friends at Érudit. When we held our first conference back in 2007, we had no idea it would still be going strong a decade later. The speakers were outstanding, providing new insights into the local publishing activities, innovative uses of PKP software, and updates on their research and developments within their own countries. We have loaded the slides and video recordings of the presentations on our website and added the videos to the PKP Youtube channel.
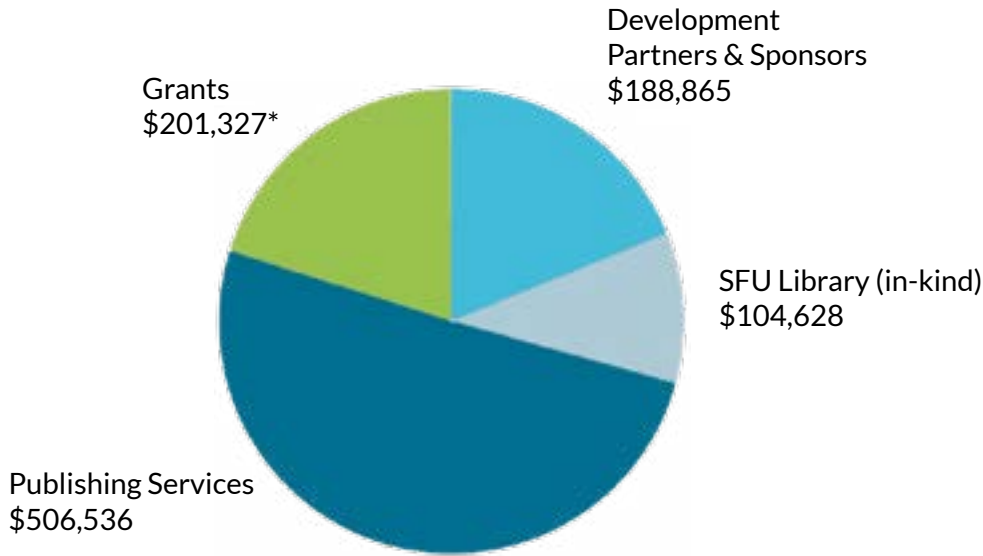
SPRINTING

Held as a preconference event for the PKP Conference, the Montréal sprint was highly successful, with more than 50 people participating, more than at any previous sprint. Topics included implementing Crossref's new deposit API in the Crossref plugin, working with the REST API, reviewing PKP documentation, making OJS metadata fields required, reviewing OJS statistics, developing a best practices guide for OJS metadata entry, building up the next edition of *Getting Found, Staying Found*, and more. Reports from each group are available on the PKP blog.

Finances

PKP's financial management utilizes SFU's financial system and therefore adheres to all standard institutional budget procedures and policies. The fiscal year is April 1 – March 31. All budget amounts are in Canadian dollars. Conversion rates from USD and other currencies to Canadian equivalents are set by SFU Finance.
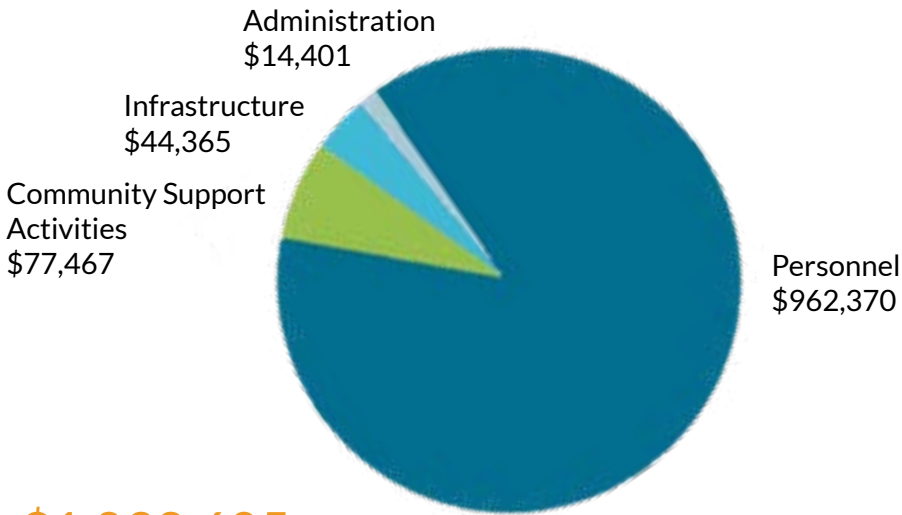
INCOME

Grants
$201,327*

Development
Partners & Sponsors
$188,865

SFU Library (in-kind)
$104,628

Publishing Services
$506,536

TOTAL: $1,001,356

* The lower than projected amount for Grants is a reflection of cash flow due to delays in the receipt of CFI project funds before the end of the 2017/18 fiscal year. This will be rectified in the next fiscal year.
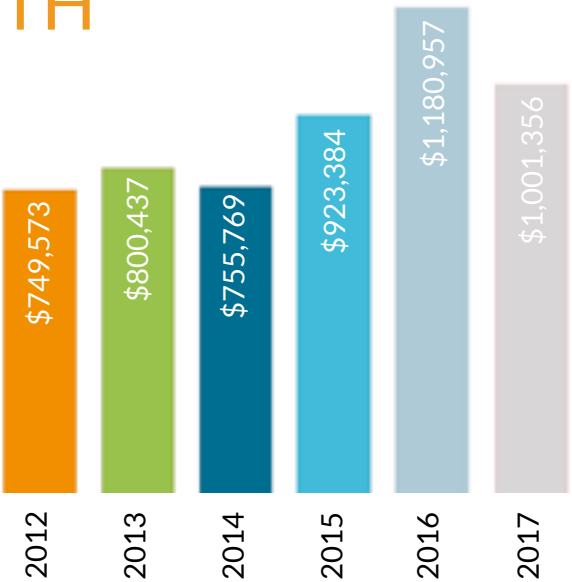
EXPENSES

Administration
$14,401

Infrastructure
$44,365

Community Support
Activities
$77,467

Personnel
$962,370

TOTAL: $1,098,605

REVENUE GROWTH 2012-2017

In 2011, PKP developed a 5 year plan to reach 1 million dollars in annual review by 2017. This chart reflects our success in achieving that goal, but also reveals the precarious nature of relying on grant funding for a large portion of our revenue. Over the next 5 years, our goal is to focus on increasing both our publishing services and memberships as growing, and sustainable, revenue sources.

2012	2013	2014	2015	2016	2017
$749,573	$800,437	$755,769	$923,384	$1,180,957	$1,001,356

STAYING IN TOUCH

Why wait until the next annual report comes out to find out what PKP has been up to! We have a variety of ways for you to stay up to date:

Forum | https://forum.pkp.sfu.ca
Blog | https://pkp.sfu.ca
Newsletter | http://eepurl.com/caUHLD
Twitter | https://www.twitter/pkp
Facebook | https://www.facebook.com/publicknowledgeproject
Youtube | https://www.youtube.com/user/PublicKnowledgeProj

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