PKP | PUBLIC KNOWLEDGE PROJECT
ANNUAL REPORT 2012

I am delighted to introduce this year's Public Knowledge Project Annual Report. When Simon Fraser University embraced PKP in 2005 we believed that PKP embodied the research dissemination and knowledge mobilization objectives in SFU's Strategic Research Plan. The past eight years have far exceeded our expectations. Open Journal Systems software currently supports the publication of over two million scholarly articles in 29 languages worldwide. With the 2012 release of Open Monograph Press software, PKP promises to dramatically transform humanities and social science publishing as well as provide critical infrastructure support for open textbook initiatives. We are particularly pleased by the adoption of PKP software by the Smithsonian Institution. SFU's International Engagement Strategy affirms SFU's intent to be a globally engaged university, and PKP is the perfect embodiment of this global orientation. SFU looks forward to many more PKP success stories.

Mario Pinto
Vice President, Research and Professor of Chemistry, Simon Fraser University

John Willinsky
Director, Public Knowledge Project, Kholsa Family Professor of Education, Stanford University, Professor (Part-Time) Publishing Studies, SFU, and Distinguished Scholar in Residence, SFU Library

This is year fifteen for the Public Knowledge Project. If that's something of a lifetime, in Internet years, I'm proud to note the project's new directions and continuing strengths that we owe to a strong core PKP team and a vast community of committed users, who are changing the face of scholarly publishing. The release of Open Monograph Press last September marked the first open source workflow and publishing management system for monographs, edited volumes, and scholarly editions. Our hope is that this will, in some small way, contribute to the vitally central and dynamic role that the book, as a unit of thought, plays in scholarly publishing and the intellectual enterprise more generally.

In addition, PKP has taken on number of new R&D initiatives for our software suite, including article-level statistics, mega-journal features, research data capacities, and XML parsing that will make it the equal of any publishing system out there. We will be continuing to look for ways to improve the public and scholarly quality of academic publishing, and I want to express my thanks and appreciation to the contributing and supportive members of the international community that share in our goals.
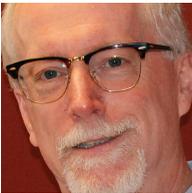
ADVISORY CHAIR'S REPORT

Timothy Deliyannides
Director, Office of
Scholarly Communication
and Publishing and Head,
Information Technology,
University of Pittsburgh

This year has seen tremendous transformation in the governance of the Public Knowledge Project. Through the joint efforts of our partner institutions, we have begun to realize the vision of a more participatory and transparent governance structure for PKP. As Chair of the PKP Advisory Committee, I have been thrilled to see such a high level of support – both material support, and the investment of energy, enthusiasm and ideas – from a broad range of institutions seeking a common future for PKP. This year, the PKP Advisory Committee has formalized a member-run governance structure not only to monitor, nurture and sustain PKP's activities, but also to plot the course for member collaboration on technical developments and to develop plans for recruiting new members. The Advisory Committee is now poised to help ensure the long term success of PKP in fulfilling its mission to apply new technologies for the advancement and sharing of scholarly research.
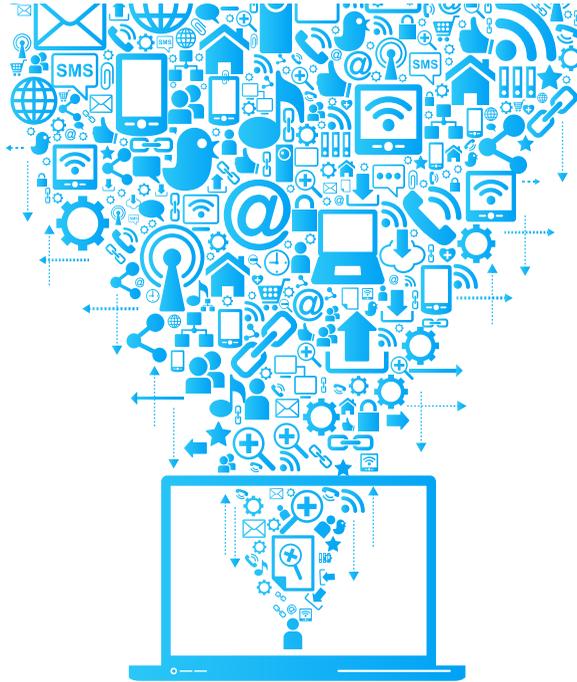
MANAGING DIRECTOR'S REPORT

Brian Owen
Managing Director, Public Knowledge Project and Associate University Librarian, Library Technology Services & Special Collections, Simon Fraser University

The year 2012 has been a significant year for PKP in many ways. Our sustainability strategy commenced in earnest with the cessation of the Canadian Foundation for Innovation (CFI) funding for the Synergies project that had provided primary financial support to PKP for over 4 years. PKP's community sponsorship initiative entered its first full year with 4 new development partners and over 20 sponsors. Three community-based committees were also established – Advisory, Technical and Members – with participants drawn from our Development partners, sponsors, and the larger PKP community. Our hosting services also expanded significantly while at the same time implementing a more professional identity – PKP Publishing Services (PKP|PS). Research activities such as the Dataverse/OJS integration project continued to be an important focus while also providing support for the ongoing development of PKP software. And ultimately it is "about the software." With the beta release of Open Monograph Press in the Fall of 2012, PKP demonstrated its commitment and ability to produce open source software that will continue to play a major role in the support of alternate forms for scholarly publishing.

The year 2012 saw the beginning of a major transition in PKP's software, driven by the successful recoding of PKP's software architecture as part of the development of Open Monograph Press (OMP). It was also increasingly apparent that a systematic integration and modularization of the PKP code base was necessary if PKP wanted to avoid unnecessary and often redundant code maintenance across the OJS, OCS, and now OMP lines.

Open Monograph Press (OMP)

The newest PKP software module, the Open Monograph Press (OMP) 1.0 (Beta), was released on September 17th, 2012. OMP is an open source software platform for managing the editorial workflow required to see monographs, edited volumes and scholarly editions through internal and external review, editing, cataloguing, production, and publication. OMP also operates as a press website with catalog, distribution, and sales capacities. As part of OMP's release strategy, PKP is working closely with several early adopters who are using OMP in a production environment and who will provide feedback on their experiences with the software. The OMP Early Adopter Initiative includes: Athabasca University Press; Freie Universität Berlin; Ediciones de la Universidad de Murcia; Open Humanities Press; University Library Systems at the University of Pittsburgh; Smithsonian Institute; Temple University Press; University of Windsor, Philosophy Department & Leddy Library. Collectively, they represent a wide array of OMP use cases, including an established university press; a scholarly publishing group; an academic department; and an academic library providing hosting services.

Open Journal Systems (OJS)

With the beta release of OMP in late 2012, PKP's focus shifted from the ongoing extension and development of the successful 2.4.x line of releases towards back-porting the new software architecture to a major new development line – OJS 3.0. This work will take us into 2014 and is already showing a significant decrease in total code size from 302,000 lines of code to 232,000, while introducing more contemporary coding practices that will provide the foundation for functional enhancements to OJS in the coming years. This is exciting work that will shortly result in an early OJS 3.0 public beta. Several of our partners, such as the Freie Universität Berlin and our many translators have provided ongoing invaluable contributions. Planning has commenced for a UI/UX review of the new OJS 3.0 by the California Digital Library.

PKP started as a research project, and primarily through the efforts of John Willinsky, PKP's founder and director, continues to participate in a variety of initiatives with many different partners. This direct relationship with faculty and researchers helps PKP to stay in close contact with a critical constituency while also ensuring that our software development activities are informed by emerging trends in scholarly publishing and communication.

Smarter Scholarly Texts for Cross-Platform Publishing, Text-mining, and Indexing
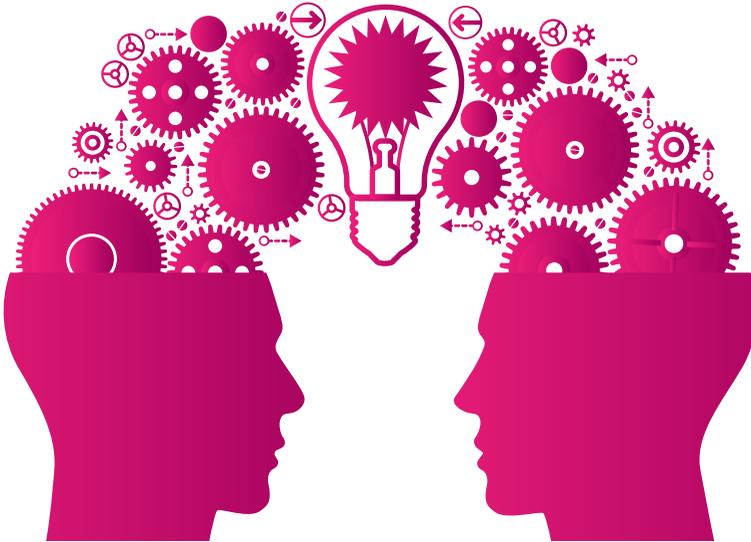
Following up on the promise of Lemon8-XML and community feedback, PKP started working with financial support from Stanford University's MediaX program on a new article parsing and production service. This service is intended to provide a substantially automated means of going from an unformatted Word (or compatible) document to publication-ready HTML and PDF, using NLM XML 3.0 as a backend. It includes additional functionality such as citation parsing and XMP metadata generation. It is currently available in demonstration form at http://pkp-udev.lib.sfu.ca/dev/, with an OJS plugin to follow in a future release.

Dataverse/OJS integration

Since 2010, PKP has been working with Harvard's Institute for Quantitative Social Science on integrating their Dataverse platform with OJS for automatic deposit of and access to research data. Although OJS allows for the publication of supplementary files alongside articles, it previously had no special provision for the review, publication, or presentation of common research data formats. This integration allows journals to facilitate data sharing and archiving, allowing authors to be able to deposit their research data at the same time as their article. This streamlines the data submission process and provides an indexed, permanent identifier for published data. As part of the project, PKP plans to identify up to 100 OJS-based journals that will participate in the testing and initial implementation of the OJS/Dataverse plug-in. The Ontario Council of University Libraries (OCUL) group is also participating in this project by providing journals hosted at their various sites.

In 2012 PKP introduced two new funding models to ensure its financial sustainability, which involved growing responsibilities around the expanding number of journals, books, and conferences dependent on its software. The first model involved strengthening PKP's hosting and software customization services for libraries, universities, and other publishers using its free software; the second involved creation of an institutional sponsorship program for research libraries, many of which are now providing PKP software as a new publishing service model to their institutions.

Community Sponsorship Initiative

PKP's community sponsorship initiative ended its first full year with 6 Development partners and 26 sponsors. Interested organizations can sponsor the project directly on an annual basis, and some have become more involved as Development partners who provide major financial, and in-kind, support. Development partners have access to the core PKP development team and are involved in long-term technical and administrative planning. In 2012, sponsorship activities focused on North American libraries and was particularly successful amongst ARL and CARL libraries. In the coming year, PKP hopes to expand to other geographic areas and also develop support models that will encourage a more broadly-based sponsorship program.

Community-based committees

PKP sponsors are eligible to join the Members and Technical Committees, and all development partners participate on the Advisory Committee. PKP's first Annual General Meeting was held in September 2012, with opportunities for partners and sponsors to receive a full account of our activities and to provide counsel and advice. Advisory, Technical, and Members Committees made up of our partners, sponsors, and PKP team members were developed, and all of these started meeting during 2012 to collaborate on PKP software and community developments.

SUPPORT

PKP has always been very aware of the importance of providing high quality documentation and other forms of direct support to our large user community. PKP's online support forum continues to be a very active and participatory venue where thousands of participants seek and share advice on installing and using OJS and other PKP software. The PKP Team maintains a strong presence on the forum and answers many queries, but it also gratifying to see users offer help and advice to each other.

PKP Publishing Services (PKP|PS)

PKP Publishing Services (PKP|PS), is an in-house hosting and custom development service specifically for users of OJS and other PKP software. PKP began these services in the mid-2000's, as an ad-hoc cost recovery mechanism for the project and as a means to more closely work with users of the software. Since then, the number of hosted instances of OJS, OCS, and more recently OMP has risen to over 120 customers and in 2012 we developed a more professional identity for PKP|PS. This has required a deeper level of commitment to infrastructure: hardware, network uptime, and software management across hundreds of installed instances of OJS, OCS, and OMP. PKP|PS currently hosts over 450 journals and conferences, with several OMP instances starting up, and now acts as a significant funding resource for PKP, not to mention a critical vector for feedback from day-to-day users of the software.
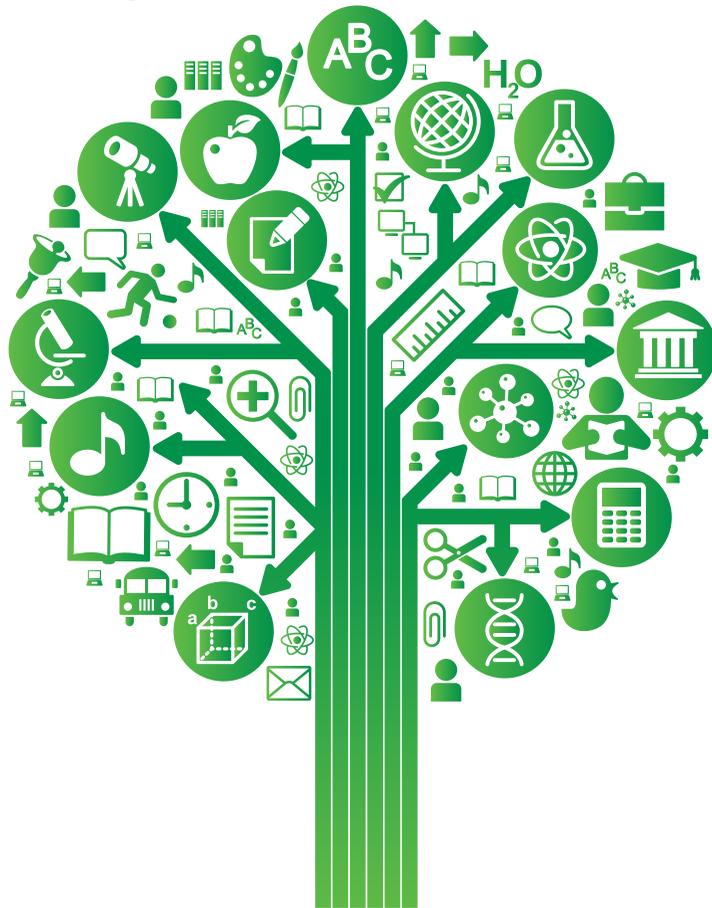
FINANCIAL SUMMARY

Revenues

Development partners & Sponsors	$241,000
SFU Library (in-kind)	151,904
Publishing Services	262,535
Grants	94,134
Total	**$749,573**

Expenditures

Personnel	$581,995
Community Support Activities	4,575
Infrastructure	12,326
Administration	37,459
Total	**$636,355**

Our activities would not be possible without the continued support from all of our partners and sponsors. The following institutions have joined the PKP community, sharing our continued commitment to the support and development of alternate forms for scholarly communications. They ensure that we can continue to develop and improve our open source software and enhance the quality and reach of scholarly publishing.

Development Partners

$25,000+

California Digital Library

Ontario Council of University Libraries

Simon Fraser University Library

Stanford University School of Education

University of British Columbia Library

University of Pittsburgh Library

Platinum Sponsors

$15,000

University of Alberta Libraries

University of Tennessee Libraries, Knoxville

Gold Sponsors

$10,000

Indiana University Libraries

McGill University Library

Texas Digital Library

University of Calgary Libraries

University of Illinois Libraries (Chicago / Urbana-Champaign)

University of Toronto Libraries (OCUL)

University of Victoria Libraries

University of Windsor Library (OCUL)

York University Libraries (OCUL)

Silver Sponsors

$5,000

Johns Hopkins University Libraries

University of Florida Libraries

University of Guelph Library (OCUL)

University of Manitoba Libraries

University of New Brunswick Libraries

University of Ottawa Library (OCUL)

University of Western Ontario Libraries (OCUL)

Bronze Sponsors

$2,500

Brock University Library (OCUL)

Carleton University Library (OCUL)

Dalhousie University Libraries

McMaster University Library (OCUL)

Ohio State University Libraries

Queen's University Library (OCUL)

University of Arizona Libraries

Wilfrid Laurier University Library (OCUL)

OJS

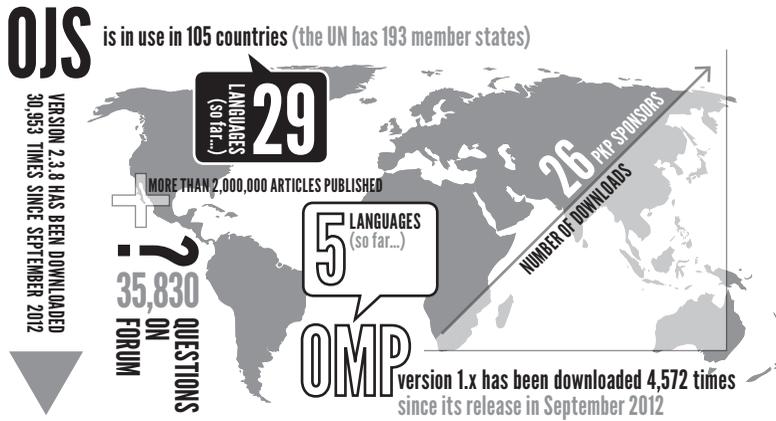is in use in **105 countries** (the UN has 193 member states)

VERSION 2.3.8 HAS BEEN DOWNLOADED 30,953 TIMES SINCE SEPTEMBER 2012

29 LANGUAGES (so far...)

MORE THAN 2,000,000 ARTICLES PUBLISHED

? 35,830 QUESTIONS ON FORUM

5 LANGUAGES (so far...)

26 PKP SPONSORS

NUMBER OF DOWNLOADS

OMP

version 1.x has been downloaded 4,572 times since its release in September 2012