1-2016

PDXScholar Annual Report 2015

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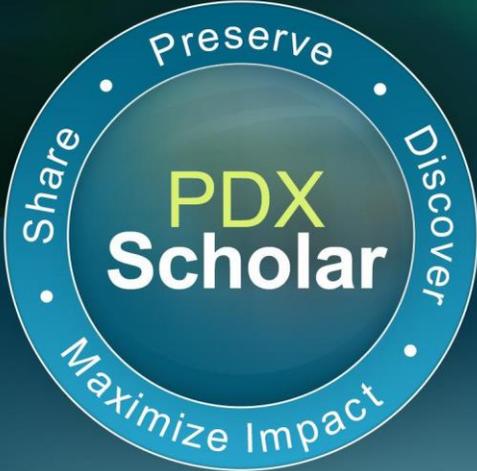Follow this and additional works at: http://pdxscholar.library.pdx.edu/ulib_fac

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PDXScholar Annual Report 2015

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Introduction

[PDXScholar](#) is a full-text, online, open access repository and publishing platform for the scholarship, creative output and research of PSU.

The goals of the repository are to:
- Serve as a persistent and centralized access point for PSU scholarship and creative works
- Promote faculty and student research to the global community
- Provide a platform for faculty to post Open Access publications to meet requirements of funding agencies

By providing visibility and accessibility of significant student and faculty work, PDXScholar makes it easier for scholars to communicate their knowledge with one another.

2015 Highlights

- Portland State University Library joined the Library Publishing Coalition and the Open Textbook Network.
- PDXScholar grew by over 60% with 4,383 records added.
- PDXScholar saw an 81.6% increase in full text downloads from 342,344 in 2014 to 621,741 in 2015, consistent with increasing growth of downloads in previous years.
- The top three collections with the most downloads were the Electronic Theses and Dissertations Collection (258,110); University Honors College Theses (37,023); McNair Scholars Online Journal (22,100).
- With generous support from donors Robin and Robert Holmes and the Intensive English Language Program, the Library was able to offer a second round of open access textbook publishing. Five new open access textbooks were supported.
- The Oregon Sustainable Community Digital Library (OSCDL) collection was migrated to PDXScholar.
- Two new data sets were added to PDXScholar.
- New oral history collections were added, including the [People and the Land: An Oral History of Oregon's Statewide Land Use Planning Program](#) and the [Portland Black United Front Oral History Project](#).

Growth & Readership

Statistical Overview

964,085	**Cumulative full-text downloads as of Dec. 31, 2015**
621,741	**Full-text downloads in 2015**
11,052	**Items in PDXScholar as of Dec. 31, 2015**
4,383	**New items added to PDXScholar in 2015**
87	**average downloads per item as of December 31, 2015**

Full-text Downloads 2014-2015
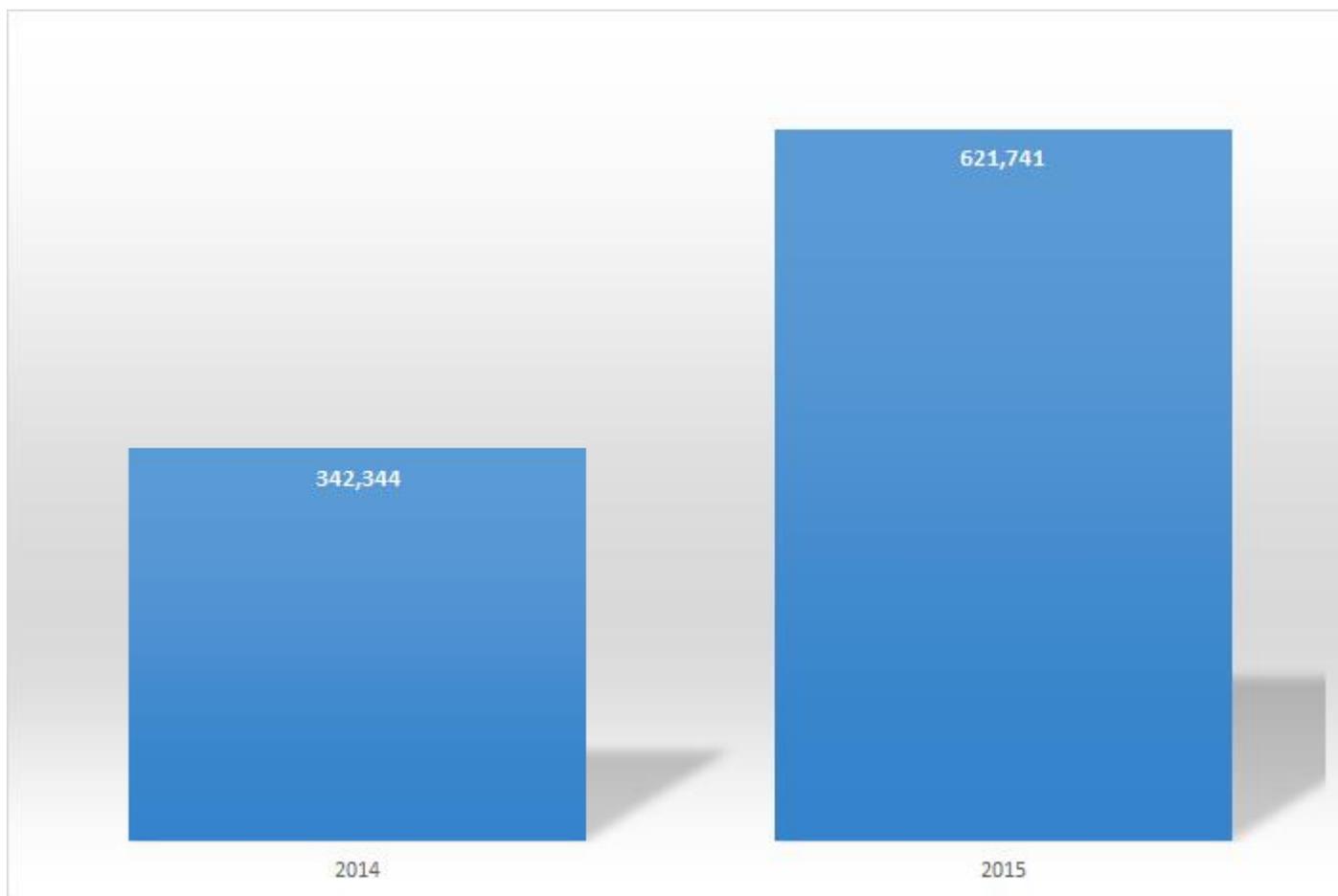
Activity by Year
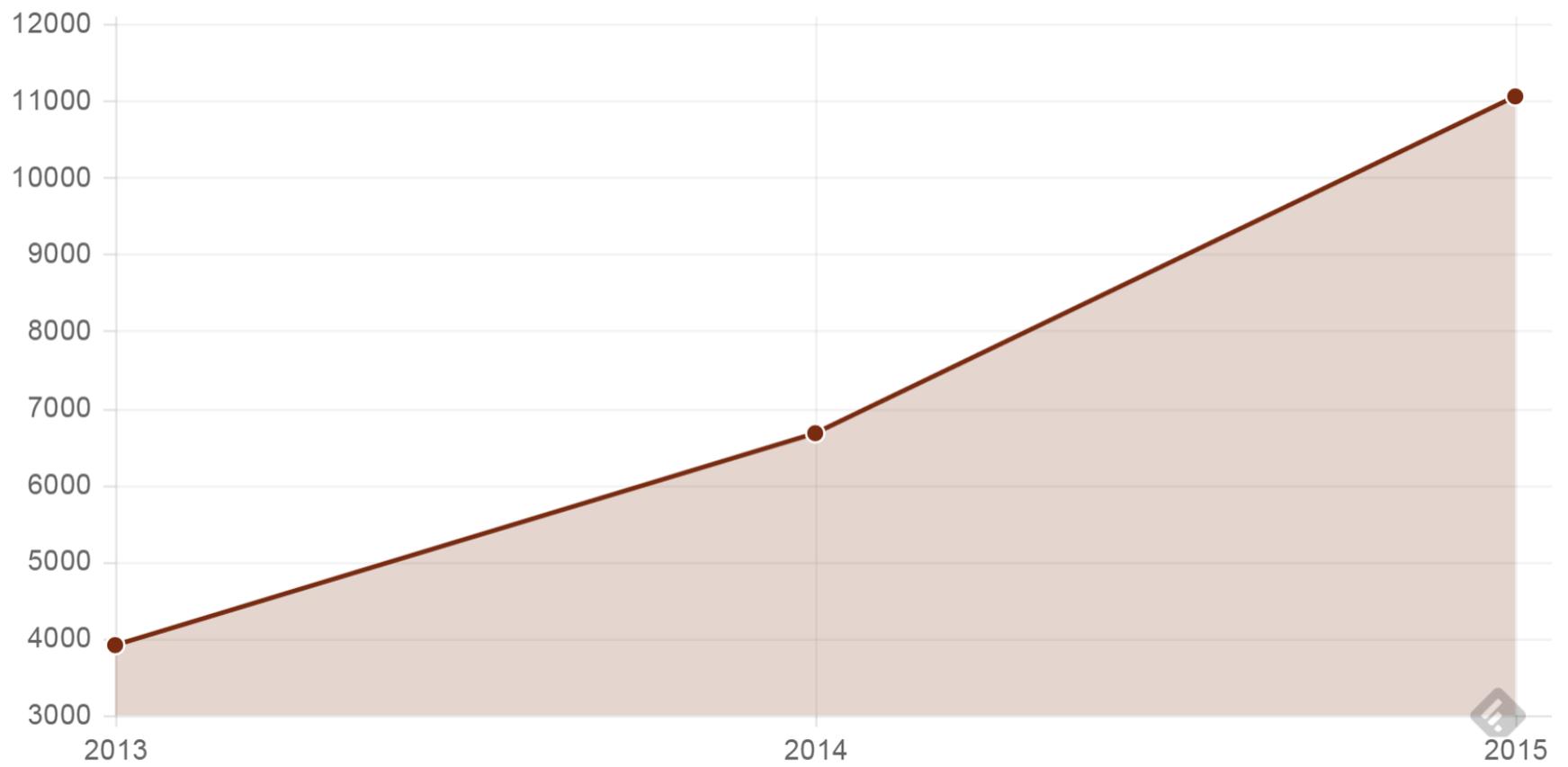
Worldwide Readership Map
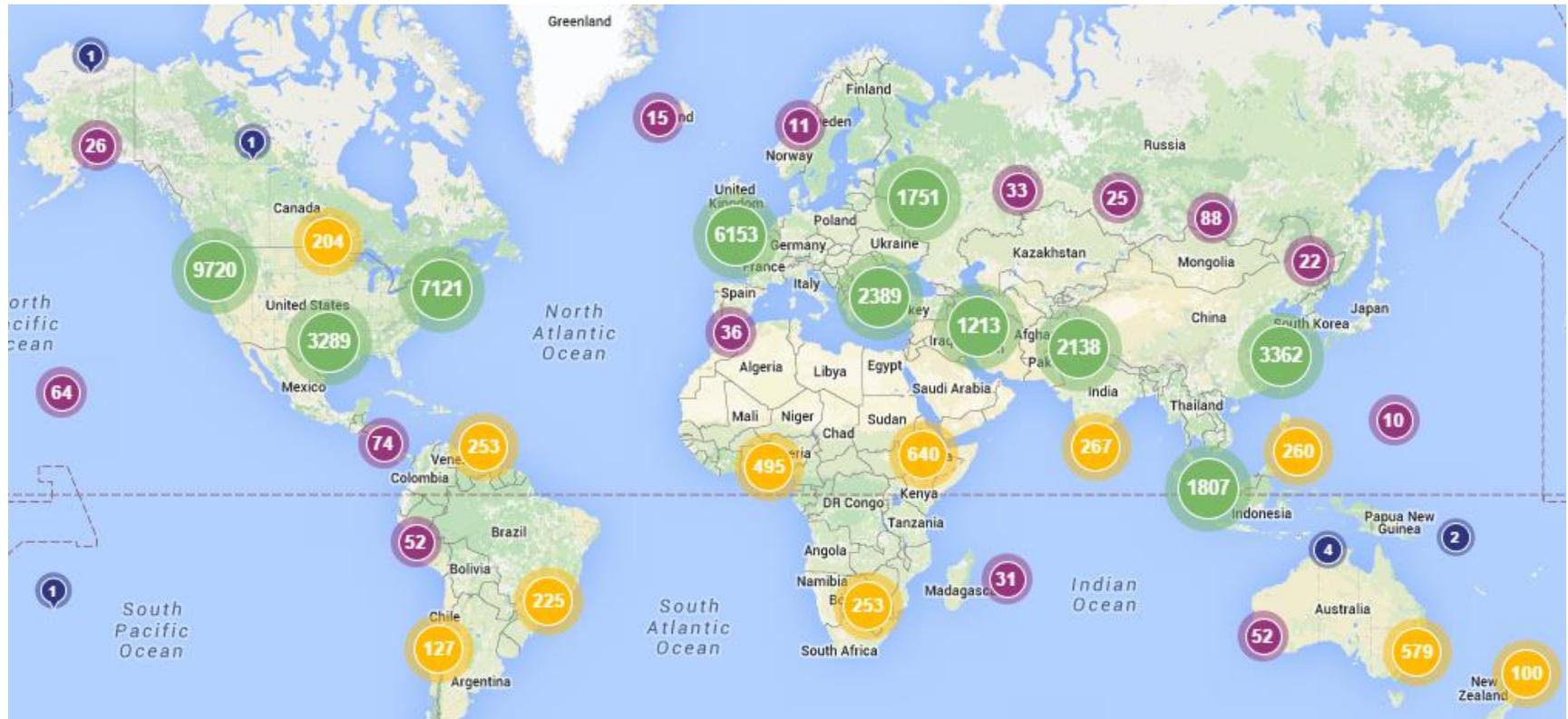
Most Downloaded Collections

Collections	Downloads
Dissertations and Theses	258,110
University Honors College Theses	37,023
McNair Scholars Online Journal	22,100
Young Historians Conference	18,809
Institute for Sustainable Solutions	16,316
Urban Studies and Planning Faculty Publications and Presentations	12,108
Civil and Environmental Engineering Faculty Publications and Presentations	11,282
Oregon Sustainable Digital Library (OSCDL)	8,098
Physics Faculty Publications and Presentations	9,818
Environmental Science and Management Faculty Publications and Presentations	6,617
Master of Urban and Regional Planning Workshops Projects	6,047
Institute of Portland Metropolitan Studies	3,966
Open Access Textbooks	3,896
Anthos Journal	3,839
Population Research Center	2,845

Most Downloaded Items

Items	Downloads
A Manual for Objective TAT Scoring	5,247
Social Media and Self: Influences on the Formation of Identity and Understanding of Self through Social Networking Sites	5,234
Planetary Boundaries: Exploring the Safe Operating Space for Humanity	4,109
The Value of New Jersey's Ecosystem Services and Natural Capital	3,843
Open Innovation and Strategy	3,757
Social Control Theory and Delinquency	3,673
On the Origins of Negative Attitudes Towards People With Disabilities	3,446
Investigation of Impedance Spectroscopy for Detection of Ovarian Cancer	3,427
Parental Advisory Explicit Lyrics: A Case Study of Music Censorship and Suppression in America	3,249
Sustainable Event Management of Music Festivals: An Event Organizer Perspective	3,188
Brew to Bikes: Portland's Artisan Economy	3,165
Development of an Ultra-Lightweight Buckling-Restrained Brace Using Analytical and Numerical Methods	3,153
The Representation of Women in Comic Books, Post WWII Through the Radical 60's	3,052
Oral Health Knowledge, Attitudes, and Behaviors: Investigation of an Educational Intervention Strategy with At-Risk Females	3,012
Africans and African Americans: Conflicts, Stereotypes and Grudges	3,008

[Spontaneous Parametric Down-Conversion and Quantum Entanglement](#)	2,762
[Fundamental Studies in Selective Wet Etching and Corrosion Processes for High-Performance Semiconductor Devices](#)	2,687
[Behavioral Changes due to Overpopulation in Mice](#)	2,669
[The Diggable City: Making Urban Agriculture a Planning Priority](#)	2,602
[Joint Angle Tracking with Inertial Sensors](#)	2,434

The 20 most-downloaded items in PDXScholar for 2015 represent the diversity of participants in the Library's repository and publishing program. Faculty (6), graduate theses and dissertations (8), undergraduate honors theses (2) and undergraduate and graduate student work (4) are all represented in the top 20.

Visits: United States Distribution (Top 10)

	Oregon	California	Washington	New York	Texas	Illinois	Pennsylvania	Massachusetts	Florida	Virginia
■ 2015	34,492	8,092	3,820	3,052	2,558	1,772	1,668	1,582	1,483	1,318
■ 2014	26,261	4,384	2,603	1,701	1,307	877	866	849	799	732

■ 2015 ■ 2014
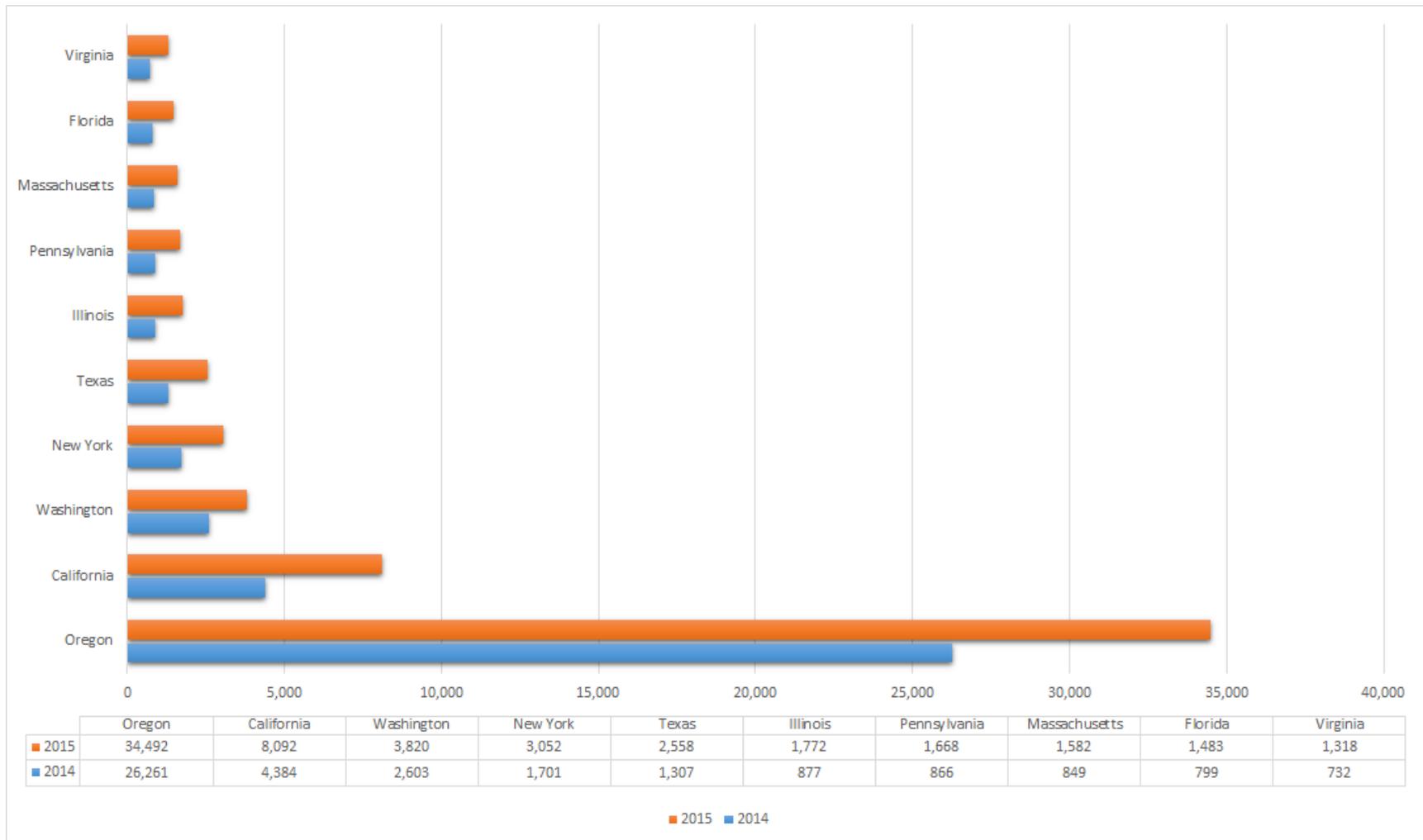
Visits: International Distribution (Top 10)

	United States	United Kingdom	Canada	Australia	India	Germany	China	Netherlands	Philippines	Iran
2015	79,425	6,178	4,104	2,972	3,541	2,415	1,647	1,667	1,746	1,237
2014	51,058	3,838	2,386	1,716	1,596	1,377	967	807	801	716

■ 2015 ■ 2014
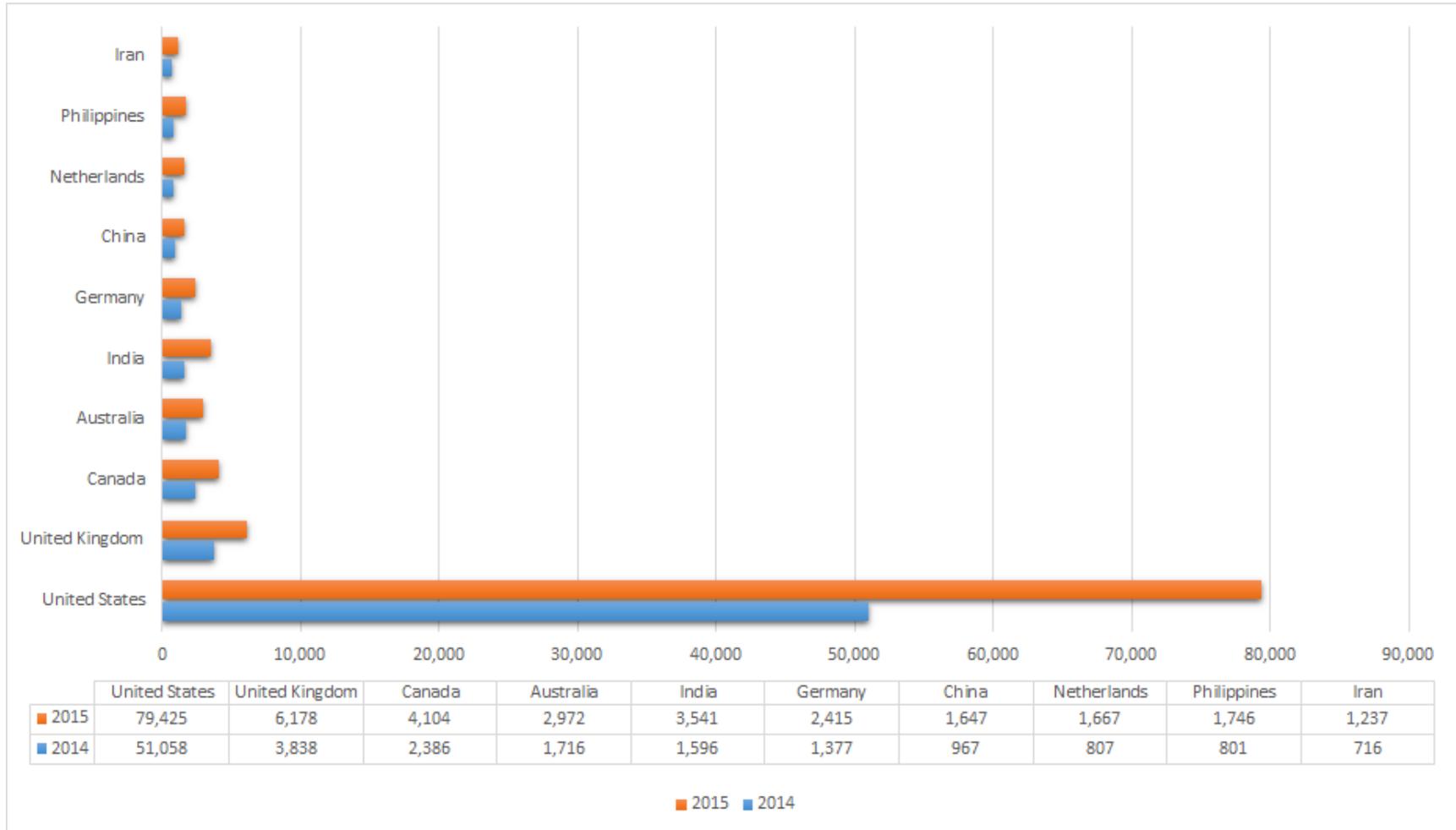
Publishing Initiatives

Open Access Textbooks

Following the successful publication of five open textbooks through [PDX Open](#) in 2014[1], and the generous support from donors Robin and Robert Holmes, PSU Library announced a second round of funding for the development of open access textbooks by Portland State University faculty.

Five PSU faculty were awarded $2,500 stipends that could be allocated at the faculty member's discretion, for professional travel, research support, peer-reviewers, accuracy checkers, and copy-editors.

Selections:
- Amber Bliss Calderón, Intensive English Language Program
  Textbook Title: PDX Journeys: Studying and Living in the US, Low-Intermediate Novel and Textbook for University ESL Students (to be published spring 2016)
  Course Information: LING 124

- Robert Sanders, World Languages and Literatures
  Textbook Title: [Leyendas y arquetipos del Romanticismo español](#)
  Course Information – used by Spanish majors and minors

- KyungAh Yoon, World Languages & Literatures
  Textbook Title: Learning Korean through Folktales (to be published spring 2016)
  Course Information: KOR 103, KOR 203, KOR 301

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[1] Bjork, Karen, "PDXScholar Annual Report (2014)" (2015). *Library Faculty Publications and Presentations.* Paper 163.
http://pdxscholar.library.pdx.edu/ulib_fac/163

- Emiko Konomi, School of Business Administration
Textbook Title: [Beginning Japanese for Professionals: Book 1](link)
Course Information: MIM 505: Beginning Japanese 1, 2, and 3

- Lina Gomaa, World Languages & Literatures
Textbook Title: [From MSA to CA: A Beginner's Guide for Transitioning into Colloquial Arabic](link)
Course Information: Arabic majors and minors

Testimonials from Open Textbook Authors

Robert Sanders author of *Leyendas y Arquetipos del Romanticismo Español*
"The funding and expert advice provided by PSU Library's Open Textbook Initiative allowed me to develop a peer-edited textbook that reflects the latest curricular developments in my discipline without the excesses of traditional textbook publishing: excessive scope, size, and cost. Of particular value were the funding for peer editors and layout, as well as the meetings with publishing and editing experts. Curriculum diversification in Hispanic studies is likely part of a greater trend that will require more diverse textbook resources, as opposed to the mammoth textbooks of tradition which are subject to significant demands for return on investment and therefore very general. Writing for EDUCAUSE Review, Malcolm Brown identifies open access textbooks and other open educational resources as one of six major trajectories of future education (July/August 2015). Open access textbooks are also much more adaptable to course modules, another trend of curricular change. I am particularly enthusiastic about publishing this open-access textbook for intermediate Spanish students because, to date, there are no Spanish titles in the Open Textbook Library. I hope mine will be the first!"

Lina Gooma author of *From MSA to CA: A Beginner's Guide for Transitioning into Colloquial Arabic*
"This project allowed me to help in tailoring a book for the very specific needs of my PSU students of Arabic. Speaking colloquial Arabic is no easy task and this book utilizes what PSU students know from studying Modern Standard Arabic to speak colloquial Arabic. I can now refer my students to the book which allows me to have more facilitating role and gives the students a lead in their learning process without the hurdles of cost or lack of resources availability.

This project provided the opportunity for me to work closely with my colleagues in the library and other departments who I do not frequently interact with during the academic year. The help I was given from the library team made the process much easier and very rewarding. I have learned more about copyright and publishing which I surely will need in the future. Thank you!"

Emiko Konomi author from _Beginning Japanese for Professionals: Book 1_
"This was a very rewarding project for many reasons. Reducing textbook costs for students is an important cause for PSU, and I'm happy that I was able to contribute to this end.   Also, the custom made textbook allows me to design a more efficient and effective curriculum and improve course content significantly. It is also great that the textbook can be updated in real time, given how quickly language textbooks get outdated these days. I'm happy to say that many students will benefit a great deal from this project for years to come.

I'd like to thank Karen Bjork and the Library for their assistance and support. I hope there will be more opportunities like this in the future."

Amber Bliss Calderón author from _PDX Journeys: Studying and Living in the US, Low-Intermediate Novel and Textbook for University ESL Students_
"The open access textbook publishing project has been a challenge. I completely underestimated the amount of time and energy required to produce a textbook of substance. Just the background work alone (looking for articles, interviewing students, getting feedback) takes an enormous amount of time. For every hour I spend writing, I probably spend 2-3 hours preparing to write.

However, the experience has been incredibly rewarding as well. The support from the Open Access team at the library has been beneficial and made me aware of resources that I did not know about previously. Meeting with Karen Bjork regularly has helped me move the project forward--especially when I felt frustrated with or inadequate to the task. Finally, seeing the project take shape and transform into something beyond the original concept is really exciting. I feel really fortunate that this project allows for that."

KyungAh Yoon author from *Learning Korean through Folktales*

"Many language teachers develop and create learning materials themselves when they see students' needs but cannot find appropriate materials in the market. Whenever I found myself in a similar situation. I wished there were a place to look for materials developed by teachers-in-practice and easily adopt them for my students. I was excited to learn about The PSU Open Access Textbook because it could serve as the efficient and resourceful depot I had imagined. I am therefore grateful and proud to be part of its mission, knowing that my materials can be shared with any teachers and students who would find folktale stories an engaging venue for learning the Korean language and culture."

Conferences and Journals

The following conferences were added to PDXScholar in 2015:
- Critlib Unconference - This unconference, which coincided with ACRL 2015, aimed to bring together a diverse group of voices to address social justice work from a range of perspectives.
- Library Instruction West 2014 - Library Instruction West is a two-day conference dedicated to exploring library instruction and information literacy information.
- Lyric Truth: Rosemarie Beck - This multidisciplinary symposium explored themes in art, poetry, music and drama in conjunction with the collaborative exhibition "Lyric Truth: Paintings, Drawings and Embroideries by Rosemarie Beck."

Journal publishing services continue to see growth. Although journals are published through the *PDXScholar* platform, editors retain independent control of content and peer review processes. All work submitted to each journal is reviewed, accepted, and published according to the journal's specific policies.

In 2015, we worked with two new student journals as they move towards designing and publishing their journal through PDXScholar. The two new journals, Beta Alpha Psi Epsilon Alpha Journal and The Hatfield Graduate Journal of Public Affairs are expected to go live in 2016. With the addition of these new journals, PDXScholar will be hosting 4 active student journals.

Noteworthy Projects

Open Textbook Library

In 2015, Portland State University joined the Open Textbook Network, a consortium of colleges and universities working to advance open textbook initiatives.

As part of this membership, Portland State is hosting an Open Textbook Workshop this fall. Sponsored by the Office of Academic Affairs, the Office of Academic Innovation, and the University Library. On Tuesday November 3, 2015, Dr. David Ernst of the University of Minnesota's Open Textbook Library and Sarah Cohen of the Open Textbook Network came to Portland State University (PSU) to lead workshops on the open textbook library and open textbook adoption. The day consisted of three workshops and a meeting with PSU past and current open textbooks authors.

The workshop designed specifically for PSU departmental faculty, introduced the concept of open textbooks, their benefits, and how to find and incorporate them into courses. Attendees included Seventeen faculty members from Chemistry, University Studies, World Languages, English, Finance, Theatre and Film, Mathematics and Statistics, Computer Science, and Intensive English Language Program. The workshop focused on how much the price of textbooks has risen in the last 5-10 years and the impact this had on student success and retention.

In 2015, four PSU open textbooks were added to the [Open Textbook Library](). These books will be reviewed by faculty from a variety of colleges and universities to assess their quality.

Oregon Sustainable Community Digital Library Migration

The Oregon Sustainable Community Digital Library (OSCDL) was developed to serve as a central repository for the collection and dissemination of key urban planning documents, reports, maps, and related materials on the Portland Metropolitan area. The collection of 2,633 includes literature, planning reports, digital images, maps, RLIS (Regional Land Information System) geographical data, and more from Portland State University, Metro, TriMet, and other municipal and non-profit agencies.

The OSCDL collection was housed on an old website that could no longer be maintained. In 2015, the Digital Initiatives Unit migrated the OSCDL collection from the old website into PDXScholar. The migration included a collection audit to determine the relationship between the digital objects and better understanding material. The enhanced discoverability of the collection has made it one of PDXScholar's top collections with over 8,000 downloads.

SelectedWorks

In 2015, 84 new SelectedWorks author profiles were created. Currently, there are 222 total SelectedWorks profiles.

In January 2016, bepress rolled out the new SelectedWorks. With the platform upgrade Digital Initiatives will expand our marketing and outreach of SelectedWorks to faculty. Our goal is to create additional sites for faculty in departments that are underrepresented, as well as expanding the overall number of SelectedWorks sites.

Dissertations and Theses

The Digital Initiatives unit continued its project to digitize PSU theses, Dissertations and Practicum Reports.

In 2015, 358 items were digitized and added to PDXScholar. To date, 941 theses, dissertations and practicum reports have been digitized. The Digital Initiatives Unit has been creating electronic resource catalog records for newly digitized theses and dissertations since receiving training in 2015

What People are Saying about PDXScholar

Name: Ted Timmons
Country: US
Comments: I'm a Portland community member and happen to be PSU alumni. Papers are often available for those who are in school or in research, but as an average citizen it is harder to see them. Having access to grad papers is fantastic.

Name: Roy Long
Country: US
Comments: Investigation of Cascadia Subduction Zone issues

Name: Max
Country: US
Comments: hi, I just read Heather Jo Burmeisters "Rural Revolution: Documenting the Lesbian Land Communities of Southern Oregon". I am a lesbian living in southern Oregon and have been really wanting to connect with this movement. Her work is going to make it possible for my partner and me, both lesbians with severe complex PTSD who rarely leaves, to start engaging with this community. We are so isolated and had no idea lesbians were here. I wanted to truly and deeply thank Heather Jo and whoever else made her work available :-)

Name: Nicole
Country: Costa Rica
Role: Student
Comments: This is a great presentation! Helped me understand better how the distinction between sex as an act / as a sexual identity can co-exist as separate aspects of the same person, if the assumptions from someone's identity can lead to misleading assumptions about their sexual preferences. Thanks.

Name: Racha
Country: France
Role: Student
Comment: Thank you for making this research available
Name: Leanne
Country: US
Comments: I have an adopted child who was exposed to methamphetamines, tobacco and alcohol in utero. He has been through two psychological workups and was diagnosed on the Autism Spectrum. My husband and I as well as our now 17 year old son disagree with the Autism diagnosis. We truly feel that his issues are directly linked to his birthmother's drug use. I am thrilled to be able to see that there is research being done to support our intuition.

Name: Not Provided
Country: Vietnam
Role: Student
Comments: Thanks Portland State University for letting me get free access to such a useful resource like this. Here I have found a lot of necessary material in order to help me know more about GDP as an Economics student. Regards.

Name: Susan Young
Country: US
Comment: As a consultant to public charter schools, I found access to Van Gasse dissertation invaluable in helping me to frame a Professional Development session. Kudos to open access!

Name: Not Provided
Country: US
Comment: I'm an editor fact-checking some historical elements in a novel, and I appreciate access to the information on Charles Broadwater. Thanks!

Name: Kerry Austin
Country: Australia
Role: Researcher
Comment: this article will help my research into ICT education thank you for writing it

Name: Tom Murphy
Country: United States
Comment: I'm reviewing research papers on pentachlorophenol (penta) in utility poles in an attempt to better manage stormwater runoff from pole yards. Working within the electric utility industry, storage management improvements and more effective engineering controls likely exist. Implementing them would result in a reduction of the amount and/or concentration of penta to the underlying groundwater.

Name: Jake
Country: United States
Role: Student
Comment: As an Emergency and Disaster Management student this paper truly help understand the public aspect to Emergency Management.

2016 Goals

For 2016, we look forward to:
- Continue retrospective digitization and ingestion of theses and dissertations;
- Celebrating a major milestone: One million full-text downloads;
- Expanding student collections;
- Continued support of open access textbook publishing;
- Expanding awareness and adoption of services related to PDXScholar, SelectedWorks, hosting journals and conferences, and managing data sets;
- Leveraging and diversifying partnerships to expand content in PDXScholar;
- Undertake a short-term pilot project by the Library to identify how PDXScholar activity might be expanded to identify and include as much PSU scholarly activity as possible.