



Western Michigan University
ScholarWorks at WMU

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University Libraries

8-2017

ScholarWorks Annual Report 2016-17

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ScholarWorks Annual Report

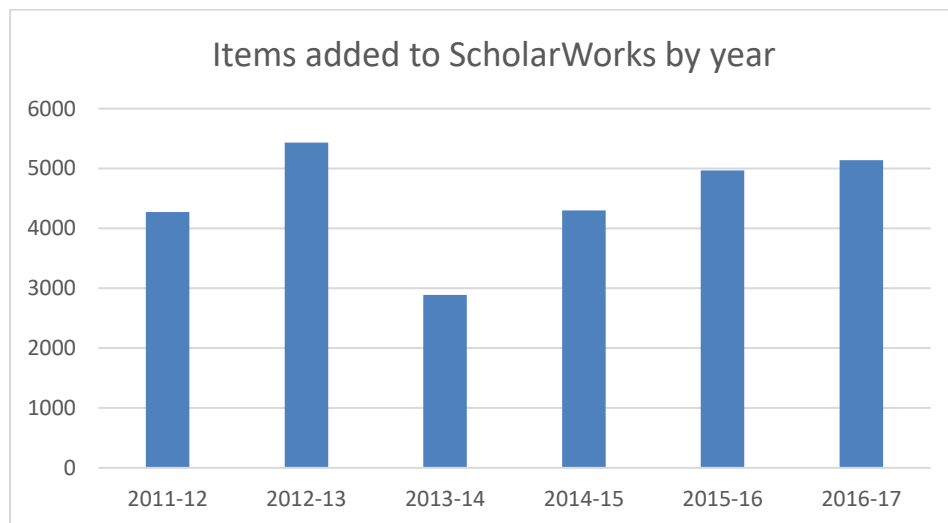
July 2016-June 2017



Readership Map of downloads from ScholarWorks 2016-17

ScholarWorks Projects

By the end of June 2017 ScholarWorks contained **24,910 items**, 5102 added in the last year. Users from around the world downloaded these items **4,568,029 times**, 1,680,876 times in the last year.



All nine colleges are represented in ScholarWorks, with 49 departments (only 3 departments do not have a presence), twelve centers or institutes and eight other units. The following are the major projects for ScholarWorks this past year:

- **Back dissertations** - The largest project was completing the uploading of all back dissertations that we purchased from ProQuest at the end of 2014. 1539 dissertations were uploaded this year going back to 1968.
- **Western News & Western Newsletter** - All issues (almost a 1000) of these two university newsletters were uploaded going back to 1955. These are useful for questions on university history.
- **Comparative Drama** began uploading its issues and got in about 10 years. The editors are doing this themselves and they are not making the articles available, even on campus.
- We continued adding to faculty published books, newsletters and various series. The Medieval Institute Publications added a new journal – **Medieval Prosopography** and we were able to locate, digitize and upload **WMU Fact Books** going back to 1980.

Student Work

Almost a third of the items and downloads in ScholarWorks are student work. (29% for each)

Dissertations and Master's Theses

By the end of June 2017, we had a total of **3067 dissertations and 886 master's theses**. **Dissertations have been downloaded 457,200 and master's theses 225,000 times**. We have completed entering back dissertations and are now working on the back master's theses. Dissertations and master's theses are displayed by year as well as on separate pages by departments in virtual collections. We have 24 departmental pages for dissertation and 24 for master's thesis.

Honors Theses from the Lee Honors College

The Lee Honors College continues uploading honors theses into ScholarWorks. By the end of June 2017, there were 2879 honors theses in ScholarWorks, downloaded 611,000 times. Since many of them are only available on campus, we get requests to provide access to a copy from outside WMU. We try to locate the alumnus, first asking the alumni office for contact information, and have often been successful to locate the author and get permission. The honors thesis: "The Effect of Classroom Environment on Student Learning" is the highest downloaded item in SW with 173,000 downloads.

Graduate student posters

We attended the Research and Creative Activities Poster Day to talk to students and advisors. We entered 48 citations and 24 posters for 2016 for a total of 216 that have been downloaded 11,600 times. Many are restricted. We discovered that occupational therapy had a poster day and added those.

Senior Engineering Design Projects

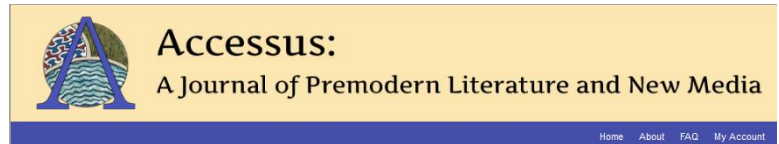
We kept adding the Conference on Senior Engineering Design programs into SW. We met with engineering faculty, but still need to get the actual projects into SW.

Journals

Journals account for 27% of the content in ScholarWorks and 60% of the downloads.

Accessus

- Published by the English Department
- 2013-present, 2 per year, 6 issues so far, 26 articles, 4,400 downloads
- First to include video clips as part of the journal



Comparative Drama – New!

- Published quarterly by the English and Theatre departments
- Journal began in 1967. They receive payments from JSTOR, Project Muse and others, so they are not willing to make it open access, but needed a place to store their files, as they move away from the university website.
- The editors are doing the uploading and have put up 41 issues going back to 2007.



GrandFamilies

- Family & Consumer Sciences at WMU is partnering with Georgia State on this journal about grandparents raising children.
- 2014-present, 1 or 2 per year, 5 issues so far, 41 articles, 8,500 downloads



The Hilltop Review

- Published by the Graduate Student Association
- Editors change frequently and they have no faculty advisor.
- 2005-present, 14 issues, 185 articles, 230,000 downloads



International Journal of African Development

- Published by Center for African Development Policy Research
- 2013-present, 2 per year, 7 issues, 54 articles, 21,900 downloads
- Requires a lot of work from the SW librarian, though we have trained their editors and assistants



Journal of College Access

- Was created by the Office of Enrollment Management with the Michigan College Access Network
- Editor moved away from WMU, but continues publishing the journal
- 2015-present, 1-2 per year, 3 issues, 19 articles, 4,100 downloads



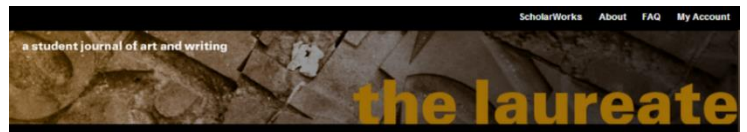
The Journal of Sociology and Social Welfare

- Published by the School of Social Work
- 1973-present (2 year embargo), 2,937 articles, 611,300 downloads
- We are still uploading the new issues for the editors



The Laureate

- Published by the Honors College
- Undergraduate student creative writing and other creative work
- 2002-present, 1 per year, 16 issues, 547 entries, 8,000 downloads



The Medieval Globe

- Published by the Medieval Institute Press
- 2015- present, 3 issues, 31 articles, will be subscription based



Medieval Prosopography – New!

- Began in 2016, 1 issue, 18 articles
- Published by the Medieval Institute Press
- Subscription based



Open Journal of Occupational Therapy

- Published by Occupational Therapy department
- Doing very well at publishing regularly
- 2012-present, 4 per year, 19 issues, 251 articles, 209,000 downloads



Reading Horizons

- Published by Literacy Studies program in College of Education and Human Development
- 1960-present, 2-4 issues per year, 2118 articles
- Most highly used publication in our repository with 1.5 million downloads



Teaching/Writing: The Journal of Writing Teacher Education

- Published by English department
- 2012-present, 1-2 per year, 8 issues, 78 articles, 36,400 downloads



Transference

- Published by World Languages and Literatures
- Journal of poetry translations into English
- 2013-present, 1 per year, 4 issues, 100 poems, 11,300 downloads



Newsletters and WMU Historical Publications

Though of less scholarly interest, newsletters still document the historical development of our university, its colleges and departments and get downloaded. The most popular historical magazine is the *Kalamazoo Normal Record* (1910-18) with over 12,000 downloads. The various university wide magazines and newsletters have seen over 40,000 downloads and are useful to our Archives staff.

The Digitization Center completed digitizing and we put up the rest of the following:

- *Western News* (1972-present) – 1328 issues
- *Western Newsletter* (1955-71) – 116 issues

We continued adding newsletters from college and departmental sites, most added an issue or more. We now have 33 newsletters with 1200 issues in SW and 86,000 downloads.

Events

The Digital Commons platform has an events feature for submitting papers and creating a schedule. 17% of ScholarWorks content is from conferences and events, but only 4% of the downloads. If papers are not attached to these, there are no downloads. A few conferences archived in SW were either one-time events or happen on alternate years and were not active this year. Other events are not using the events feature, but are archiving materials in ScholarWorks

International Congress of Medieval Studies

- Medieval Institute used SW for the 6th year to gather submissions of 578 sessions for 2017
- Medieval Congress past schedules continue to be popular with 98,000 downloads

Faculty Work

Faculty work represents 13% of the content in ScholarWorks, but half of that is one professor's WWI photo collection, which is very popular (49,000 downloads) with the centennial celebration of the war. There are various faculty projects represented and a few that have recently discovered ScholarWorks have found it a convenient way to store and disseminate their research.

Books

ScholarWorks continues its virtual version of the WMU Authors section. 663 books have been entered going back to 1998 with a cover image, abstract, links to Amazon and WorldCat. Virtual collections are available for 18 departments. Separate lists are available by range of years, as the book gallery does not allow for a “jump box” to books published in a certain year. History department personnel have been adding books by their faculty, so they have 100 in their list. We scanned a few small books by a former education professor and uploaded them full text as requested by his family.

DARDOSIPCAT

Our only data set in ScholarWorks is this set of audio and video recordings of individual interviews and group conversations of Spanish spoken in Països Catalans with transcriptions of these recordings. Because of HSIIRB concerns, they are available to researchers by permission of the author.

Faculty Contributions

Archives found 20 issues of *Faculty Contributions*, a list of faculty publications covering 1950-1981 that were digitized and we uploaded those.

Communities, Series, Items

By June 2017, SW had created a presence, a “community” in the Digital Commons vocabulary, for all nine colleges, 49 departments, twelve centers or institutes and eight other units (Provost, OVPR, Libraries and Assessment).

SW has 154 series or webpages containing content. SW also has 121 virtual series, often giving the only presence for a department in SW. 19 departments only have dissertations, master’s theses, honors theses and/or books by faculty to represent them.

Communities	Number of Series	Number of items	Downloads	Virtual series	# items
College of Arts & Sciences	46	6,628	273,258	59	3,596
College of Aviation	-	-	-	1	31
College of Education & Human Development	4	2,261	1,590,313	13	1,322
College of Engineering & Applied Sciences	7	212	8,861	16	460
College of Fine Arts	6	58	828	7	392
College of Health & Human Services	9	3,243	825,829	7	300
Haworth College of Business	3	79	1,433	6	331
Graduate College	4	4,144	912,306		
Lee Honors College	4	3,487	632,038		
Centers & Institutes	17	698	129,326	1	39
Offices & other units	30	1,203	135,763		
WMU	24	2,889	58,074	11	642
Total	154	24,910	4,568,029	121	7,113

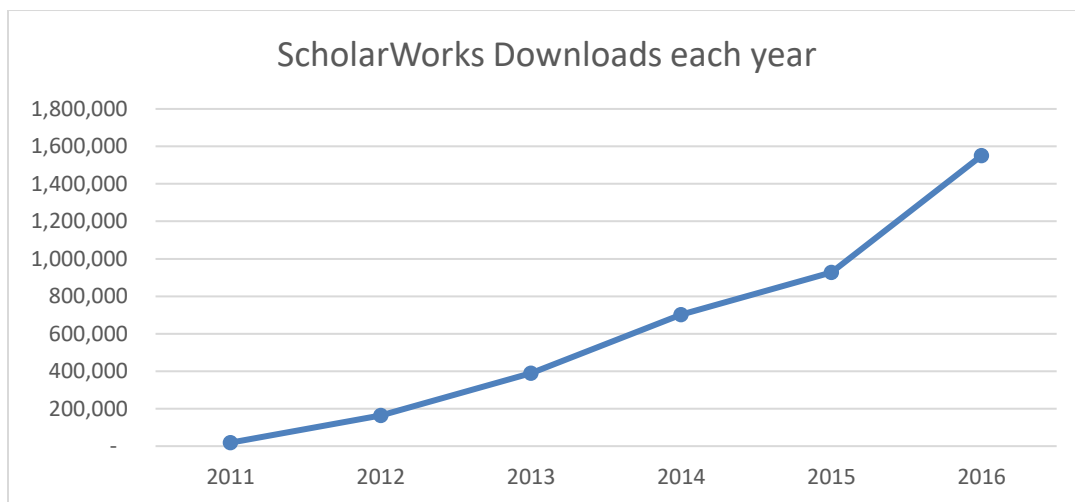
Here are the different types of series – their number, items and downloads.

Types of series	# of Series	# of items	Percent	Downloads	Percent
Student work	16	7,237	29%	1,327,314	29%
Journals – 14 journals	18	6801	27%	2,729,301	60%
Conferences, proceedings, events	20	4,184	17%	195,108	4%
Faculty publications	47	3,166	13%	170,689	4%
Newsletters & WMU magazines	48	3,070	12%	126,472	3%
Other	8	452	2%	19,145	0%
Total	154	24,910		4,568,029	

Full text

82% of everything in ScholarWorks is full text and downloadable, at least on campus. 28% of the items in ScholarWorks have never been downloaded, but over half of those items are from the Medieval Congress and other conference schedules, with nothing behind them to download. There are 650 books published by WMU authors in SW, where there is only an abstract and a link to where to find the book. Dissertations, master’s theses, honor theses, and research posters may be restricted to on campus use only. 396 articles from *Comparative Drama* are not open access, so closed to downloads. Some audio and video files are HSIRB protected and only available by request to the researcher.

Usage Statistics



The most popular series in ScholarWorks in 2016-17:

- *The Journal of Sociology & Social Welfare* – 376,471 (611,302 since 2014)
- *Reading Horizons* – 375,161 (1,583,417 since 2011)

- Honors Theses – 275, 370 – due largely to one honors theses (611,013 since 2011)
- Dissertations – 242, 582 (457,211 since 2012)
- Master’s Theses – 87,765 (225,020 since 2011)
- *The Open Journal of Occupational Therapy* – 82,802 (206, 527 since 2012)
- *The Hilltop Review* – 63,674 (229,994 since 2011)

The highest downloads per item in series was for the International Congress on Medieval Studies schedules that were downloaded an average of 1882 times each.

The most popular individual item downloaded in 2016-17 was “The Effect of Classroom Environment on Student Learning” an honors thesis from 2013 with 108,967 downloads in the past year.

From where do people access our repository?

44% of our downloads came from the United States in the past year, but people from 229 different countries have downloaded our material and countries with over 10,000 downloads this year were:

United States	Germany	Pakistan
Philippines	Indonesia	Singapore
United Kingdom	South Africa	Ethiopia
Canada	Malaysia	Netherlands
India	Russian Federation	Ireland
Australia	China	Hong Kong
France	Nigeria	Iran

Selected Works

SelectedWorks is the companion program to SW, providing a platform for faculty and graduate students to create a professional page where they can upload actual content and get download reports. 158 people have set up an account on SelectedWorks, 11 in the past year. Out of the 124 people that have live SelectedWorks pages, only 86 actually have posted any works. It appears that people created accounts as graduate students or just to try out the system, but never followed up with entering actual work. 1,748 citations have been posted with 270 of them full-text objects, which have been downloaded 82,879 times. The most downloads were for works by Maria Perez-Stable with 12,357. 13 people had from 2,000 to over 6,000 downloads.

Bepress has made major upgrades to SelectedWorks and has created Expert Galleries out of them. Since we have not focused our energy on entering faculty publications, waiting to see if Discovery Experts from Elsevier will fill this need, or how the new Faculty Activity Report System on the Data 180 platform will perform.

The Platform and Technical Support

ScholarWorks continues to use the Digital Commons and SelectedWorks platforms from Berkeley Electronic Press or *bepress*. The Provost's office originally funded these, but they now come out of the library budget. Bepress staff provide all the training and technical support for the repository.

We had been receiving quarterly back-up files for ScholarWorks that the library IT have been saving on library drives. Bepress has gone to using the Amazon Web Service and copying our files into a S3 bucket set up by us. We had to get permission from OIT to use this. We are working out some technical difficulties around the AWS bucket.

Staffing and decision-making

As ScholarWorks librarian, Maira Bundza led the project (25% of her time in July-Sep 2016, about 40% Oct 2016-June 2017) and reports to Associate Dean Barbara Cockrell. Grace Roeder was the ScholarWorks graduate assistant, the College of Health and Human Services funded her for fall and spring semesters, and the library covered the two summer semesters. The Digitization Center in the library digitized material as needed for the repository.

The Local Digital Collections Committee discussed and prioritized new projects that required digitizing materials for ScholarWorks and other collections in the library. We worked with the Electronic Resources Librarian to set up OAI harvesting of ScholarWorks, which meant setting the "Exclude from OAI" field correctly, as many things should not be harvested. Many of those are getting a collection level record in Alma/Primo.

Units across campus are entering some materials themselves. This is happening for 11 of the 14 journals, the honors theses, Medieval Congress, the Medieval Institute Press, assessment materials, and a few other small series. The graduate assistant enters most of the materials with a few items added by the ScholarWorks Librarian.

ScholarWorks supports the vision and strategic plans of WMU, Academic Affairs, and University Libraries

WMU Vision:

- Learner centered – ScholarWorks provides a virtual space to showcase student work
- Discovery driven – ScholarWorks showcases WMU's research
- Globally engaged – ScholarWorks has a section on global engagement, which includes internationalizing the curriculum, spotlights on faculty doing international research and the WMU International Newsletter. Our open access materials are accessed from around the world.

WMU Strategic Plan – The Gold Standard 2020:

Academic Excellence. Goal #2: Promote innovative learning, discovery, and service.

- Objective 2.6: Faculty research, scholarship, and creative activities enhance innovative teaching and discovery.

- Strategy a. **Develop efficient mechanisms to gather and distribute faculty, staff, and student scholarship and discovery data.**

Discovery and Collaboration. Goal #3: Progress as a Carnegie-classified higher research doctoral university that advances new knowledge and value-added discovery.

- Objective 3.2: WMU's strengths in research and engaged scholarship create mutually beneficial partnerships that impact significant scientific, economic, and social problems.
- Strategy e. **Expand mechanisms for the dissemination of research and scholarship to stakeholders and the community at large.**

Academic Affairs Strategic Plan 2010 gave the impetus for creating the repository.

Academic Affairs Strategic Plan 2016-2021 – Invest in Gold

Goal 3: Outstanding Research and Creative Works

- Objective 3.1: Providing sufficient resources for faculty in pursuit of research and creative endeavors strengthens WMU's level of scholarly productivity and increases external funding.
 - Strategy 3.1.b: Institute financial, policy, and educational support mechanisms to encourage open access publications, where appropriate.
 - Strategy 3.1.c: Investigate and adopt web-based software to enable the institution to recognize, publicize, and reward faculty/staff scholarly works and creative accomplishments.
 - Strategy 3.1.e: Prioritize funding to improve discovery infrastructure and data management.

Libraries Strategic Plan 2017-2020:

Below are objectives for ScholarWorks in the upcoming years. Some are already being done to some extent, while others need to be developed.

Goal 4: Create innovative library programming responsive to University needs

- Objective 4.A: Build upon our strengths to empower faculty, students, and staff to realize their research and teaching goals
 - Strategy 2: Develop strategic partnerships around shared initiatives
 - Strategy 3: Connect programs and initiatives with relevant collections, individuals, and services
 - Strategy 4: Curate events and exhibits that showcase existing strengths within the Libraries and the University
- Objective 4.B: Develop programming to support faculty and students understanding of current and evolving models of scholarly communications
 - Strategy 1: Develop resources to support faculty understanding of open education resources and create tools to assist faculty in finding and evaluating these resources for classroom use
 - Strategy 2: Develop programming that educates the community about copyright, author rights, open access, and other issues related to scholarly publishing
 - Strategy 3: Maximize features of the Institutional Repository to enhance the university's reach