

University of Arkansas, Fayetteville

ScholarWorks@UARK

Institutional Digital Repository Annual Progress
Report

Libraries

1-2019

The University of Arkansas Institutional Digital Repository annual progress report, January 2019

University of Arkansas, Fayetteville. Libraries

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ScholarWorks@UARK
The University of Arkansas Institutional Digital Repository
Progress Report for 1 July through 31 December 2018
 Submitted 8 January 2019

Executive Summary

ScholarWorks@UARK advances the University of Arkansas's land-grant mission by making the research, scholarship, and creative activity of the Fayetteville campus community available without charge to web visitors everywhere. The repository also partners with non-profit and state-affiliated organizations to make their publications more discoverable and accessible. The repository is managed by the Office of Scholarly Communications (OSC) and jointly sponsored by the University Libraries and the Office of Research and Innovation. This report covers developments from 1 July through 31 December 2018 in the following areas:

- holdings and usage statistics
- diversity of web visitors
- new collections and serials
- promotion and publicity
- process improvements

Holdings and Usage Statistics

During this six-month period, ScholarWorks saw a significant gain in usage: 261,950 downloads and 40,974 hits, compared with 239,495 downloads and 34,208 hits for 1 January through 30 June 2018. In other words, total usage jumped nearly 11%. Figure A, usage by month, illustrates a general rising trend. Figure B shows life-to-date usage and items contributed to ScholarWorks by college. In December 2018, Arts and Sciences took first place in life-to-date usage (202,562 downloads), followed by Engineering (198,698 downloads). For deposits, Arts and Sciences again took first place with 1417 contributions; Engineering again took second place with 1229 contributions.

Figure C shows life-to-date downloads and deposits of graduate theses and dissertations by college. Arts and Sciences leads with 130,719 downloads and 1181 theses/dissertations. Figure D shows life-to-date downloads and deposits for undergraduate honors theses by college. Here Engineering dominates with 123,529 downloads and 557 theses.

Diversity of Web Users

The world map (Figure E) illustrates the geographic distribution of the repository's users between 1 July and 31 December 2018. Users came to our website from 211 countries. Not surprisingly, the majority were located in the US and the rest of the Anglophone world. Please see the live map on the [ScholarWorks@UARK](#) home page. The pie chart (Figure F), covering the same time period, shows the users' institutional affiliations (i.e., educational, commercial, government). Users represented 14,586 institutions; 28% of these were educational; 62% were commercial; and 6% were government.

New Collections and Serials

The repository's featured collections include a patents directory, undergraduate theses, graduate theses and dissertations, the publications of research centers and institutes, and journals and other serials. See the list of featured collections on pages 4-5.

Since 1 July 2018, in collaboration with Lutishoor Salisbury, Head, Chemistry and Biochemistry Library; and Jeremy Smith, Chemistry and Biochemistry Library Supervisor, Scholarly Communications staff added grant/award information to the records for patents resulting from externally funded research.

New collections include the [Research Series](#), published by the Arkansas Agricultural Experiment Station; student autobiographical podcasts created by the [Center for Multicultural & Diversity Education](#); and [Open Education Resources](#) produced through the OER Course Materials Conversion Program. We also initiated a collection of publications resulting from research funded by the National Science Foundation at the University of Arkansas. Using his programming skills, Paul Forness collected the data, built a database, refined the Outlook email program to generate messages to principal investigators, and created a tool for producing spreadsheets for uploading data to the repository. So far, we've added hyperlinks to 21 publications.

Meanwhile, in an effort to acquire graduate theses and dissertations pre-dating the repository, Cedar Middleton and Khandi Gordon approached 452 alumni from Walton College and the College of Education and Health Professions. To date, 56 alumni granted permission to post their work.

Promotion and Publicity

In collaboration with the University Libraries' faculty and staff, we promote ScholarWorks and encourage all members of the campus community both to use the collections and to deposit their own work. Outreach over the past six months included the following:

Exhibits/Displays at Campus Events

- Display table at the Honors College Research Conference, October 2018
- Display table at the New Faculty Orientation and the joint New Graduate Student and International Student Orientation, August 2018

NewsWire Articles

- [Announcement about a new issue of *Discovery*](#), September 2018

Presentations

- "Sharing the Institutional Repository," presentation given by Ms. Middleton at the Arkansas Library Paraprofessionals Division of the Arkansas Library Association, September 2018

Process Improvements

The success of ScholarWorks requires continual updates to systems and procedures to ensure cost-effective, efficient, and user-friendly operations. It also requires continual monitoring to ensure that systems and procedures align with the profession's best practices, U of A policies, and all applicable laws. In September, Melody Herr created the "Checklist for Undergraduate Honors Thesis Citations," a rubric to help students and their mentors ensure that the citations are correct and complete. Jennie Popp, Associate Dean of the Honors College, shared it with the Honors Directors in each college; we also posted it in the ScholarWorks@UARK User Guides. For the first time, during the last week of classes, we held open-door office hours (a total of 14 hours spread over four days) when undergraduate students could drop in for assistance with submitting their theses. Dennis Stephenson, Learning Commons Night Supervisor, volunteered to assist students during the evenings.

Also this fall, in order to ensure that we honor a student's request to embargo a graduate thesis or dissertation, we developed a protocol for consistently circulating such requests among ProQuest, the Graduate School, and the Office of Scholarly Communications.

Most importantly, during the past semester, we began working to improve the accessibility of web materials for individuals with disabilities. All Scholarly Communications personnel learned about accessibility standards and their implementation through a webinar sponsored by the National Network of Libraries of Medicine and an in-person training session led by Kelly Bostick, Assistant Director of

Training and Support, University Relations. During the first stage of this ongoing effort, Ms. Gordon upgraded the three Scholarly Communications research guides. She also assessed the accessibility of existing repository content. Currently, we are adding captions to videos. In 2019, we intend to initiate conversations with Honors College and Graduate School leaders about ways to ensure that all student work in the repository adheres to accessibility standards. In the meantime, we added to the ScholarWorks@UARK User Guides [instructions for making documents more accessible](#).

Acknowledgments

The achievements outlined in this report would not be possible without the goodwill and active engagement of faculty, staff, students, and administrative assistants across the entire university. Here, the Office of Scholarly Communications acknowledges the groups and individuals who have contributed substantially over the past six months. The list, of course, is not definitive.

Chemistry and Biochemistry Library

Lutishoor Salisbury, Head; Jeremy Smith, Supervisor

Circulation, University Libraries

Dennis Stephenson, Learning Commons Night Supervisor

Digital Services Unit, University Libraries

Martha Anderson, Head; DSU staff

Public Relations, University Libraries

Kelsey Lovewell, Public Relations Coordinator

Technical Services, University Libraries

Deb Kulczak, Head; Rachel Paul, Cataloging Librarian

Web Services, University Libraries

Beth Juhl, Web Services Librarian; Dylan Hurd, Web Developer

Young Law Library

Randy Thompson, Director; Dominick Grillo, Electronic Services Librarian

Communication Services, Bumpers College

Gail Halleck, Project/Program Specialist; Mike Gutierrez, Digital Media Specialist

Honors College

Jennie Popp, Associate Dean; Honors College staff

Graduate School and International Education

Julie Rogers, Registration; Amy Smith, Graduation Specialist

We look forward to working with the U of A community and advancing ScholarWorks in 2019.

Melody Herr, Head, Office of Scholarly Communications

Cedar Middleton, Institutional Repository Coordinator

Paul Forness, Institutional Repository Assistant

Khandi Gordon, Institutional Repository Assistant

ScholarWorks@UARK
Featured Collections

Faculty and Student Work

[Patents](#) – patents granted to faculty, researchers, and staff from 1976 through the present (339 items); created and maintained by Lutishoor Salisbury, Head, Chemistry and Biochemistry Library

[Undergraduate Honors Theses](#) – 2005-2018, for departments which require deposit (1181 items); this collection also includes a few older theses which former students gave us permission to post

[Graduate Theses and Dissertations](#) – 2009-2018, for departments which require deposit (2979 items); this collection also includes a few older theses and dissertations which former students gave us permission to post

Publications of Centers and Institutes

[Arkansas Water Resources Center](#)

[Technical Reports](#) – 307 reports, dating from 1973 through the present

[Department of Education Reform](#)

[Working Papers](#) – 67 papers, dating from 2010 through the present

[Diane D. Blair Center of Southern Politics and Society](#)

[Reports](#) – 15 reports, dating from 2010 to 2017

[Office for Education Policy](#)

[Briefs](#) – 144 briefs, dating from 2004 through the present

[Center for Multicultural & Diversity Education](#)

[Multicultural & Diversity Student Works](#) – 1 podcast to date, more to come

[Arkansas Agricultural Experiment Station](#)

[Research Series](#) – 80 reports, dating from 2009 through the present

[Open Education Resources](#) (created through the OER Course Materials Conversion Program)

1 textbook

Serials

[Annual of the Arkansas Natural Resources Law Institute](#) —1962 through 2016 (111 articles) This series is incomplete; we are working to obtain permission to post older articles.

[Arkansas Law Review](#) – 2016 through the present (53 articles)

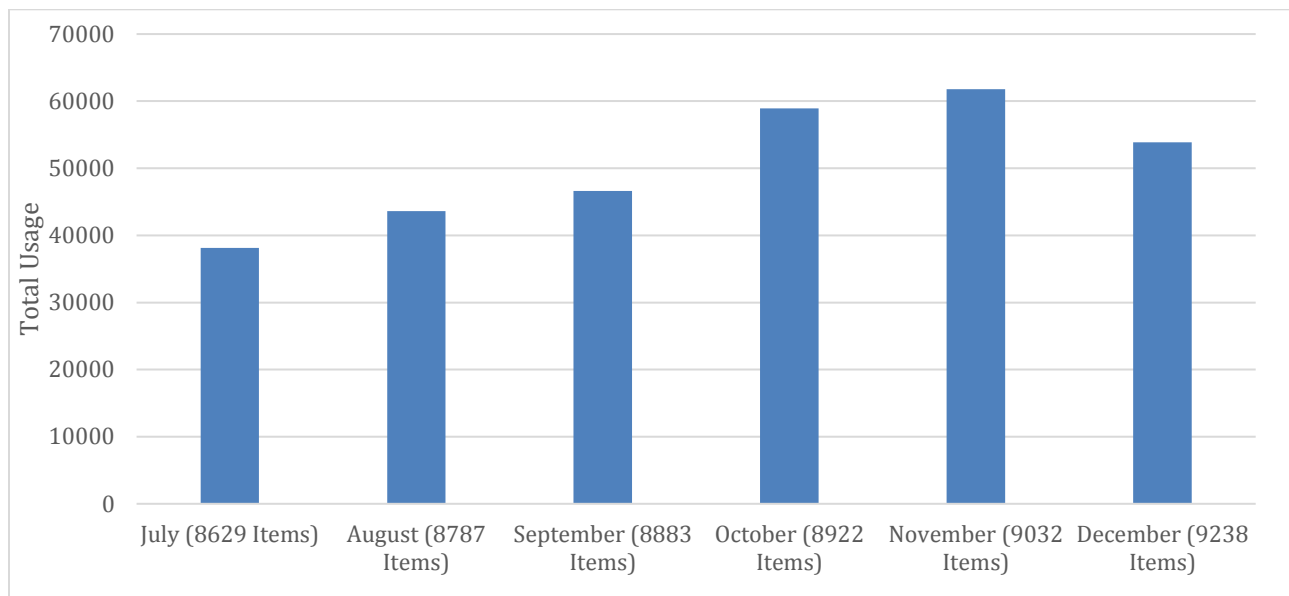
[Discovery: The Student Journal of the Dale Bumpers College of Agriculture](#) – 2000 through the present (298 articles)

[Inquiry: The University of Arkansas Undergraduate Research Journal](#) – 2000 through the present (276 articles)

[Journal of the Arkansas Academy of Science](#) – 1941 through the present (2261 articles)

[Journal of Food Law & Policy](#) – 2017 (46 articles)

Figure A
ScholarWorks@UARK Total Usage of All Holdings by Month
 1 July through 31 December 2018



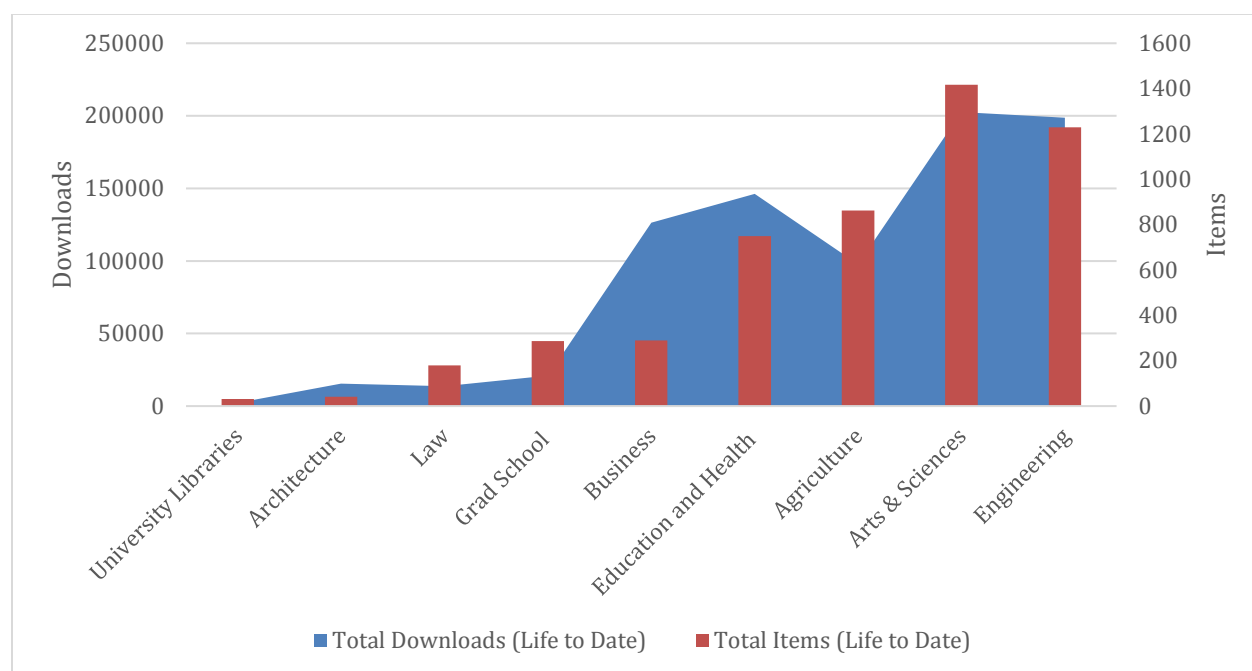
	Downloads (Full Text)	Hits (Metadata)	Total Usage
July (8629 Items)	32490	5656	38146
August (8787 Items)	37368	6233	43601
September (8883 Items)	39740	6896	46636
October (8922 Items)	51104	7797	58901
November (9032 Items)	53760	8032	61792
December (9238 Items)	47488	6360	53848

Total Usage – downloads plus hits

Download – web visitor downloaded the file

Hit – web visitor viewed the description of the item but did not download the file

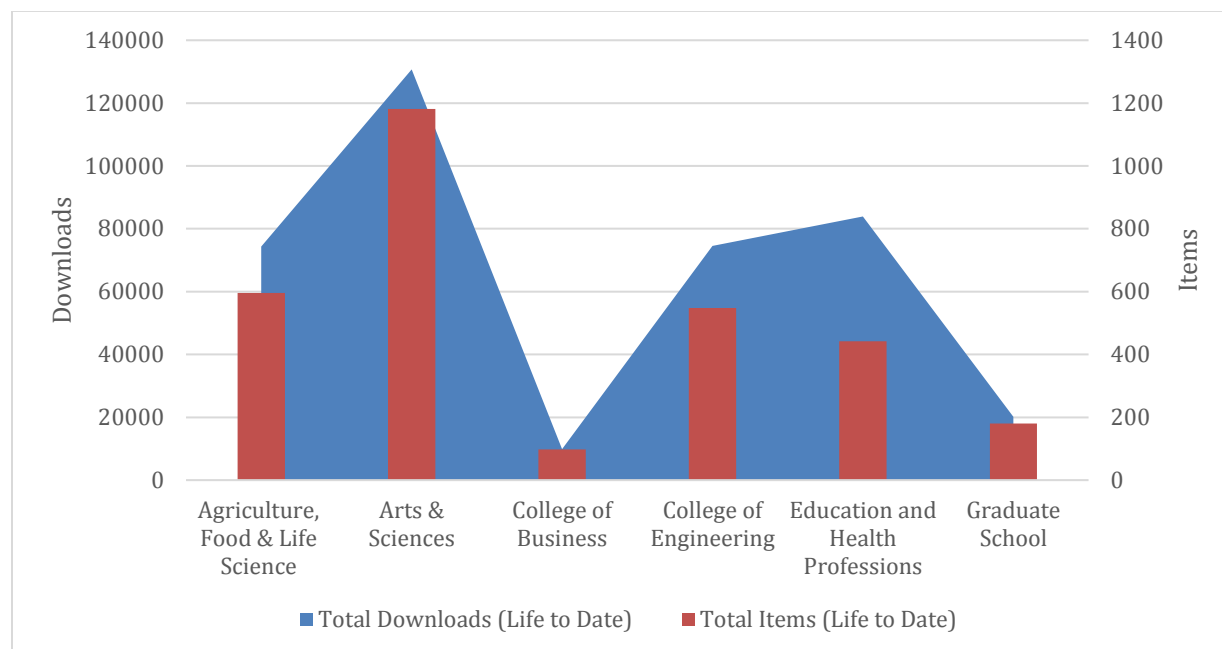
Figure B
ScholarWorks@UARK Holdings and Downloads by College/Department
 Life-to-date as of 31 December 2018



	Total Downloads (Life to Date)	Total Items (Life to Date)
University Libraries	2135	31
Architecture	15493	41
Law	13672	179
Grad School	20972	286
Business	126373	290
Education and Health	146194	749
Agriculture	97786	863
Arts & Sciences	202562	1417
Engineering	198698	1229

Download – web visitor downloaded the file

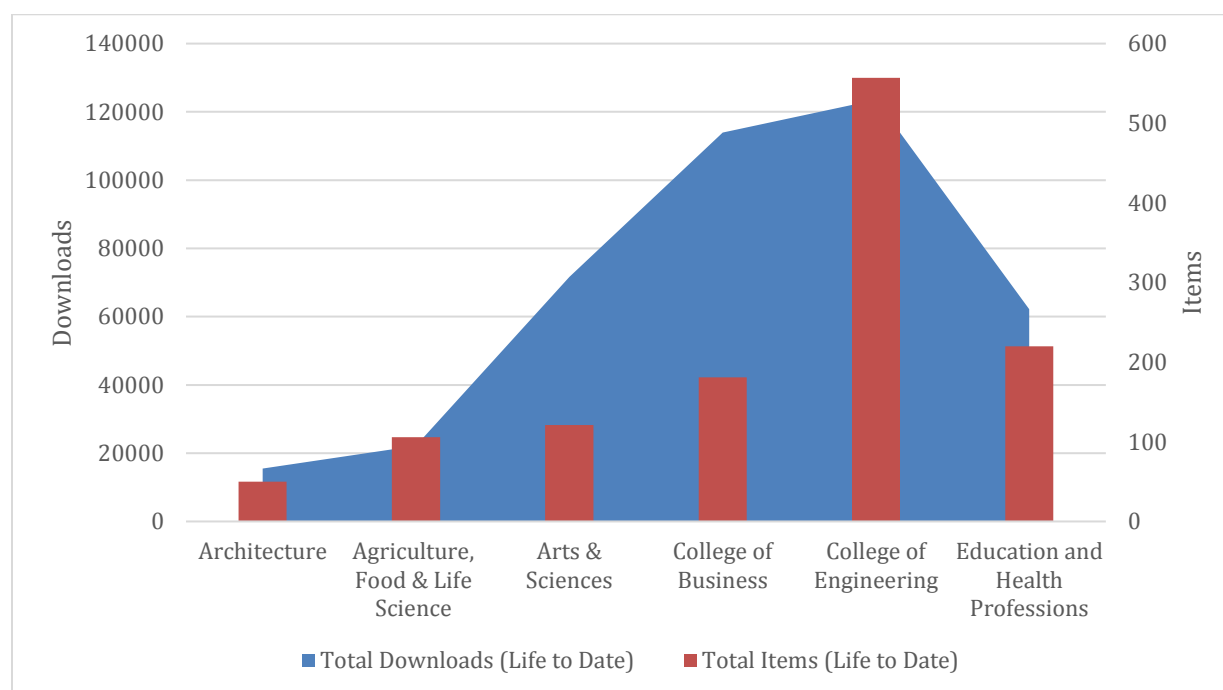
Figure C
Graduate Theses/Dissertations by College
 Life-to-Date Holdings and Downloads as of 31 December 2018



	Total Downloads (Life to Date)	Total Items (Life to Date)
Agriculture, Food & Life Science	74343	596
Arts & Sciences	130719	1181
College of Business	9833	98
College of Engineering	74497	548
Education and Health Professions	83941	442
Graduate School	20198	180

Download – web visitor downloaded the file

Figure D
Undergraduate Honors Theses by College
 Life-to-Date Holdings and Downloads as of 31 December 2018



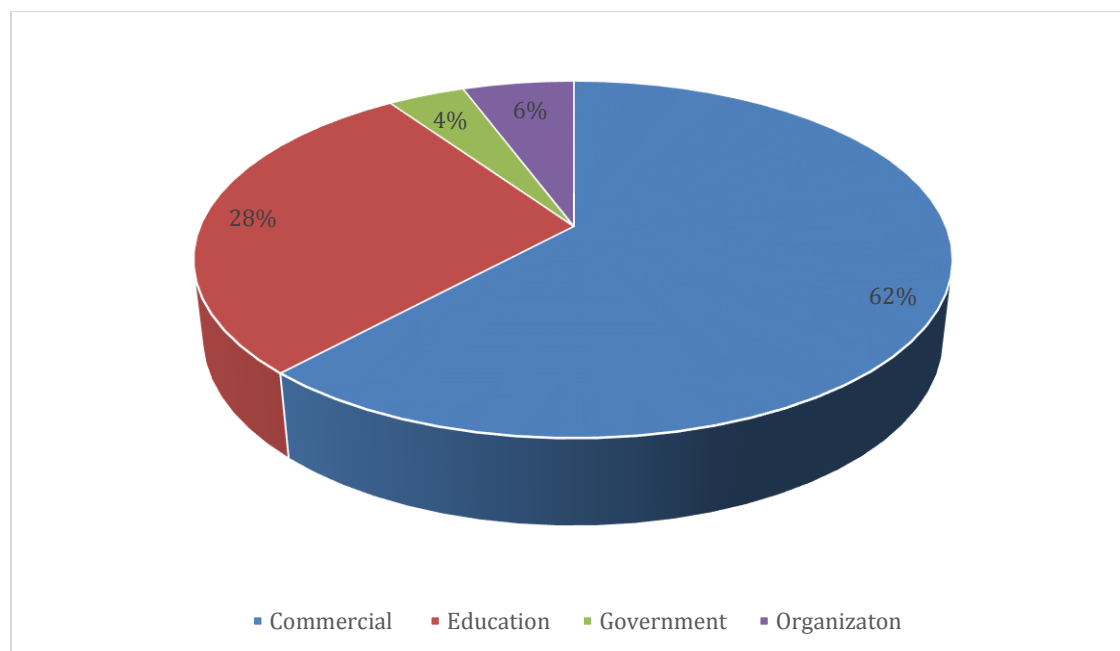
	Total Downloads (Life to Date)	Total Items (Life to Date)
Architecture	15523	50
Agriculture, Food & Life Science	22196	106
Arts & Sciences	71651	121
College of Business	113975	181
College of Engineering	123529	557
Education and Health Professions	62193	220

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Figure E
ScholarWorks@UARK Readership: Geographic Distribution
 1 July through 31 December 2018



Figure F
ScholarWorks@UARK Readership: Institutional Affiliation
1 July through 31 December 2018



Institutions represented: 14,586

Institutional Affiliation	Number
Commercial	9021
Education	4168
Government	572
Organizaton	825
Total	14586