

University of Arkansas, Fayetteville

ScholarWorks@UARK

Institutional Digital Repository Annual Progress
Report

Libraries

7-2018

The University of Arkansas Institutional Digital Repository annual progress report, July 2018

University of Arkansas, Fayetteville. Libraries

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ScholarWorks@UARK
The University of Arkansas Institutional Digital Repository
Progress Report
Submitted 12 July 2018

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. In addition to providing informative and culturally-enriching resources, the repository 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 January through 30 June 2018 in the following areas:

- diversity of web visitors
- new collections and serials
- promotion and publicity
- process improvements
- staff development

In addition, this report includes holdings and usage statistics for FY 2018 (1 July 2017-30 June 2018).

Diversity of Web Users

The world map (Figure A) illustrates the geographic distribution of the repository's users between 1 January and 30 June 2018. Users came to our website from 209 countries. Not surprisingly, the majority were located in the US and the rest of the Anglophone world; but it is gratifying to see the relatively large numbers from Eastern Europe and sub-Saharan Africa. Please see the live map on the [ScholarWorks@UARK](#) home page. The pie chart (Figure B), also covering 1 January through 30 June 2018, shows the users' institutional affiliations (i.e., educational, commercial, government). Users represented 13,915 institutions; 60% of these were educational; 29% were commercial; and 5% 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 page 5. Since 1 January 2018, we added two serials:

- [Arkansas Law Review](#) Run by students at the U of A School of Law, the *Review* publishes articles on significant state, national, and international legal issues. The repository currently hosts the 2016 and 2017 issues.
- [Journal of Food Law & Policy](#) This journal, which is also run by U of A law students, focuses on the legal aspects of food labeling, food safety, farm animal welfare, agriculture's environmental effects, the regulation of biotechnology, and other pressing topics. The Fall 2017 issue is now available in the repository.

The *Newswire* announced the addition of these two journals in "[Two School of Law Publications Now Available](#)" (22 February 2018).

The [Diane D. Blair Center of Southern Politics and Society](#) began posting publications in the repository in January with an initial contribution of fifteen (15) Blair Center Poll reports, dating from 2010 to 2017.

We also began preliminary work to collect publications resulting from federally funded research at the U of A. This collection will enable anyone – but particularly deans, vice provosts, and other top-level administrators – to go to ScholarWorks, run a search for a particular granting agency, and immediately retrieve the links to the publications. We are starting with National Science Foundation (NSF) awards since 2010, but eventually we aim to gather publications resulting from all the federal agency awards since 2000. For this project, we are collaborating with Jennifer Taylor, Assistant Vice Provost for Research, and other colleagues in the Office of Research and Innovation.

Holdings and Usage Statistics for FY 2018

In FY 2018, ScholarWorks saw a significant gain in usage: 430,299 downloads and 60,438 hits, compared with 176,627 downloads and 26,341 hits in FY 2017. In other words, total usage jumped more than 240% in FY 2018. Figure C, usage by month, illustrates a general trend of increasing use from the beginning to the end of the semesters (both fall and spring), followed by predictable declines in December and over the summer. Figure D shows life-to-date usage and items contributed to ScholarWorks by college. In FY 2018, the College of Engineering took first place in life-to-date usage (148,245 downloads), followed closely by the Fulbright College of Arts and Sciences (147,540 downloads). For deposits, the two colleges reversed places: Arts and Sciences has made 1337 contributions compared to Engineering's 1156 contributions.

Figure E shows life-to-date downloads and deposits of graduate theses and dissertations by college. The College of Education and Health Professions leads in both categories: 90,389 downloads and 1114 graduate theses and dissertations. Figure F shows life-to-date downloads and deposits for undergraduate honors theses by college. Here, Engineering dominates both categories: 95,723 downloads and 547 theses.

Finally, it is noteworthy that during FY 2018, the number of individual profiles in [SelectedWorks](#) more than doubled (from 31 to 68) while the total number of items posted in all profiles tripled (from 179 to 571).

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. In April, we participated in Circulate, the reception for the Campaign Arkansas Steering Committee, sponsored by the Libraries. For that event, we created a display, including posters and a continuously-running slide presentation; and we demonstrated how to search ScholarWorks. Also in April, we released the new [OSC website](#). Cedar Middleton, Institutional Repository Coordinator, took the lead in coordinating the efforts of Dylan Hurd, Web Developer; Beth Juhl, Web Services Librarian; and Leeanna Ta Thao, Graphic Designer, to redesign the website so as to increase traffic to the repository and provide information about our services. Khandi Gordon, Institutional Repository Assistant, also contributed to the redesign.

In August, we will host tables at the New Faculty Orientation and the joint New Graduate Student and International Student Orientation to promote the repository and other scholarly communications services.

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 response to questions about embargoes for theses and dissertations, Melody Herr, Head, OSC, developed a handout to help current students, recent graduates, and their faculty mentors choose an appropriate option (e.g., immediate open access, limited-time embargo). The Research Council and the Research Dean's Group approved this handout which now appears on the [ScholarWorks User's Guides website](#). For our part, record-keeping is essential so that, as an embargo's expiration date approaches, we can invite the former student to make his/her thesis or dissertation open access or, if necessary, to renew the embargo. To this end, Paul Forness, Institutional Repository Assistant, developed embargo-tracking software.

For our next project, we are working to ensure that the repository, our website, and our library guides comply with the Americans with Disabilities Act (ADA) regulations. The first phase of this project entails training the OSC staff and evaluating all our web materials. Then, in the second phase, we will consult with library faculty and staff as well as University Information Technology Services (UITs) about ways to enhance accessibility. In the meantime, we are making some easy but essential corrections, for example, adding captions to videos in the repository.

Professional Development

Through both formal training and self-education, we build new skills and acquire new knowledge in order to improve the services we deliver. The following list of our activities over the past six months demonstrates our commitment to professional development.

Melody Herr, Head, Office of Scholarly Communications

- Completed the online certificate courses "General Course on Intellectual Property, DL-101" and "Copyright and Related Rights, DL-201," sponsored by the World Intellectual Property Organization (WIPO)
- Attended the Texas Conference on Digital Libraries, the American Library Association (ALA) conference, and the WebFirst conference, sponsored by UITS
- Conducted the workshop "Crafting Your Book Proposal and Attracting a Publisher" at the University of Michigan, Dearborn; and the Organization of American Historians conference

Cedar Middleton, Institutional Repository Coordinator

- Completed the Supervisor Development Program, sponsored by University Human Resources
- Completed the webinar series "Introduction to R for Libraries, Parts 1-3," sponsored by the Association for Library Collections and Technical Services (ALCTS)
- Completed the "Dazzling Data Visualization" webinar series, sponsored by the National Network of Libraries of Medicine (NNLM)
- Attended the Open Repositories conference, sponsored by the Montana State University Libraries and other organizations
- Gave the presentation "Interdepartmental Collaboration on Electronic Theses and Dissertations" with Rachel Paul at the Digital Initiatives Symposium
- Gave the presentation "Electronic Theses and Dissertations Workflows" with Rachel Paul at the ALA

Paul Forness, Institutional Repository Assistant

- Attended the WebFirst conference, sponsored by UITS
- Independently developed coding skills and mastered the Excel software program

Khandi Gordon, Institutional Repository Assistant

- Completed the "Dazzling Data Visualization" webinar series, sponsored by the NNLM
- Attended the WebFirst conference, sponsored by UITS
- Independently learned the software program InDesign

We look forward to working with the U of A community to ensure the continuing success of ScholarWorks in FY 2019.

Melody Herr
Cedar Middleton
Paul Forness
Khandi Gordon

Featured Collections

Faculty and Student Work

[Patents](#) – patents granted to faculty, researchers, and staff from 1976 through the present (330 items); created and maintained by Lutishoor Salisbury, Head, Chemistry and Biochemistry Library

[Undergraduate Honors Theses](#) – 2005-2018, for departments which require deposit (1162 items); this collection also includes a few older theses which the former students gave us permission to post

[Graduate Theses and Dissertations](#) – 2009-2018, for departments which require deposit (2829 items); this collection also includes a few older theses and dissertations which the former students gave us permission to post

Publications of Centers and Institutes

[Arkansas Water Resources Center](#)

[Technical Reports](#) – 266 reports, dating from 1973 through the present

[Department of Education Reform](#)

[Working Papers](#) – 64 working papers, dating from 2010 to the present (links to papers posted on SSRN)

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

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

[Office for Education Policy](#)

[Briefs](#) – 140 briefs, dating from 2004 through the present

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 (40 articles)

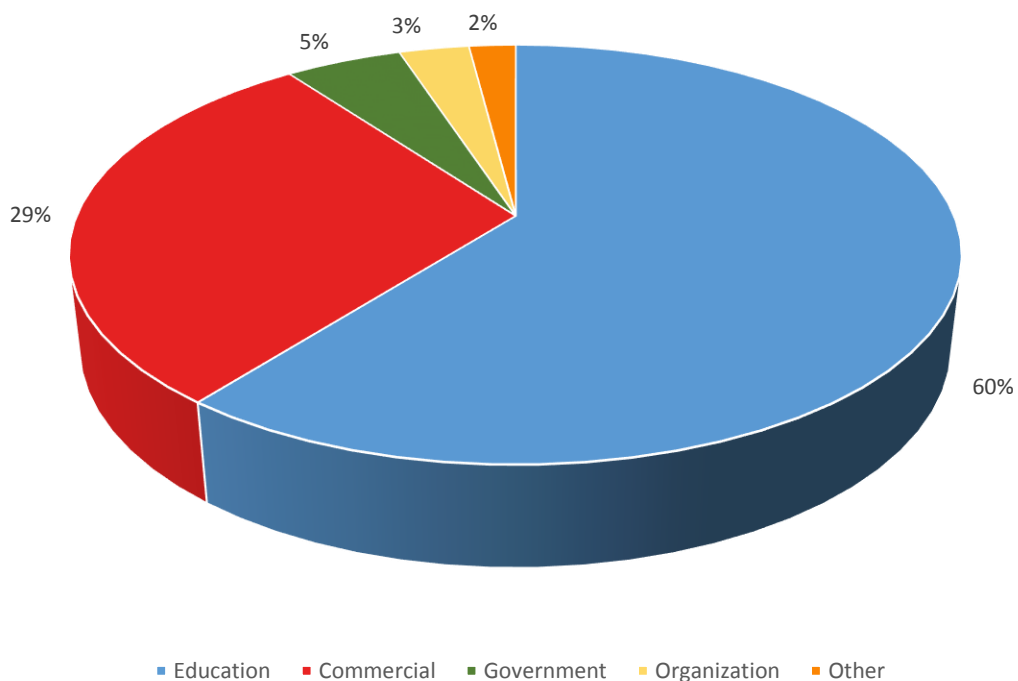
[Discovery: The Student Journal of the Dale Bumpers College of Agriculture](#) – 2000 to the present (283 articles)

[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 (32 articles)

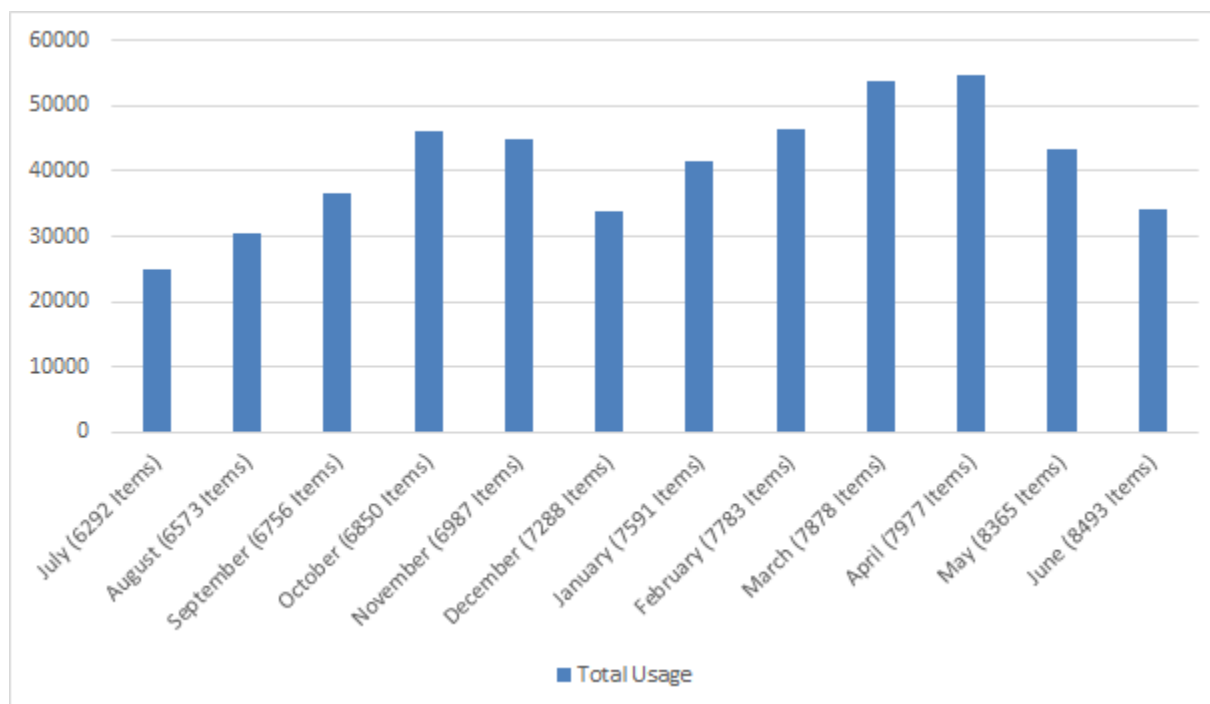
Figure B
ScholarWorks@UARK Readership: Institutional Affiliation
1 January 2018 through 30 June 2018



Institutions represented: 13,915

NOTE: Because we rounded each percentage to the nearest whole number, the sum does not equal 100.

Figure C
ScholarWorks@UARK Total Usage of All Holdings by Month
 1 July 2017 through 30 June 2018



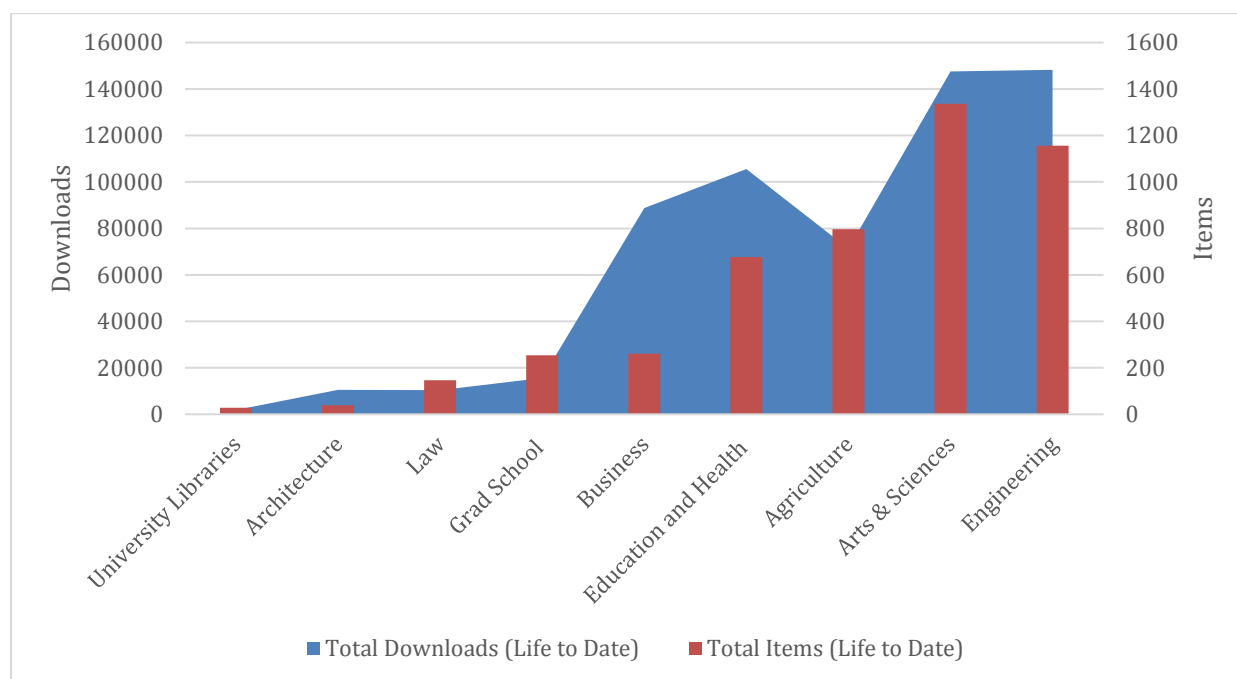
Month	Downloads (Full Text)	Hits (Metadata)	Total Usage
July (6292 Items)	21584	3478	25062
August (6573 Items)	27291	3152	30443
September (6756 Items)	32646	4060	36706
October (6850 Items)	40595	5474	46069
November (6987 Items)	38957	5952	44909
December (7288 Items)	29731	4114	33845
January (7591 Items)	36212	5286	41498
February (7783 Items)	40717	5673	46390
March (7878 Items)	47944	5907	53851
April (7977 Items)	48057	6659	54716
May (8365 Items)	37356	5896	43252
June (8493 Items)	29209	4787	33996

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

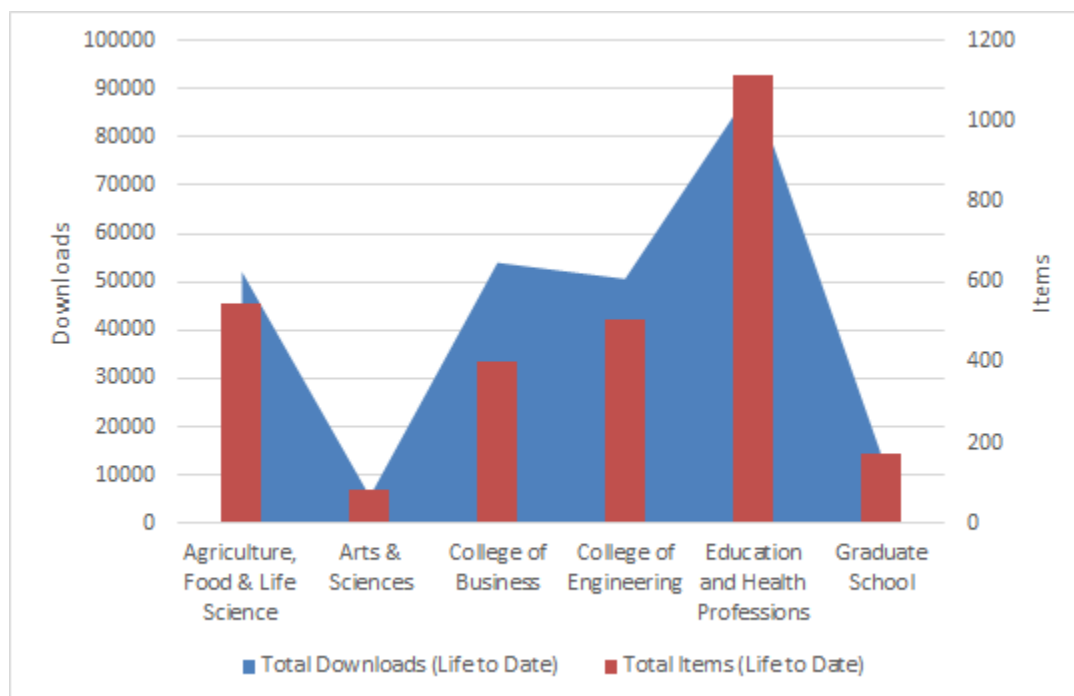
Figure D
ScholarWorks@UARK Holdings and Downloads by College/Department
 Life-to-date as of 30 June 2018



College/Department	Total Downloads (Life to Date)	Total Items (Life to Date)
University Libraries	1861	28
Architecture	10582	39
Law	10344	147
Graduate School	15583	254
College of Business	88781	261
Education and Health Professions	105563	677
Agriculture	71206	796
Arts & Sciences	147540	1337
College of Engineering	148245	1156

Download – web visitor downloaded the file

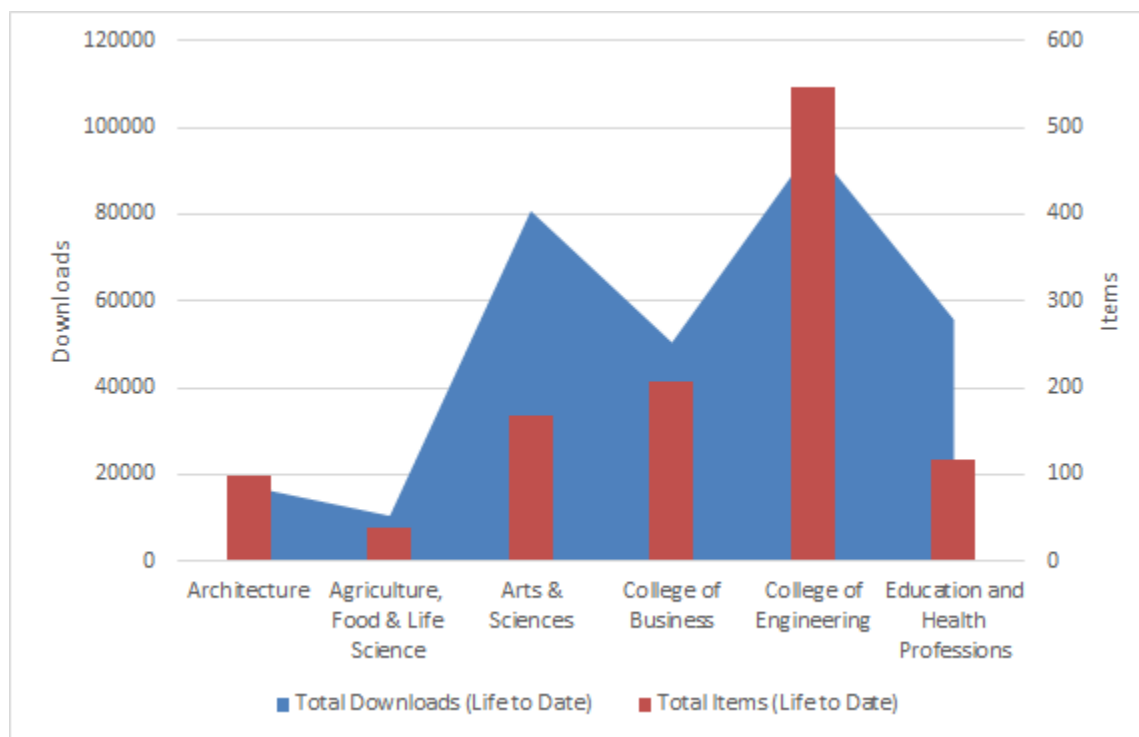
Figure E
Graduate Theses/Dissertations by College
 Life-to-Date Holdings and Downloads as of 30 June 2018



College	Total Downloads (Life to Date)	Total Items (Life to Date)
Agriculture, Food & Life Science	52098	547
Arts & Sciences	5590	82
College of Business	54028	400
College of Engineering	50642	506
Education and Health Professions	90389	1114
Graduate School	14756	173

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Figure F
Undergraduate Honors Theses by College
 Life-to-Date Holdings and Downloads as of 30 June 2018



College	Total Downloads (Life to Date)	Total Items (Life to Date)
Architecture	17329	98
Agriculture, Food & Life Science	10507	39
Arts & Sciences	80768	169
College of Business	50469	208
College of Engineering	95723	547
Education and Health Professions	55708	116

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