The Libraries’ current storage facility (LISA) is nearing capacity, and a new high-density library storage facility is the solution to a few problems. The decline in user demand for print materials and increased demand for study and collaboration space give the opportunity to free up space and resources in the heart of campus.

High-density storage facilities can be built and operated for about a quarter of the cost of conventional library space. Their modular plan means additional storage can be added at a lower cost when needed. The library storage facility’s carefully controlled environment will extend the life of collections up to seven times, ensuring their availability to future generations of students and scholars.

The new library storage facility is off Hill Avenue south of Martin Luther King Boulevard and will house a preservation and conservation area, a digitization and work space area for staff, a maps and microforms storage area, and one large climate-controlled storage space where books and other materials will be housed. The 27,000-foot storage facility will hold approximately 1.8 million volumes when filled to capacity. Staff will deliver materials to campus four times a day during the work week and twice on Sundays.

The storage facility utilizes cross-laminated timber (CLT), a sustainable and environmentally friendly alternative to concrete, masonry and steel construction. Providing higher fire resistance and higher building hardening rating on the Fujita tornado scale, CLT panels are lighter, thinner, and more stable than steel and concrete construction, allowing for less massive foundations, structural supports, and roof, which makes the building more cost effective. They also offer sound insulation, long-term structural integrity and durability (and are even rated against earthquakes), warm more quickly and hold warmth longer than concrete and steel. In keeping with the green construction method of the CLT panels, the exterior of the storage facility will be fire-hardened wood siding over a base of gabion baskets filled with native stone. The CLT panel construction is a first for the region, and the construction process is expected to draw architects, builders, and educators to witness first-hand the use of CLT panel design.

Mullins Library was last expanded in 1997, when the student population was around 15,000. The student population in fall 2016 was 27,000 and is projected to rise, resulting in higher demand for study space, collaborative space, and creative work space for students and faculty. The mechanical systems in the original Mullins Library (western side), which was opened in 1968, are inefficient and in need of modernizing. However, asbestos remediation must occur before systems can be replaced or updated. As a precaution, entire areas will be sealed off during remediation to minimize contamination risks. The renovation of Mullins Library is projected to begin in spring 2019 and to be completed in spring 2020.
EXPLORE NATIVE AMERICAN STORIES

The Libraries hosted a program titled “Explore Native American Storytelling through Arts, Literature, and Culture,” featuring rotating exhibits and guest speakers throughout the academic year.


Exhibits included: “Cultivated Narratives: Native American Artifacts and the Stories They Perpetuate,” which featured selected objects used for Native storytelling from the University of Arkansas Museum Collections, including game equipment, arrows, bottles, shells, and a rattle.

“Images That Endure: The Craft of Arkansas Indigenous Storytelling” included artifacts and visuals associated with Native American storytelling in Arkansas, including ceramic vessels, photos, drawings, carved figures, musical instruments, and pipes. Items were curated from the University of Arkansas Museum Collections, Caddo Heritage Museum, Northwestern State University of Louisiana, and Kricket Rhoads Conneymery.

The Libraries added or expanded the following specialized research resources in 2016-2017:

- **Social Explorer** is an online research tool that provides access to current and historical census data and demographic information. This includes US census history from 1790 to 2010, the American Community Survey (ACS) from 2005 to 2012, the Religious Congregations and Membership Study (RCMS) from 1980 to 2010, InfoGroup data on religious congregations in the US for 2009 and 2010, and carbon emissions data for 2002 from the Vulcan Project.

- **British Library Newspapers Part 1: 1800-1900** offers full runs of 48 newspapers specially selected by the British Library to best represent nineteenth century Britain. This collection includes national and regional newspapers, as well as those from both established country or university towns and the new industrial powerhouses of the manufacturing Midlands, as well as Scotland, Ireland, and Wales.

- **Academic Complete on Ebook Central** offers nearly 150,000 titles from leading publishers, covering all subject areas.

- **ProQuest Ebook Central**

- **Alexander Street expanded VAST streaming media service to Academic Video Online**, the most comprehensive video subscription available to libraries. It delivers more than 62,000 video titles spanning the widest range of subject areas including anthropology, business, counseling, film, health, history, music, and more.
- **North American Indian Thought and Culture** is the largest compilation of biographical information on indigenous peoples from all areas of North America. It covers publications from 1784-2006 and includes biographies, auto-biographies, personal narratives, speeches, diaries, letters, and oral histories.

- **Cambridge Companions Online** offers the full text of more than 600 reference works in literature, classical studies, philosophy, religion, and music.

- **Dictionary of Literary Biography Complete Online** (DLB) provides more than 16,000 biographical and critical essays on the lives, works, and careers of the world’s major literary figures from all eras and genres.
Bringing your Wiring up to Date

Extension Circular No. 213
June, 1927
Weeds and Grasses of Arkansas Rice Fields
by A. H. PRINCE

FORWARD PROSS
EXTENSION SERVICE
College of Agriculture, University of Arkansas
U. S. Department of Agriculture Co-operating

Published and distributed in furtherance of Acts of May 8 and June 30, 1914, providing for Cooperative Extension Work in Agriculture and Home Economics, and of May 12, 1924, providing for Extension Work in Home Economics.

EXTENSION SERVICE
COLLEGE OF AGRICULTURE OF ARKANSAS
U. S. DEPARTMENT OF AGRICULTURE, COOPERATING
An award from Project CERES provided funding for the Libraries’ latest digital collection, the *Arkansas Extension Circulars*. At more than 34,000 pages of content, the collection is largest digitized to date.

The Arkansas Agricultural Extension Service began publishing the *Arkansas Extension Circulars* in the 1880s. These popular publications covered myriad agriculture and home related topics: sewing, gardening, and caring for livestock among them. Now, users worldwide can access these guides online.

The *Circulars* are the first in a three-part digitization series. The Libraries’ Digital Services Unit has now also digitized the *Arkansas Agricultural Experiment Station Bulletin*. Rather than serving as how-to guides as the *Circulars* do, the *Bulletin* shows the results of research experiments in agriculture. For example, the best practices for peanut cultivation—a crop of critical importance during the World Wars—or the results of interplanting cowpeas with corn can be found in the *Bulletin*. The digitization of the *Bulletin* is also funded by an award from Project CERES.

The Libraries’ third Project CERES award will fund the digitization of *Arkansas Extension Miscellaneous Publications*, the final collection of the Arkansas Extension series. These miscellaneous publications include documents such as insect identification guides, surveys of house plans considered appropriate for Arkansas, and documents related to social services, nutrition, gardening, and animal care.

Once digitization is complete, each collection will be provided to the Center for Research Libraries, an international consortium of libraries, which sponsors a digital library of unique and rare materials.
SPECIAL COLLECTIONS

REVEAL DIGITAL INDEPENDENT VOICES

Special Collections digitized 149 issues from four titles for contribution to REVEAL’s Independent Voices project. The titles came from both the Fayetteville Women’s Library Feminist and LGBT Publications Collection (MC 2022) and from holdings in the Arkansas Collection.

WORLD-WIDE RESEARCH

Special Collections assisted 2,058 researchers, including patrons in 18 countries: Argentina, Australia, Austria, Brazil, Canada, China, Czech Republic, Egypt, England, Germany, Greece, Iceland, Ireland, Italy, Jamaica, Norway, Singapore, and Turkey.

MEN POPULAR MANUSCRIPT COLLECTIONS

The most heavily used collections were:
1) Bureau of Educational and Cultural Affairs Papers (MC468)
2) Florence Price Papers Addendum (MC988a)
3) Florence Price Papers (MC988)
4) Senator Joseph T. Robinson Papers (MS R563)
5) Diane Blair Papers (MC1632)
6) J. William Fulbright Papers (MS F956 144)
7) E. Fay Jones Papers (MC340)
8) Council of Interchange Exchange of Scholars (CIES) Papers (MC703)
9) Orval Faubus Papers (MS F27 301)
10) Washington County Historical Society Papers (MC1368)

ARCHIVES MONTH

Jeannie Whayne, Cherisse Jones Branch, and Denna Clymer, Archives Month lectures celebrating the opening of the Arkansas Extension Circulars Digital Collection, October 13.

Professor Jeannie Whayne, University Professor of history, describes her research using the Arkansas Extension Circulars at Archives Month 2016.
GIS DAY OPEN HOUSE

GIS Day Open House, November 16, featured Jason Tullis, associate professor in geosciences and member of the Center for Advanced Spatial Technologies, and students from the Geospatial Unmanned Aircraft Systems class giving an overview of Geospatial Unmanned Aircraft Systems featuring a static demonstration of a UAS vehicle, and Winifred E. Newman, head of the Department of Architecture, who gave a presentation titled “Data Visualization: Organizing the Map,” which demonstrated the ways mapping techniques can structure information in a variety of disciplines.

EARTH DAY

POETRY READING

The Libraries, the undergraduate creative writing RSO Fabula Bound, and Open Mouth Reading Series hosted the third annual Earth Day Poetry Reading, April 22, at Mount Sequoyah Gardens Park.

FULBRIGHT PROGRAM

70TH ANNIVERSARY

Lonnie R. Johnson, Executive Director of Fulbright Austria, “Philosophy, Politics, Money, and Memory: The Fulbright Program at 70.” Fulbright Program’s 70th Anniversary, November 2. A collaborative program with the Arkansas State Chapter of the Fulbright Association and The J. William Fulbright College of Arts & Sciences.

OPEN ACCESS WEEK

Open Access Week, October 24-29, 7 lectures, events, and workshops on topics such as alternative models of review in open access, open science panel discussion, author’s rights, SelectedWorks in ScholarWorks@UARK, and open educational resources.
CONSULTATION AREA RENOVATION

Facilities staff worked with Facilities Management and students from the Interior Design program to redesign the printing stations and research consultation area of Mullins Library’s lobby level. The process gave students the opportunity to work on real world problems and solutions and to create design and construction drawings for their portfolios.

NEW SERVICES

Web Services, User Services, Interlibrary Loan, and the Innovative Review Committee worked together to increase the ease with which students can obtain library materials they need. Changes include adding automated processes that allow patrons to choose “request this material” or “Distance Users—send it to me” directly from a catalog record, initiating the retrieval and transmission process of the material to the student immediately. Another change was the initiation of textbook purchases for course reserves when students ask for the material at the service desks.

MEETING AND STUDY ROOMS UPGRADED

The Facilities Director oversaw the renovation of three meeting rooms and four group study rooms in Mullins Library, including upgraded technology of 60” and 70” touch screens. Students and faculty booked the rooms through Dibs!, the Libraries online reservation system 12,529 times during the year.

ITHAKA S+R STUDY

Library faculty contributed to the Ithaka S+R survey of research methods and practices of agricultural scholars. The project entailed interviewing faculty from several disciplines (Horticulture, Crop Soil and Environmental Sciences, Agricultural Education, Communication and Technology, Plant Pathology, Agricultural Statistics and Agricultural Economics). Participation in the project provided additional insight in the researcher needs and how the library might be able address those needs.
DIGITIZATION GRANT

The Office of the Vice Provost for Research and Economic Development awarded a $5,000 Arts and Humanities Seed Grant Program to principal researchers Beth Juhl (Libraries), Michael Pierce (History), and Janine Parry (Political Science) for the digitization of Arkansas Election Results (1866-1976). The project will provide important source data to historians, political scientists, journalists, political office holders, and other researchers.

TRAINING AND WORKSHOPS

The Libraries organized and hosted a two-day research data management workshop in April, including a presentation titled “Building Your Research Data Management Toolkit: Integrating RDM in Your Liaison Work” produced and led by the Association of College and Research Libraries.


The Libraries hosted the Society of Southwest Archivists Annual Conference in May; the Libraries’ role as reception site, workshop site, and a repository tour site brought numerous archivists from across the Southwest to campus and introduce them to the department’s collections.

NEW FACULTY

Drew Beisswenger, Cataloging Librarian, August 2016. Drew holds a Ph.D. in Musicology and Regional Studies from the University of Memphis, a MLS from the University of Alabama, a master’s in Folk Studies from Western Kentucky University, and a bachelor’s in Folklore from Indiana University.

Katrina Windon, Accessioning and Processing Archivist, August 2016. Katrina holds a MSIS with a specialization in Archives from the University of Texas at Austin and a bachelor’s in English and Spanish with minors in Chinese and Geographic Information Systems.

Rachel Paul, Cataloging Librarian, September 2016. Rachel holds a MLS and a MA in Music Theory from the University of North Texas and a Bachelor’s of Music Education from the University of Central Arkansas.

Laura Cameron, Education Librarian, March 2017. Laura holds a MSIS from the University of Texas at Austin and a bachelor’s in English from the University of Missouri-Columbia.

Alyssa Willis, Cataloging Librarian, September 2016. Alyssa (not pictured) holds a MLS from Simmons College and a bachelor’s in History from Mount Holyoke College.
A readership map on ScholarWorks.uark.edu shows the worldwide impact of University of Arkansas research and scholarship. Viewers may choose to see a time lapse of the past day’s downloads (shown above) or watch downloads as they occur in real time.
ScholarWorks@UARK, the institutional repository, continues to grow and provide worldwide open access to university research. Holdings increased 361% in fiscal year 2017 (1,715 items in June 2016 to 6,186 items in June 2017), and downloads increased 461% (38,300 downloads in FY 2016 to 176,627 downloads in FY 2017). Through ScholarWorks@UARK, the Libraries make the research, scholarship, and creative work of the University community freely available worldwide.

The most popular papers (based on the average number of full-text downloads per day since the paper was posted) are:

- “The Role of Women in Film: Supporting the Men” by Jocelyn Nicole Murphy (10,978 downloads since uploaded August 31, 2015)
- “Design and Control of a Bidirectional Dual Active Bridge DC-DC Converter to Interface Solar, Battery Storage, and Grid-Tied Inverters” by Kenny George (2,523 downloads since uploaded May 3, 2016)
- “The Impact of Uber Technologies on the New York City Transportation Industry” by Jonathan K. Alley (1,340 downloads since uploaded June 2, 2016)
- “Corporate Sponsorship in High School Athletics” by Morgan Sherman (2,325 downloads since uploaded August 31, 2015)
- “Are Music Streaming Services Healthy for the Recorded Music Industry?” by Elizabeth Pittman (906 downloads since uploaded June 22, 2016)
- “How Does Music Consumption Impact the Music Industry and Benefit Artists?” by Benjamin Fly (432 downloads since uploaded May 26, 2016)
- “Why Teens Today Wear the Brands They Wear and How This is Affected by Reference Groups” by Moriah Houser (304 downloads since uploaded December 16, 2016)
## 2016-2017 STATISTICS

### COLLECTIONS

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volumes</td>
<td>2,535,117</td>
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<tr>
<td>Serials</td>
<td>92,699</td>
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<tr>
<td>Microforms</td>
<td>5,594,835</td>
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<tr>
<td>Government documents</td>
<td>95,735</td>
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<tr>
<td>Manuscripts and archives (linear feet)</td>
<td>12,676</td>
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<tr>
<td>Maps</td>
<td>144,962</td>
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<tr>
<td>Photographs</td>
<td>310,608</td>
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<tr>
<td>Audio files</td>
<td>33,401</td>
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<tr>
<td>Film and video</td>
<td>8,908</td>
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### MATERIALS EXPENDITURES

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<tr>
<th>Category</th>
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</tr>
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<tbody>
<tr>
<td>Monographs</td>
<td>$841,229</td>
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<tr>
<td>Serials</td>
<td>$5,578,383</td>
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<tr>
<td>Other materials (microforms, audio/visual, etc.)</td>
<td>$205,773</td>
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<tr>
<td>Binding</td>
<td>$33,684</td>
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<tr>
<td>Miscellaneous materials (not included above)</td>
<td>$409,151</td>
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<tr>
<td>Total materials expenditures</td>
<td>$7,068,220</td>
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### SALARIES & WAGES EXPENDITURES

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<td>Professional staff</td>
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<td>Support staff</td>
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<td>Student assistants</td>
<td>$354,991</td>
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<td>Fringe benefits</td>
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### OTHER EXPENSES

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<tr>
<td>Operating expenses</td>
<td>$1,283,202</td>
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**TOTAL LIBRARY EXPENDITURES**

$16,141,252
## 2016-2017 STATISTICS

### USE OF RESOURCES

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<th>Description</th>
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<tr>
<td>Checkouts (does not include renewals)</td>
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<tr>
<td>ILL requests</td>
<td>28,507</td>
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<tr>
<td>Off-campus connections/hits</td>
<td>10,470,218</td>
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### ELECTRONIC RESOURCES

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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Queries (searches) in library catalog</td>
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<tr>
<td>Visits to Libraries’ website</td>
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<td>Logins (sessions) in library catalog</td>
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<td>Institutional Repository downloads</td>
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<tr>
<td>Institutional Repository items</td>
<td>6,186</td>
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</table>

### DOWNLOADS

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</thead>
<tbody>
<tr>
<td>Article and chapter downloads</td>
<td>1,649,840</td>
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<tr>
<td>Videos downloaded or streamed</td>
<td>4,680</td>
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<tr>
<td>Ebook downloads</td>
<td>475,869</td>
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### DIGITAL COLLECTIONS

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</tr>
</thead>
<tbody>
<tr>
<td>Times items accessed</td>
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<tr>
<td>Queries conducted</td>
<td>86,469</td>
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<tr>
<td>Find it! button clicked</td>
<td>233,468</td>
</tr>
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### LIBRARY INFO

- 38 library faculty serving 100 subject areas
- 618 library classes for 12,523 participants for fiscal year 2017
- 1,085,312 visits to the library for fiscal year 2017