

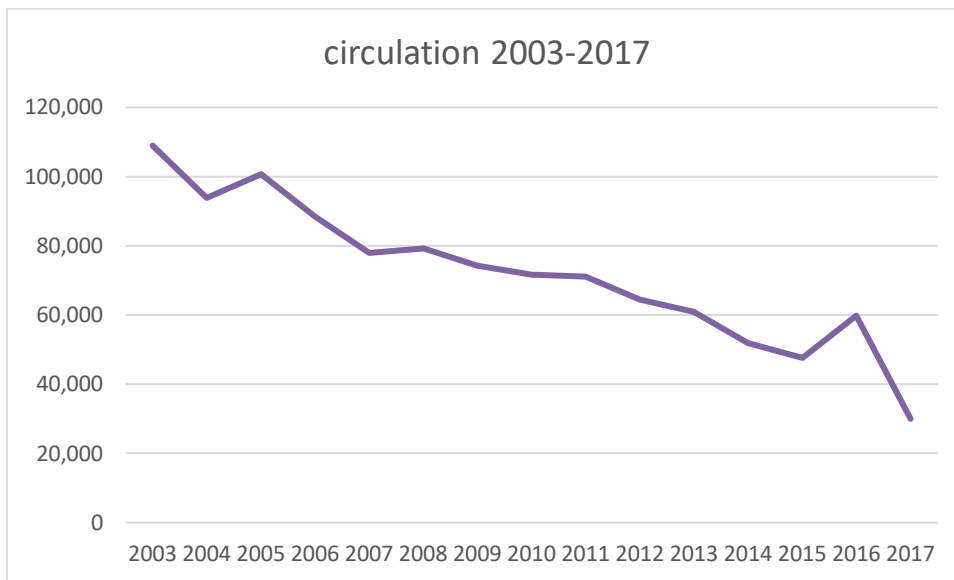
University of Arkansas Libraries, Fayetteville, Arkansas
Faculty Senate Library Committee Meeting
Friday, September 29, 2017

Present: Carolyn Allen, Dennis Beck, Molly Boyd, Justin Chimka, Norm Dennis, Marco de Prosperis, Joel Freund, Grace Kerr, Lora Lennertz, Michele Reilly, Curt Rom, Carson Schmidtke.

Library Storage Facility

The library storage facility is under construction. The time lapse construction camera is on the Facilities Management website at: <https://app.oxblue.com/open/universityofarkansas>. Dean Allen distributed the Future Library Storage Facility FAQ that are posted on the Libraries' website. See Appendix A.

Some faculty have complained to the dean about the inability to browse stacks after the majority of volumes have been moved to storage. The most used and most recent volumes will be housed in Mullins Library on the east side (approximately 500,000 to 600,000 volumes). As the chart below shows, circulation of physical books has been on the decline for the past dozen years.



The library building has not changed since the 1997 renovation of Mullins Library; the student population at that time was around 15,000. This past year's student population was 27,000. The unmet demand for study and collaboration space is critical. We should have 3200-3400 seats based on the current student population to meet the ALA standards for academic libraries. In addition, the library needs to be retooled to bring it into the 21st century, with the possible addition of a maker space, collaboration space, group study rooms, and quiet study areas.

The renovation of Mullins Library has been scheduled to begin in spring semester of 2019. The asbestos abatement will take 2-3 months, with the full completion of the renovation expected in

spring semester of 2020. The architect will be selected at the November Board of Trustees meeting, then the planning process will begin.

COMMENT: the University as an institution needs to come to grips with faculty needs. We need to conduct a survey of faculty and departments to determine what faculty want in the library. [hopefully, surveys of library users, faculty and staff, will be a part of the architect-led planning process for the renovation, but we won't know that until the firm is hired. We can recommend this step.]

Space studies of Mullins Library have been conducted 7 years ago and 2 years ago, and some of that information will be useful, but given the limitations of the current "phase 1" budget, those two studies were too expensive to be accommodated in this phase.

Rare Books Acquisitions

The Libraries have had the opportunity through administration support of one-time funds and through donor funds to make some significant additions to the rare books collection. See appendix A.

Special Collections Open House

The Special Collections department will host a celebratory event in honor of Archives Month Oct. 12 at 2:30 p.m. on the first floor of Mullins Library. Attendees will meet Lori Birrell, the newly appointed head of the department, and take a behind-the-scenes tour of the collections. There will be opportunities to compete in a BINGO scavenger hunt, explore current exhibitions, smell a rare book, touch university history, and experience the treasures of the Libraries. Items on display will include memorabilia from U of A homecoming events, rare books about vampires, drawings from a Fay Jones chapel, photographs, World War I letters, and medical instruments. Everyone is invited to attend.

Digital Services Unit and Faculty

The Digital Services Unit works with Special Collections and faculty to digitize unique materials for use in their teaching and research. Contact Martha Parker, head of the Digital Services Unit, at map012@uark.edu or 575-2032 if you have a project proposal. We are always happy to work with faculty to create materials for their classes.

ScholarWorks@UARK

ScholarWorks@UARK, the Institutional Repository, is actively seeking faculty contributions. The majority of faculty who have contributed are from law. The repository can accommodate many different types of faculty publications. For example, Journalism faculty Larry Foley posted his documentary films for streaming, <http://scholarworks.uark.edu/jourpub/>. See Appendix C for more information about ScholarWorks.

Open Educational Resources (OER)

University Libraries and the [Global Campus](#) partnered in 2017 to offer awards to faculty for adopting and creating open educational resources. The goal of this initiative is to lower textbook costs for University of Arkansas students. Five U of A professors received awards for the spring 2017, and five applicants have been received for fall 2017 semester. It is anticipated that over

1,000 students will have lower textbook costs for the 2017-2018 academic year as a result of these professors' adoption and/or creation of open educational resources. This number will be amplified as future students are also able to benefit from these open resources. See Appendix D: Open Access Report Fall 2017.

The instructional course designers at Global Campus work with faculty in building OER resources for their classes. They offer instruction and programs to explain what OER means and its impacts, discuss copyright issues, and help with locating appropriate resources. The Libraries have developed a research guide on [Open Education](#).

Formats are primarily PDF if possible, some are html interactive documents.

Peer Library Comparison Charts

Dean Allen presented charts comparing the University of Arkansas Libraries in measures of library expenditures, materials expenditures, volumes held, electronic volumes held, professional staff salaries and wages, and full time students to other academic libraries in SEC and peer institutions. We prepare these charts each year using data provided by the Association of College and Research Libraries (ACRL), but by and large, the numbers steadily increase by the position or ranking does not. See Appendix E, Library Comparison Charts.

Serials Price Increase and Future Cuts

The Libraries face a significant cut in serials in 2020 if there is no increase to the base budget. Cutting journals is negatively tied to accreditation applications and renewals, and the retention and recruitment of faculty and graduate students. Serials subscription prices increase annually on an average of 6%. Currently we are covering the increase in serials subscriptions by carving into other portions of our materials budget, which is not sustainable. Other measures we take to mitigate the impact of serials price increases are:

- Review all serials on an annual basis, and evaluate those that demonstrate a high cost per use.
- Ask faculty to review serials and take a serious look at under-utilized journals, as these might be more cost effective to order as needed through interlibrary loan than to subscribe.
- Negotiate 3-5 year contracts with vendors when possible to mitigate increases.
- Collaborate with other institutions and consortium to negotiate group contracts for lower cost or more access, such as the Council of University of Arkansas College and Research Libraries (CUACRL), the Greater Western Library Alliance (GWLA), AMIGOS,
- Work with OER and open access organizations to promote alternative materials, such as [SCOAP3](#) and [arXiv.org](#) Our membership in Center for Research Libraries (CRL) gives access to their collection of unusual materials in the fields of news; law and government; finance, the history of science, technology and engineering; and the history and economics of agriculture: <http://www.crl.edu/collections>. CRL is an international consortium of university, college, and independent research libraries that supports original research and inspired teaching in the humanities, sciences, and social sciences by preserving and making available to scholars a wealth of rare and uncommon primary source materials from all world regions.

Elsevier will not negotiate with larger groups. Journals and databases in the STEM professions are on average more costly than those in other fields.

Appendix A: Future Library Storage Facility FAQs

Q. What is the future high-density library storage facility?

A. The future library storage facility is a high-density, off-site storage facility designed to house low-use items owned by the University of Arkansas Libraries. The facility will also have a preservation and conservation area where materials are cleaned, repaired, and restored; 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 approximate 1.8 million volumes when filled to capacity.

Q. What services will the future high-density library storage facility provide?

A. In addition to storing books, journals, maps, microforms, artwork, and Special Collections materials in a climate-controlled area, the future high-density library storage facility will provide scanned copies of print journal articles, book chapters, and other similar items electronically delivered via email and a courier service to retrieve requested items back to the main campus area four times a day during the week and once on the weekend.

Q. What collections will stay in Mullins Library when materials are moved to the future high-density library storage facility?

A. A committee of library faculty is working on selection criteria for what materials will stay in Mullins Library when materials are moved to the future high-density library storage facility; therefore, the following criteria are preliminary and likely will be updated as further decisions are made.

- Print serials from the most recent five years that are unavailable electronically
- Books that have been checked out at least twice in the past 10 years
- Any materials published in approximately the last 20 years
- Some government documents, including Arkansas Extension publications and circulars
- Newspapers
- Early childhood and juvenile literature from the Learning Resource Center collection
- The future library storage facility is a dynamic collection, which means that volumes may be returned to campus libraries in response to high demand, and volumes will continue to be transferred to the storage facility from Mullins Library and the branches as collections grow.

Q. Where can I pick up items requested from the future high-density library storage facility?

A. You can specify from which campus library location you would like to pick up the material ordered from the future high-density library storage facility. Staff at the future library storage facility will email scanned copies of journal articles, book chapters, and other similar items.

Q. When will construction be complete for the future high-density library storage facility, and when will the collections be moved?

A. Ground-breaking for the future high-density library storage facility was in July, 2017. The future high-density library storage facility will be move-in ready approximately twelve months after construction begins. The move, including preparation work in Mullins Library, is projected to take six months and will begin before the completion of the library storage facility.

Q. How much will the future high-density library storage facility cost?

A. The future high-density library storage facility construction budget is \$11.4 million, which is paid in part by the Facilities Fee.

Q. Where is the future high-density library storage facility located?

A. The future high-density library storage facility will be located off of Hill Avenue in south Fayetteville.

Q. Why does the University Libraries need a high-density library storage facility?

A. The Libraries' current storage facility (LISA) is nearing capacity, and a future high-density library storage facility is the solution to a few problems.

- At a time when print use is declining and demand for space is at a premium, the Libraries has the opportunity to free up space and resources in the heart of campus by prudently managing its physical collections, thereby enabling a future renovation of Mullins Library to create more study and collaborative work space for faculty and students.
- Changes in educational technology have altered the way students learn and how research is conducted. The Libraries' ability to adapt to meet user needs is limited by the lack of space.
- The mechanical systems in the original Mullins Library (western side), which was opened in 1968, are failing. 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.
- 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 future high-density 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.
- 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 continue to rise. The increase in students has resulted in higher demand for study space, collaborative space, and creative work space.

Q. Is there on-site access in the future high-density library storage facility for researchers?

A. No. To maintain maximum efficiencies and to maintain climate control of the materials, the future high-density library storage facility stacks are not accessible to the public. In keeping our future storage facility closed to the public, our goal is to not limit or prohibit access, but to

maximize the use of space while providing the best access possible to our collections. Virtual browsing is robust via the Libraries' online catalog.

Q. Do other university libraries have high-density storage facilities?

A. Many large university libraries, including 85%-90% of institutions in the Association of Research Libraries, utilize high-density facilities to help solve their storage problems when faced with the challenge of maintaining strong print collections while providing access to an expanding array of electronic resources and optimizing user spaces.

The websites and institutions listed below provide additional information on high-density library storage facilities:

- <https://libraryarchitecture.wikispaces.com/High-Density+Storage>
- Library Storage Facilities and the Future of Print Collections in North America (PDF)

- Harvard University
- University of California Northern Regional Library Facility

Q. Who designed the future high-density library storage facility? Who constructed it?

A. Perry Dean Rogers | Partners Architects was the design architect for the future high-density library storage facility and Miller, Boskus, Lack Architects was the architect of record; ConReal is the general contractor.

Q. What is cross-laminated timber, and how will it be used to make the future high density storage facility construction more environmentally friendly?

A. Cross-laminated timber (CLT) originated in Germany and Austria in the 1990s, and is a cost-competitive, sustainable, and environmentally friendly alternative to concrete, masonry and steel construction. A CLT panel is constructed of timber planks that are stacked, glued, and laminated in perpendicular layers under heavy pressure. The panels are pre-fabricated according to the builder's specifications, then shipped to the building site and assembled, greatly reducing the construction time and eliminating construction waste.

CLT panels offer many advantages over traditional construction methods and materials, including improved dimensional stability to wide and tall construction, such as in the Libraries' storage facility, which is essentially a large box 40 feet tall. In addition to providing a higher fire resistance and a higher building hardening rating on the Fujita tornado scale, CLT panels are lighter and thinner than steel and concrete construction, allowing for less massive foundations, structural supports, and roof, all of which make the building more cost effective to build. They also offer sound insulation, long term structural integrity and durability (even rated against earthquakes), and 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 Libraries Storage Building will be fire-hardened wood siding with a base of gabion baskets filled with native stone—all sustainable and environmentally friendly components.

Q. How will the move of library materials to the future high-density storage facility affect me?

A. The University of Arkansas Libraries will continue to offer the same great services, including 24-hour access to electronic journals and books and chat reference support, subject specialists, RazorRush document delivery service, course reserves, and interlibrary loan. Additionally, the move to the future high-density storage facility will allow us to optimize the current physical space in Mullins Library to better meet the evolving needs of our students and researchers. The primary difference will be that it may take a little longer to gain access to some of our less frequently used print books and journals (approximately one business day).

Q. Will the Libraries discard any items during the move to the future high-density library storage facility?

There is no intention to discard materials during the move to the future high-density storage facility; however, the necessary process of handling, scanning, and barcoding library materials during the move will provide an opportunity to refer some materials for further cataloging, preservation, or replacement, which may result in them being unavailable for a longer period of time.

Q. Whom do I contact if I have questions about the future high-density library storage facility?

A. Contact Lora Lennertz, Director for Academic and Research Services, at (479) 575-5545 or lennertz@uark.edu for any questions regarding the future high-density library storage facility.

Q. I want to consult Special Collections material; is that affected by the move to the future high-density library storage facility?

A. Requests for materials from the future high-density library storage facility will be made in the same way they are currently; materials in the future high-density library storage facility will be delivered to the Special Collections Reading Room in Mullins Library for your use. If you contact Special Collections to make your request before you visit, the materials will be ready when you arrive.

Q. How long does it take to get an item from the future high-density library storage facility?

A. Scanned copies of print journal articles, book chapters, and other similar items requested from the future high-density library storage facility will be transmitted electronically to the requestor within one business day. Books and other physical materials requested from the future off-site, high-density library storage facility will be delivered to a campus library within one business day.

Appendix B: Recent Rare Books Acquisitions Highlights

Complete Dominican Psalter, 15th C., vellum, contemporary binding.

Resulting from consultation with several faculty members on campus, the University Libraries has acquired the first complete medieval codex ever held by an Arkansas institution. This complete Book of Psalms and liturgical reader is of immediate interest for scholars and students in English, Classics, Religious Studies, Art History, and several visual arts programs. It includes contemporary binding and exhibits extremely well-preserved evidence of book technologies, from handwritten manuscript pages and vellum folios, to early book binding and illumination. It was made in Bohemia in the early 15th century.

Poems, John Rollin Ridge (1868)

This is a beautiful, near pristine copy of the posthumously published collection of poetry by John Rollin Ridge. After living in Fayetteville as a boy, Ridge would achieve renown as the first Native American novelist and the creator of the “Zoro” mythology through his novel *The Life and Adventures of Joaquin Murieta*. As a Cherokee and Arkansan, the book, which includes a portrait of the author, greatly adds to our Arkansas Collection and provides a significant resource for the Native American Studies Program.

Cantique des Cantiques de Salomon, Eric Gill (1931)

This is an extremely rare edition from Cranach Press by a leader of the “Fine Press” movement and early graphic design pioneer, Eric Gill. It is exquisitely beautiful as an object, and complements significant holdings already in the Libraries’ rare books collection, such as the Cranach Press Rilke in the John Gould Fletcher library and the Ezra Pound first editions. Gill created several of the fonts used in printing and web publication today, and he was an important innovator in 20th century typography. This volume supports several programs on campus, including literature, book arts, gender studies, and the graphic design program in the newly minted School of Arts.

Account of Expedition from Pittsburgh to the Rocky Mountains, performed the Years 1819, and '20 Under the Command of Major Stephen H. Long, Edwin James (1823)

Fine example of a significant work related to the exploration and mapping of the American West. Although the Libraries holds later editions and separated maps related to the expedition, this first edition is complete, including the accompanying original atlas of maps and engraved plates. These volumes add to the University Libraries’ growing collection of Western Americana and help distinguish the collection on Arkansas and the Arkansas River Valley, for which the Libraries’ now has several noteworthy, preservation quality examples.

Author	Title	Price	Justification
Chen, Julie	Composite Impressions	\$1,225.00	Notable work by leading Artist Book creator; research interest of campus faculty;
Chen, Julie	Glimpse	\$975.00	Notable work by leading Artist Book creator; research interest of campus faculty;
Pandey, Radha	Taxonomy of Shapes	\$400.00	Complements existing research and instruction efforts using artist books; investigates process of "reading" and space.
Baldwin, Kate	Lake + Cloud (Non deluxe)	\$250.00	Complements existing research and instruction efforts using artist books; investigates environmental and ecological issues as well as historical documentation and the geography of information.
Gorham, AB	Whipstock	\$360.00	Complements existing research and instruction efforts using artist books; expansion of gender and feminist literature collections
Stanford, Frank	The Singing Knives (second edition, silk-screened variant, 1979, from Lost Roads Press)	\$400.00	Second edition published in Fayetteville of one of the city and university's most celebrated writers after his suicide.
Stanford, Frank	The Singing Knives (typed, annotated manuscript)	\$25,000.00	Increasingly significant poet connected to UA MFA program and founder of Lost Roads Press in Fayetteville with C.D. Wright.
	Z Helix (2014)	\$260.00	Complements existing research and instruction efforts using artist books
	Fibre Libre	\$635.00	Complements existing research and instruction efforts using artist books
Leah Mackin	Ultrices (2016)	\$140.00	Complements existing research and instruction efforts using artist books
Bonnet, Charles	Oeuvres d'Histoire Naturelle et de Philosophie	\$4,750.00	Complete works of important 18th century naturalist from whom we have a first edition with strong provenance already.
Gill, Eric	Cantique des Cantiques de Salomon (1931)	5,750.00	Excellent example of Gill's work with Cranach Press, complementing the Cranach Hogarth Press work included in the John Gould Fletcher collection.
Brainard, Joe	I Remember Christmas	\$125.00	Arkansas born poet and artist. Works would complement our efforts to document LGBTQ regionally as well.
Wright. C.D.	Alla Breve Loving (Mill Mountain Press, Seattle, 1976)	\$600.00	Prominent poet with Arkansas roots; we should collect everything we can. First edition

Menologion, Vatican City	Book of Saints of Emperor Vasilios II	\$8,940.00	Books of Saints, fine facsimile from Vatican, of immediate value for teaching and research on campus; primary book of Byzantine illustration.
Monastery of Iona	Books of Kells (Faksimile Verlag, 1990)	\$6,655.00	Complements existing instruction program utilizing medieval manuscript facsimiles.
Byzantine Psalter	Chludov Psalter (AyN Ediciones, Madrid)	\$4,111.00	Complements existing instruction program utilizing medieval manuscript facsimiles.
Block, Clarence E.	Block's World: Song Book of Poems	\$45.00	Arkansas-born poet; inscribed with broadside poem insert.
Tackett, Dorothy K.	Girl's School Album Including Sports	\$600.00	Unique photo album documenting girls' recreation activities in Arkansas in the 1930s.
Sharp, Miss I.F.	Oaks Poultry Farm, Texarkana, Arkansas: Now is the time...	\$275.00	Agriculture and poultry industry; rare Arkansas print
Mountain View, Arkansas: Stone County H.D. Council, 1942.	You are invited to Attend the Stone County Folk Festival at Blanchard Springs (broadside)	\$122.50	Unique broadside complementing folk music and Arkansiana sources frequently sought by researchers.
Kloethe & Co., Kuh, Nathan & Fischer Co.	Advertising Kit for a Midwest Clothing Company: Kloethe & Co. (1909)	\$3,000.00	Advertising, rural life, popular culture, women's life
Carey, Henry Charles, and Isaac Lea	A Complete Historical, Chronological, and Geographical American Atlas: Being a Guide to the History of North and South America, and the West Indies ... According to the Plan of Le Sage's Atlas and Intended As a Companion to Lavoisne's Improvement of That Celebrated Work	\$14,500.00	Exploration and early 19th century; supporting History of the West researchers and aspiration of Libraries to be a center for westward expansion research.
James, Edwin	Account of Expedition from Pittsburgh to the Rocky Mountains, performed the Years 1819, and '20 Under the Command of Major Stephen H. Long (1823)	\$22,000.00	Account of major expedition the year Arkansas was made a territory. Essential text about mapping of west and foundational text of Western Americana.
Thompson, Hunter S.	Fear and Loathing in Las Vegas: A Savage Journey to the Heart of the American Dream	\$650.00	Pivotal work in counter culture; complements journalism archival collections and political collections.

Hesse, Herman	Siddartha (1922 first edition, first state)	\$6,500.00	Foundational text of avant garde, WWII resistance and the American counter-culture. Contemporary of writers included in the rare books collection including Huxley and Wolfe.
Spinazzola, Vittorio	Pompei alla luce degli scavi nuovi di via dell'abbondanza (anni 1910-1923). Volume primo e secondo. (Publisher: La Libreria dello Stato, Roma, 1953)	\$795.53	Classicist researchers have requested the item for research and a digital project.
Catholic Church	Complete Dominican Psalter, 15th C., vellum, contemporary binding.	\$23,400.00	Strong support form Medieval Studies and other teaching faculty for acquisition of a complete manuscript; matching funds offered in support of the purchase.
Talbot, Nelson	The Cabin	\$2,500.00	Privately printed collection photographs and personal accounts of hunting and fishing across North American including Arkansas. Scarce. Author inscribed copy available from James Cummins
Hazelton, William C.	Days Among the Ducks	\$375.00	Reminiscences of duck hunting trips through middle America including Arkansas.
Hemingway, Ernest	Farewell to Arms	\$4,750.00	Inscribed first photoplay edition of classic book. Includes locating of author in Piggott, Arkansas. (Piggott House Museum opened)
Grissom, Herbert	Out-O-Doors in the Ozarks	\$150.00	Kansas City Railroad Company travel guide featuring hunting and fishing options in Arkansas and Missouri.
Hazelton, William C.	Tales of Duck and Goose Shooting	\$750.00	Illustrated fowl hunting guide that includes Arkansas with other southern states.
Barton, William, P.C.	A Flora of North America. Illustrated by Coloured Figures, Drawn from Nature.	\$17,500.00	One of the most important illustrated books of flora, pioneering colored engraving in North America; resonates with other important works in the collection already, as well as archival collections.
Abert, James W.	Message from the President...Communicating a Report of an Expedition Led by Lieutenant Albert, in the Upper Arkansas and through the Country of the Comanche Indians, in the Fall of the Year 1845.	\$2,500.00	Important map and originally published information on the Creek nation in the Indian Territory and the area between the Canadian and Arkansas Rivers, well within our collecting scope.
Blackbird, Andrew Jackson	The Indian Problem, from the Indian's Standpoint	\$569.25	Original prose from Native American author, useful for Native American Studies program; recommended by director. 1890.

Herman Miller Company	The Herman Miller collection: furniture designed by George Nelson, Charles Eames, Isamu Noguchi, Paul Laszlo	\$1,323.59	Seminal publication during Mid-Century Modernism; essential text for designers and architectural historians.
H. Hudson Holly	Modern dwellings in town and country adapted to American wants and climate: with a treatise on furniture and decoration.	\$343.52	Pivotal publication during development of American architectural styles; supports architecture historians.
Virgil	Vergilius Vaticanus: vollständige Faksimile-Ausgabe im Original format des Codex Vaticanus Latinus 3225 der Bibliotheca Apostolica Vaticana : commentarium	\$1,334.53	Valuable primary source supporting work of Classicists and religion scholars on campus.
Ridge, John Rollin	Poems	\$1,382.85	Pristine first edition of notable Native American author with direct ties to early Fayetteville and Cherokee Nation.
Catholic Church	The Morgan Crusader Bible = La Bible des Crusades (Facsimile)	\$3,742.63	Primary source for Medieval Studies program.
Crawford, D. L., & Royal Commission on Historical Monuments (England).	An inventory of the historical monuments in the City of Oxford	\$246.94	Rare example of text helping study of English history, historic preservation, architecture.
Swett, Ben H.	Bail out, and other poems	\$54.88	Scarce poetry edition form Arkansas African American author.
Jefferson, Floyd W.	Iambic and dactylic	\$137.19	Scarce poetry edition with inscription to Senator Fulbright.
Birch, McClane	The Kandi man	\$32.93	Scarce poetry edition form Arkansas African American author.
Price, E. Curmie	The State of the Union	\$60.36	Scarce poetry edition form Arkansas African American author.
	Beati Petri Apostoli Epistulae (Facsimile of Vatican first copy)	\$944.50	Supporting Classics faculty research and teaching.
	Chansonnier de Jean de Montchenu	\$3,865.22	In support of the several faculty on campus teaching book of hours and other Medieval European devotional texts.
	Corán de Muley Zaydán: historia de un manuscrito árabe de la Real Biblioteca de El Escorial : estudio critico	\$4,267.74	Beautiful facsimile copy of early Koran.

	Historia universal de las cosas de Nueva España : codice laurenziano mediceo palatino, 218, 219, 220	\$4,201.05	"Florentine Codex" supporting Ana Pulido Rull and other Meso-American history and Art History research activities.
	Hrbanus Maurus - Liber de Laudibus Sanctae Crucis (Facsimile)	\$571.06	Herbarium both supporting study of natural sciences and medieval studies.
	Li Livres dou Tresor	\$5,097.04	Key text in study of Dante and other Italian early modern literary figures. Supporting medieval studies classes and book history.
Bodleian Library	<i>Liber Bestiarum: Ms Bodley 764</i>	\$995.41	Supporting medieval studies classes and book history. Herbarium both supporting study of natural sciences and medieval studies.
Eccles, David, and Nigel Morgan, eds.	The Getty Apocalypse, with commentary (facsimile)	\$671.69	Supporting medieval studies classes and book history.
Schonfield, Jeremy, and Raphael Loewe, eds.	The Rothschild Haggadah: a Passover compendium from the Rothschild Miscellany ; a facsimile edition of 550 copies, with companion volume	\$891.14	Supporting medieval studies classes and book history; fine example of text to assist in Jewish studies.
Andrew, Malcolm, and Ronald Waldron, eds.	The poems of the Pearl manuscript: Pearl, Cleanness, Patience, Sir Gawain and the Green Knight	\$702.40	Facsimile of foundation text in English literature heavily consulted by scholars and students in medieval studies, English, and Art History.

Appendix C: ScholarWorks@UARK

[ScholarWorks@UARK](#), the institutional repository for the University of Arkansas, contains research, scholarship, and creative work produced by the university's academic departments, research centers, faculty, staff, researchers, and students. Much of the content is open access, meaning that it is offered to users worldwide for the purpose of furthering research, scholarship, and education.

ScholarWorks@UARK is

- a showcase for the research, scholarship, and creative work of the University of Arkansas community
- a partnership between the University Libraries and the Office of Research and Economic Development
- a community service on the local, national, and global levels

Benefits of Participating

- Enhanced visibility, availability, and impact of your work
- Fulfillment of open access requirements for research sponsored by organizations and government agencies
- Support for the University of Arkansas Open Access Policy (Academic Policy 1220.00)
- Instantaneous measures of impact (hits and downloads, with geographic locations)

ScholarWorks@UARK held 6,186 items from 937 disciplines as of June 30, 2017, which are currently arranged in browsable form under the categories [Colleges, Departments, Centers and Institutes](#); [SelectedWorks Gallery](#); [Patents Granted](#); [Theses and Dissertations](#), and [Undergraduate Honors Theses](#). All of the materials are optimized to be discoverable by search engines and were downloaded 176,627 during the past year. The most downloaded paper is a Journalism undergraduate Honors Thesis titled "The Role of Women in Film: Supporting the Men" by Jocelyn Nicole Murphy, who graduated in 2015. The paper has been downloaded 15,775 times.

An interactive map drops pins in locations where a paper was downloaded, on a time lapse of downloads during the past day. http://scholarworks.uark.edu/readership_map.html#content. The map demonstrates the worldwide impact and distribution of University of Arkansas scholarly output.

For information about participating in ScholarWorks@UARK, see our [Guidelines](#).

Appendix D: Open Access Report Fall 2017

The University Libraries participate in the SPARC (the Scholarly Publishing and Academic Resources Coalition) initiatives, including those of OER support and creation. Reports and future institutional statistics will be available on the *Connect OER* site - connect.sparcopen.org.

Initial preparations for OER:

The University of Arkansas Libraries began our active campaign towards supporting Open Education Resources by sending student and library faculty representatives to the 2015 SECU Collaboration workshop to engage librarians, students and faculty in OA and OER initiatives. Following the workshop, the university formed an Open Education Resource Team (Lora Lennertz (chair), Norman Dennis, Gary Ferrier, Marei Houpert, undergraduate student representative, Miran Kang, Ali Sadeghi-Jourabchi, Fred Spiegel, Julie Stenken, Susanne Striegler, Elaine Thornton) to develop means for informing the campus community about the availability of Open Education Resources and to assist in the use and creation of Open Education materials. The committee includes librarians, staff of the campus bookstore, campus administrators, instructional designers, student government leaders and faculty champions. The first act of the group was to work with the bookstore in obtaining updated software for selecting textbooks, software which includes search mechanisms for open materials and provides textbook affordability information. The Libraries worked with the bookstore to provide textbook selection training to campus faculty and departmental staff.

Initiatives

In the Summer 2016, members of the library joined **student government** officers in attending an SEC student government workshop, the results of which led to stronger communication with our student government and to a joint resolution, *ASG. 2016-2017 Joint Resolution No.3*, by the undergraduate and graduate student bodies calling for the use of open education resources. This legislation was followed in Spring 2017 with *ASG. 2016-2017 Senate Resolution No. 17*, creating an award given by students to an instructor using OERs within his/her classroom. Both resolutions may be found at [ASG Passed Legislation 2016-2017](#).

The Libraries produced a [Resource Guide](http://uark.libguides.com/oer) (<http://uark.libguides.com/oer>) to introduce concepts of Open Education Resources to the University's community.

In early spring, the University Libraries and Global Campus with the support of the Open Education Resource Team sponsored an OER program offering faculty incentives of \$3000 to adopt OER open access course materials or \$7500 to create OER open a ESS course. The College of Engineering and the Political Science, English, Economics, Psychology, Physics and Social Science departments were targeted with information. Four incentives for textbooks were distributed and one for adoption of materials. Selection was made by members of the team. A smaller group, Miran Kang and Scott Wright - Global Campus; Lora Lennertz, Elaine Thornton and Stephanie Pierce - University Libraries, were joined by subject librarians in meeting with

individual faculty to begin their OER processes. When completed, the grants for this first round will have totaled over \$33,000. Given the timeframes of the award, data is not yet available for these materials.

In Spring 2017, the Libraries and global campus participated in national Open Education Week activities at the University of Arkansas to raise awareness about free and open educational opportunities and their role in attaining educational goals -- Event Hashtag: #OpenEdUARK. The University of Arkansas conducted a Twitter chat session, a presentation on electronic lab notebook softwares, and an introduction to Open Educational Resources.

Prior to Open Education Week, University Libraries conducted a poll of how much U of A students were spending on textbooks using interactive posters were hung in library buildings.

Results of poll: Out of 734 total participants, 53 reported paying \$100 or less for textbooks each semester, 91 reported paying \$100-\$200, 130 reported paying \$200-\$300, 155 reported paying \$300-\$400, and 305 - the highest number - reported paying \$400 or more.

Fall 2017, Global Campus and University Libraries are again funding an OER incentive program for faculty which has formally been announced at several faculty events on campus and which is being advertised. Due to issues identified in meetings with last semester's awardees, we are implementing a round of interviews before awards are given. We are continuing to work with the spring semester awardees on their book projects and in establishing a peer review methodology. We will be developing other activities to increase knowledge of the value and availability of OER materials.

Statistics

While it is known that some faculty have used OER materials, particularly textbooks produced through other institutions such as OpenStax, the number of adopters had not been tracked in the past. This past year, no adoptions were officially made through the bookstore. The Libraries is working with the bookstore to track formal adoptions in the future. One task of the working group is to explore methodologies for capturing data on "rogue" use of OER materials. Work in this area may allow us to consider "flagging" classes using lower cost materials.

As we are still in the middle of the creation phase of the OER program, there are no statistics regarding the OER use from those recipients.

First round OER recipients

Five U of A professors received awards for the Fall 2017 semester. It is anticipated that over 800 students will have lower textbook costs for the semester because of the professors' adoption and/or creation of open educational resources. This number will be amplified as future students are also able to benefit from these open resources.

Professor Michael Thomsen teaches Food and Agricultural Marketing for the Dale Bumpers College of Agricultural, Food and Life Sciences.

This course has approximately 100 students per session and several sessions per year. In 2009, Thomsen developed his own course materials in webMathematica. While this methodology has worked well in the past, it is hampered by the need of a proprietary plug in. The Libraries and Global Campus will work with Thomsen to transfer his materials into R, which is a free, open source alternative.

Professor Zhenghui Sha with the College of Engineering instructs Machine Element Design, a core course for Mechanical Engineering students.

Around 575 students enroll in this course annually. Sha will work with the Libraries and Global Campus to develop and/or adopt open educational resources to amplify student access to recent research, and to develop projects based on open source design, which will tackle modern design tasks as compared to traditional design problems.

Professor Gary McDonald, also with Bumpers College, teaches Woody Plant Materials, a class with about 25 students per semester.

There are few textbook materials available for the study of regional plants, and traditional publication methods are too expensive and difficult to update. McDonald's project proposes to transition lecture materials in the form of text and digital images to an open format for use in class and for the public.

Professor Jingxian Wu of the College of Engineering teaches Signals and Systems, a core class for all Electrical Engineering students.

Wu aims to create open educational resources to replace the textbook currently used. These materials will include lecture notes, homework, a solution manual, a Matlab tutorial, a lab manual and a test library.

Professor Patricia Herzog, who teaches for the University of Arkansas Honors College as well as the J. William Fulbright College of Arts & Sciences, has three courses that will benefit from open educational resources - Honors University Perspectives, General Sociology (online), and Emerging Adulthood.

Herzog aims to create an open textbook that addresses social science research and that surrounds and informs college experiences by providing students with evidence-based approaches for successfully navigating college.

Prepared by Lora Lennertz

Appendix E: Library Comparison Charts

Note: These charts are compiled annually using the most recent data available from the Association of College and Research Libraries (ACRL), which run one year behind, thus, the most recent data available is from 2016.

2016 SEC Library Comparison								
Institution	ARL Member Year	Total Library Expenditures	Total Materials Expenditures	Volumes Held	Electronic Volumes Held	Salaries & Wages Professional Staff	Professional + Support Staff	Full time students
Texas A&M University	1962	\$46,860,833	\$25,680,255	5,609,657	1,784,816	10,534,213	266	49,732
University of Florida	1956	\$36,493,816	\$13,955,398	5,736,002	1,343,670	\$7,447,720	106	34,616
University of Georgia	1967	\$30,332,249	\$13,376,678	4,563,770	677,447	\$5,213,122	83	34,707
Vanderbilt University	1946	\$29,947,964	\$12,859,374	3,073,052	1,721,981	\$6,051,711	86	12,060
University of Kentucky	1952	\$26,792,887	\$10,722,135	4,834,750	1,711,368	\$6,758,827	103	28,768
University of South Carolina	1975	\$25,248,077	\$10,381,982	2,976,661	1,056,727	\$8,361,545	176	31,488
University of Tennessee	1962	\$23,982,477	\$12,541,706	3,675,744	822,932	\$5,924,123	92	27,347
University of Alabama	1967	\$21,683,658	\$11,223,730	1,573,804	164,249	\$5,298,028	76	32,010
University of Missouri	1932	\$20,628,289	\$9,240,681	4,514,885	1,028,521	\$3,132,897	51	30,991
Auburn University	1992	\$15,742,420	\$8,148,138	4,548,150	998,420	\$3,332,463	50	24,502
University of Arkansas		\$15,727,859	\$6,948,091	1,861,910	570,318	\$5,356,340	129	23,282
University of Mississippi		\$15,480,549	\$8,677,521	1,737,251	799,702	\$3,257,712	52	21,518
Mississippi State University		\$12,702,983	\$5,110,045	2,346,631	52,173	\$3,409,451	62	<i>not reported</i>
Louisiana State University	1938	\$13,878,412	\$7,248,927	5,269,283	1,209,987	\$3,232,804	105	28,818
AVERAGE		\$24,740,312	\$11,451,210	3,619,405	912,292	\$5,698,319	102	27,390

2016 Peer Institution Library Comparison								
Institution	ARL Member Year	Total Library Expenditures	Total Materials Expenditures	Volumes Held	Electronic Volumes Held	Salaries & Wages Professional Staff	Library Professional + Support Staff	Full time students
Texas A&M University	1962	\$46,860,833	\$25,680,255	5,609,657	1,784,816	10,534,213	266	49,732
University of Kentucky	1952	\$26,792,887	\$10,722,135	4,834,750	1,711,368	\$6,758,827	103	28,768
University of South Carolina	1975	\$25,248,077	\$10,381,982	2,976,661	1,056,727	\$8,361,545	176	31,488
University of Tennessee	1962	\$23,982,477	\$12,541,706	3,675,744	822,932	\$5,924,123	92	27,347
Iowa State University	1932	\$23,826,246	\$12,330,445	2,882,141	457,967	\$3,286,455	50	31,708
University of Kansas	1932	\$23,261,613	\$9,752,144	4,664,212	988,900	\$7,909,024	173	25,735
University of Alabama	1967	\$21,683,658	\$11,223,730	4,829,529	164,249	\$5,298,028	76	32,010
University of Missouri	1932	\$20,628,289	\$9,240,681	4,514,885	1,028,521	\$3,132,897	51	30,991
University of Oklahoma	1962	\$18,246,223	\$9,240,640	5,430,108	1,282,117	\$4,260,132	69	23,704
University of Nebraska	1932	\$18,018,299	\$8,907,856	3,801,630	846,323	\$5,280,880	85	22,727
Auburn University	1992	\$15,742,420	\$8,148,138	4,548,150	998,420	\$3,332,463	50	24,502
University of Arkansas		\$15,727,859	\$6,948,091	1,861,910	570,318	\$5,356,340	129	23,282
Clemson University		\$15,081,959	\$8,215,051	1,835,823	444,996	\$2,120,754	30	22,307
Louisiana State University	1938	\$13,878,412	\$7,248,927	5,269,283	1,209,987	\$3,232,804	105	28,818
AVERAGE		\$23,334,907	\$11,259,817	4,135,781	864,403	\$5,786,244	110	29,333