



ANNUAL REPORT

Fiscal Year 2019

Message from the Vice Provost

Like knowledge itself, the University of Missouri Libraries is always growing, evolving and inspiring us to pursue new possibilities. In this annual report, it is my pleasure to introduce you to the many ways the University Libraries librarians and staff are contributing to the mission of Mizzou.

I believe that our librarians and staff are one of the greatest resources that the Libraries provide for the success of our students and faculty. In this annual report, you will get to see many examples of how our librarians work with faculty and are an integral part of their work in a variety of ways. We call these stories Cycle of Success because librarians, faculty and students must work together in order for everyone to succeed and fulfill the mission of this great university.

Today we hope you enjoy reading about these accomplishments and will celebrate them with us. We are excited about our future in helping our many constituencies succeed in pursuing their academic and research goals.



Ann Campion Riley
Vice Provost for Libraries and University Librarian



Above: Incoming Freshman students participated in an Escape Ellis Library activity during Welcome Week.

University Libraries

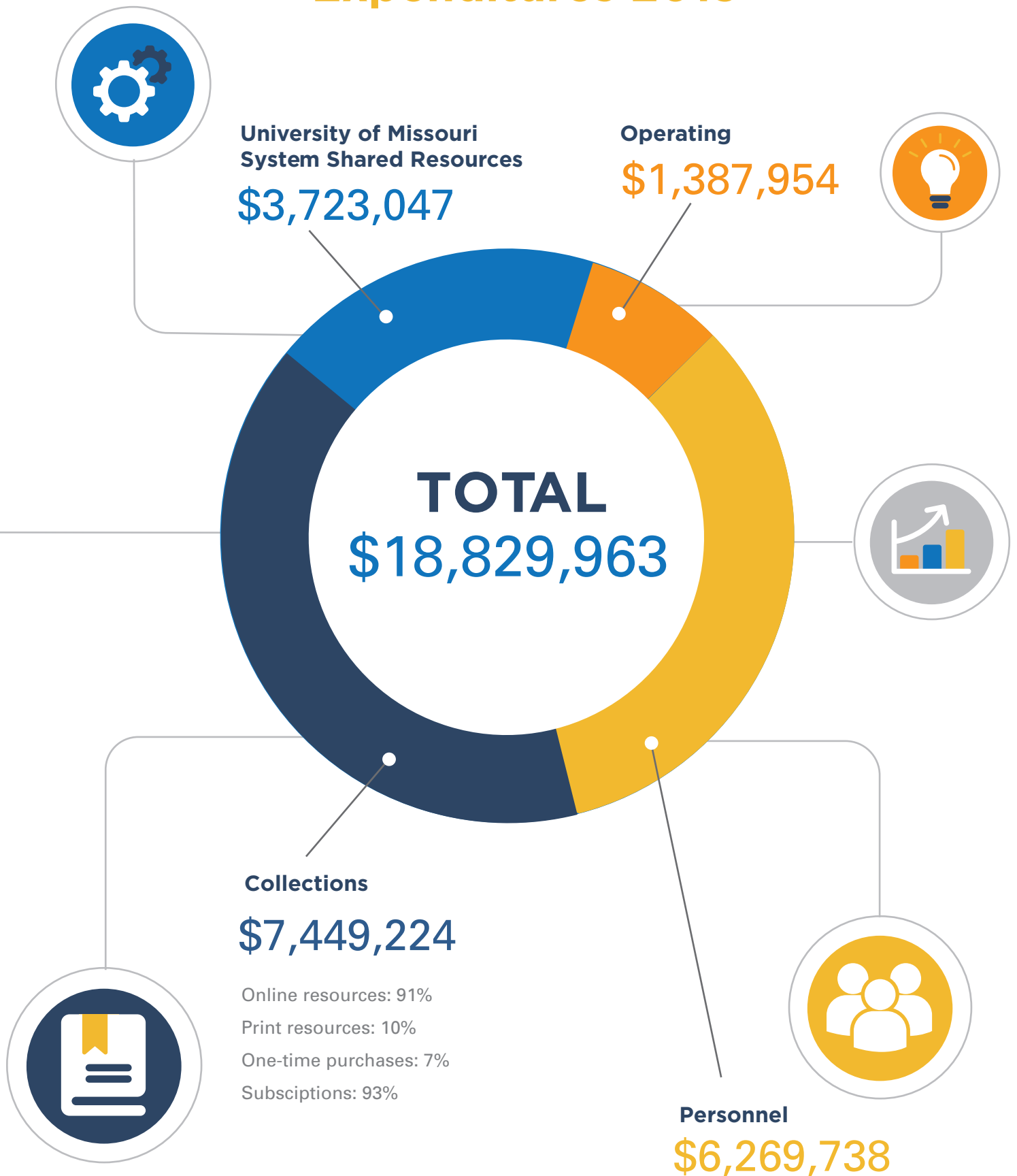
Elmer Ellis Library (main library) | Engineering Library and Technology Commons | G. Unklesbay Geological Sciences Library | J. Otto Lottes Health Sciences Library | Frank Lee Martin Journalism Library | Mathematical Sciences Library | Missourian Library | Zalk Veterinary Medical Library | University Archives | University of Missouri System Libraries Depository

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University of Missouri Libraries Expenditures 2019



About our Spaces at the University of Missouri Libraries



1,211,477

Total Visits FY19



Ellis Library



1,837
Seating Capacity



148
Hours open per typical
week



767,322
Visits per year



Engineering Library and Technology Commons



188
Seating Capacity



73
Hours open per typical
week



167,346
Visits per year



Geological Sciences Library



27
Seating Capacity



61
Hours open per typical
week



Journalism Library



104
Seating Capacity



65
Hours open per typical week



131,820
Visits per year



Health Sciences Library



558
Seating Capacity



99
Hours open per typical week



102,683
Visits per year



Veterinary Medical Library



101
Seating Capacity



50
Hours open per typical week



42,306
Visits per year



Mathematical Sciences Library



11
Seating Capacity



45
Hours open per typical week

The University Libraries also consist of the Missourian Newspaper Library, the University Archives, and two off-site storage facilities.

Cycle of Success

Librarians Help Prepare High School Students for College

The Missouri Scholars Academy brings 330 gifted high school juniors from around the state to the University of Missouri Campus. Their time on campus includes a stop at Ellis Library.

Last year, the students visited with Rachel Brekhus, Humanities and Social Sciences Librarian, who assisted the students with finding primary historical sources and secondary scholarly sources. The collaboration was so successful that, Ben Balzer, one of the Missouri Scholars instructors, jumped at the chance for his science fiction students to attend Rachel's research workshop during the 2018 session as well as expanding that collaboration to include Kelli Hansen, Special Collections Librarian.

"Their work with my students was, in short, amazing! I extended my collaboration to Kelli because of how much last year's students enjoyed working with library resources," says Ben. The scholars looked at items ranging from a comic version of 2001, A Space Odyssey to a rare copy of Utopia by Thomas More. The scholars left their visit to Special Collections inspired and excited to work on their research projects.

20 Years of Successful Partnership

"The health sciences library is a jewel in the Mizzou library system," says Dr. Vicki Conn, Professor Emerita at the Sinclair School of Nursing.

As a faculty member at the nursing school, Dr. Conn focused on why patients don't take their prescribed medications and finding ways to increase exercise in chronically ill adults. Her research spanned over many years and credits Diane Johnson with helping her throughout the journey.

"I was the principal investigator of three National Institutes of Health [NIH] R01 grants for enormous projects and [Diane's] expertise was critical for securing funding," said Dr. Conn. Diane remained on the grants after the funding was secured, being

Cycle of Success is the idea that libraries, faculty, and students are linked; for one to truly succeed, we must all succeed. The path to success is formed by the connections between University of Missouri Libraries and faculty members, between faculty members and students, and between students and the libraries that serve them. More than just success, this is also a connection of mutual respect, support, and commitment to forward-thinking research.



Ben sees this collaboration being a regular component of his classes. "I want high school students to gain familiarity with university resources so they will feel prepared to make good use of academic libraries when they arrive on college campuses. Students of literature should also be introduced to the social, political, ethical, and historical significance of the texts they read. Working with research librarians helps students better recognize these broader contexts and how they enrich literary study," says Ben.



named a co-investigator to assist with the research.

"Diane worked with my research staff to facilitate our easy access to the results of searches. For one of our projects, we evaluated over 37,000 potential studies for inclusion. The vast majority of those 37,000 were located by Diane. Diane was a central member of our research team."

Dr. Conn recommends that all researcher take advantage of library resources and services. "I suggest people become acquainted with a librarian. It is very important for the librarian to understand your program of research. A librarian who completely understands your program of research can be a wonderful research collaborator."

An Open Education Pioneer Continues Helping Students

Since the beginning of his Mizzou career in 1971, Dr. William Krause has been a proponent of helping students learn and giving them the resources they need. "I've always felt very strongly that any student, under my tutelage, should have all their materials provided for them."

For several years, Dr. Krause taught 96 medical students anatomy and histology. "It was very difficult for me to rotate to all the groups in the labs and answer their questions about the slides," says Dr. Krause. Wanting to make sure his students received the help they needed, he applied for and was awarded a grant to work with a multi-headed microscope for help sessions.

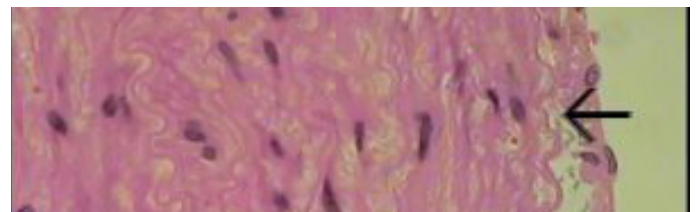
Dr. Krause developed a set of 24 video tutorials and provided DVD copies for each medical student. The DVDs were expensive to make and easily damaged. Dr. Krause turned to the library and asked how could he still provide access to these videos while finding cheaper means of doing so.

Diane Johnson at the Health Sciences Library suggested adding them to Google as it was new and could handle 96 students watching 24 videos. Once placed on Google, Dr. Krause started receiving notes of gratitude not only

from his students, but from students all over the world thanking him for sharing his knowledge. After a few years, Google wanted Dr. Krause to shorten the videos. Dr. Krause felt that shortening them would make the videos less helpful. Once again, he turned to the library.

Wanting to keep the integrity of the videos, while still keeping them freely available, Dr. Krause consulted with Diane Johnson about how best to proceed. She suggested the new repository the library was managing: MOSpace. Following her advice, Dr. Krause added the videos, along with accompanying educational pdfs, to MOSpace. "I was happy to add to MOSpace. It gives the opportunity for people to tap into information from anywhere and makes it more universal," explains Dr. Krause.

Dr. Krause, now retired, still continues to help students at Mizzou and all over the world. With a total of 4,053 views for the videos and close to 19,000 views for the educational pdfs, users are still finding Dr. Krause's collection. During the month of September 2018, his videos were downloaded over 800 times.



Doctor Discovers Librarians Are on Her Research Team

Dr. Elizabeth Malm-Buatsi didn't know where to turn when she wanted to improve her standing as a researcher. As the only pediatric urologist at MU HealthCare, and often called away for surgeries, she had no built-in research team she could lean on. After flying solo for a few months, she found herself on the verge of abandoning projects she was passionate about, frustrated by the research process and unsure how to proceed. Luckily, a colleague suggested she contact Diane Johnson at the Health Sciences Library. Dr. Malm-Buatsi says that initial meeting was absolutely lifechanging

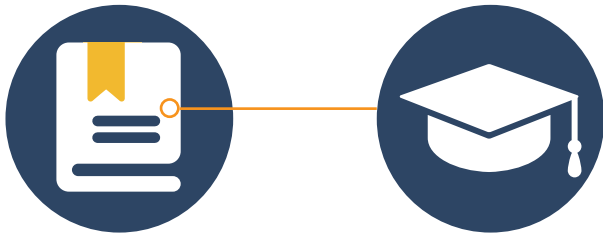
When she first contacted Diane, Dr. Malm-Buatsi was creating an educational flyer to give to parents about newborn circumcisions. Diane was able to find the information in the matter of minutes, at least that's how Dr. Malm-Buatsi describes it. "Ever since meeting Diane, my outlook on research projects has changed," she says, "and I've learned to enjoy the process. She makes sure to keep me on track, makes the process easier, and helps me think critically about what I'm working on."

"Now that I am in their minds, I often receive emails with suggestions or pieces of information related to my projects. Their help has had a huge impact on my career."



Dr. Malm-Buatsi also wanted to assess residents' satisfaction with and the perceived usefulness of an online surgical training system, including a pre-surgery assessment that allows the residents to set goals and view videos before surgery. Caryn Scoville, Information Services Librarian, consulted with Dr. Malm-Buatsi, designed a survey in Qualtrics, and distributed it to the residents. Dr. Malm-Buatsi and her colleagues submitted an abstract about their system, and although it hasn't been accepted yet, she is positive it will, in large part because of Caryn's behind-the-scenes work.

Circulation and Equipment Checkout



67,645

Total circulation of items

Circulation by Library

Ellis:	53,967
Depository:	3,927
Engineering:	2,817
Geology:	689
Health Sciences:	2,125
Journalism:	2,395
Math:	1,241
Veterinary Medical:	480
Missourian:	4

Equipment Checkout

A/V Equipment:	10,301
Laptops:	3,434
Tablets/iPads:	316
Accessories:	22,474

Total: 36,525

Collections

Number of Print Volumes: 3,542,646

Number of E-Books: 1,169,928

Total Volume: 4,712,574

E-Resource and Web Use

Website visits: 1,917,487

Webpages viewed: 15,226,039

Database searches: 2,809,266

MOspace downloads: 1,389,637

LibGuides use: 1,726,545

LibGuides

Top 10 Guides by Use

Prices and Wages by Decade: 883,212

Evidence Based Nursing Practice: 121,461

Resources for Medical Students: 46,877

Mechanical & Aerospace Engineering: 24,869

EndNote for Windows: 22,987

Government Documents as Primary Sources: 22,650

Data Sets for Quantitative Research: 15,876

Journalism, Strategic Communication: 15,134

Consumer Protection Law and Regulation: 14,154

Negro, Black and African-American Census Reports: 13,677



Instruction

13,262
Participants

Class/Tours Participants	11,206
Ellis Self-Guided Tour Participants:	861
Plagiarism Tutorial Participants:	1,195

Total Classes/Tours by Library

Archives:	16
Ellis:	298
Engineering:	10
Health Sciences:	31
Journalism:	60
Missourian Newspaper:	14
Special Collections:	103
Veterinary Medical:	22

Total: 554

Reference and Information Interactions

Reference Transactions

In Person:	6,670
Phone:	757
Email:	5,831
Online Chat & Text:	1,978

Other Transactions

In Person:	42,217
Phone:	1,216
Email:	3,648
Online Chat & Text:	3,337

Interlibrary Loan and Delivery Services

Items Borrowed:	30,130
MOBIUS Borrowing:	13,510
Items Loaned:	35,473
MOBIUS Lending:	18,990
Campus Scan & Delivery Service:	7,075



Gary E. and Janet J. Venable Antiquarian Atlas & Map Collection

The Venable Collection documents the history of cartography, geography, and exploration from the sixteenth through the early twentieth century. Materials in the collection include maps on loose sheets, bound atlases, textbooks and works on geography. The collection, which includes 163 single-sheet maps and 79 bound atlases, provide examples of the work noted cartographers such as Abraham Ortelius, Willem Blaeu, Thomas Kitchin, and John Speed.

Special Collections and Rare Books

Notable Special Collections Acquisitions

Hiller Collection of Audiovisual Material on China, 1945-1948
Gary E. and Janet J. Venable Antiquarian Atlas & Map Collection, 1649-1902

Materials Usage

Book Usage:	4,108
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Instruction/Reference

Research Help Questions Answered:	888
Instruction Sessions:	103
Participants:	1,992

Archives

Materials Usage

Requests:	812
Collections Used:	1,327

Instruction

Tours/Classes:	15
Participants:	65

Requests for Publication

Requests:	28
Digitized Objects Provided:	197

Presentations and Publications

New Faces

Administration

Nicole Whyte, Human Resources
Assistant

Acquisitions, Collections & Technical Services

Seth Huber, Head of Cataloging

Research, Access & Instructional Services

Steven Pryor, Librarian II

Special Collections & Rare Books, Archives and Digital Services

Ying Hu, Senior Library Specialist

Health Sciences & Specialized Libraries

Rachel Alexander, Research Support
Librarian

Tamara Inge, Senior Library Specialist

Christina Pryor, Librarian III

Anderson, Kate; Reeves, L.; Torres, B.; and Luther, J. (2019, May). Treatment of idiopathic chylothorax in dogs and cats: A systematic review. 42nd Annual CVM Research Day, Columbia, MO.

Barker, Anne K. (2018, October). Copyrights, Copy Wrongs: Making Fair Use of Intellectual Property. Presentation at the MU Extension Summit, Columbia, MO.

Barker, Anne K.; Graves, Rebecca; and Khanal, Navadeep. (2018, October). Stronger Together: Connecting with Students (and Others) through MU Connect. Poster presented at the Missouri Library Association Conference, Columbia, MO.

Barker, Anne K.; Oakleaf, Megan; Brown, Malcom; Peterson, Kate; Hodgkin, James; and Walker, Scott. (2019, April). Connect the Campus Data Dots: Using Institutional Systems to Support Students When They Need It Most. Presented at the Association of College and Research Libraries Conference, Cleveland, OH.

Concannon, Marie; Habert, Dr. Martin; Skinner, Dr. Katharine; Sittel, Roberta; Caldwell, Deborah; Jacobs, James R.; Laster, Shari; and Matheson, Scott. (2019) PEGI Project National Forum Summary and Report. Educopia Institute.

Dykas, Felicity and Busch, Tammie. (2018, October). Establishing Personal and Corporate Name Headings with RDA. Presentation at the 2018 Missouri Library Association Annual Conference, Columbia, MO.

Dykas, Felicity and Busch, Tammie. (2019, June). RDA Basics to Get You Started. Presentation at the MOBIUS Annual Conference, Columbia, MO.

Dykas, Felicity; Moulaison Sandy, Heather; and Suiter, Amy. (2018, October). Keeping Up with Scholarly Identity: Networks, Identifiers, and Metrics. Poster presentation at the 2018 Missouri Library Association Annual Conference, Columbia, MO.

Graves, Rebecca Finding Evidence to Improve Processes. In G. E. Armstrong & S. Sables-Baus (Eds.), Leadership and systems improvement for the DNP, 2020. New York, NY: Springer Publishing Company, LLC.

Gray, Gwen and Pierce, Jeanette E. (2018, December) Knowing Our Users: Deriving Value from the Ithaka S+R Surveys at the University of Missouri. Presentation at the 2018 Library Assessment Conference, Houston, TX.

Huber, Seth and Dykas, Felicity. (2019, June). OCLC: An Overview of Interesting and Useful Products and Services. Presentation at the MOBIUS Annual Conference, Columbia, MO.

Johnson, Diane; Ruppert TM; Cooper PS; and Riegel B. Self care interventions for adults with heart failure: A systematic review and meta analysis protocol. Journal of Advanced Nursing 2019 Mar;75(3):676-682.

Johnson, Diane and Finfgeld-Connett, Deborah. Data Collection and Sampling. In: Finfgeld-Connett, Deborah. A Guide to Qualitative Meta-synthesis. New York: Routledge, 2018, p. 18-30.

Khanal, Navadeep. (2018, October). A Strong Case for Libraries in Student Success. Poster presented at the Missouri Library Association, Columbia, MO.

Moeller, Kimberly; Bleier, K.; Howe, K.; and Kinney, M. (2018, October). Fostering Inclusion and Cultural Competence through Campus-Wide Reading Programs. Missouri Library Association Annual Conference, Columbia, MO.

Roper, Paula. (2018, October). Serious Fun: Valuing Diversity and Community in a New Black History Month Tradition. Missouri Library Association Conference, Columbia, MO.

Schiefer, Sandy. (2018, October). Tools for Verifying and Evaluating News and Information. Presentation at the Missouri Library Association Conference, Columbia, MO.

