



Unit Review

2017-18



Drafted in 2017-18 by an internal task force, with full participation by all USF Libraries faculty and staff, the mission, vision, and values statements adopted in 2012 have been revised to reflect the currently shared perspective.

MISSION:

The USF Libraries inspire research, creativity, and learning by connecting the USF community to relevant and high-quality information.

VISION:

The USF Libraries envision being the center of a highly engaged University community driven to produce high-impact research and to nourish creativity.

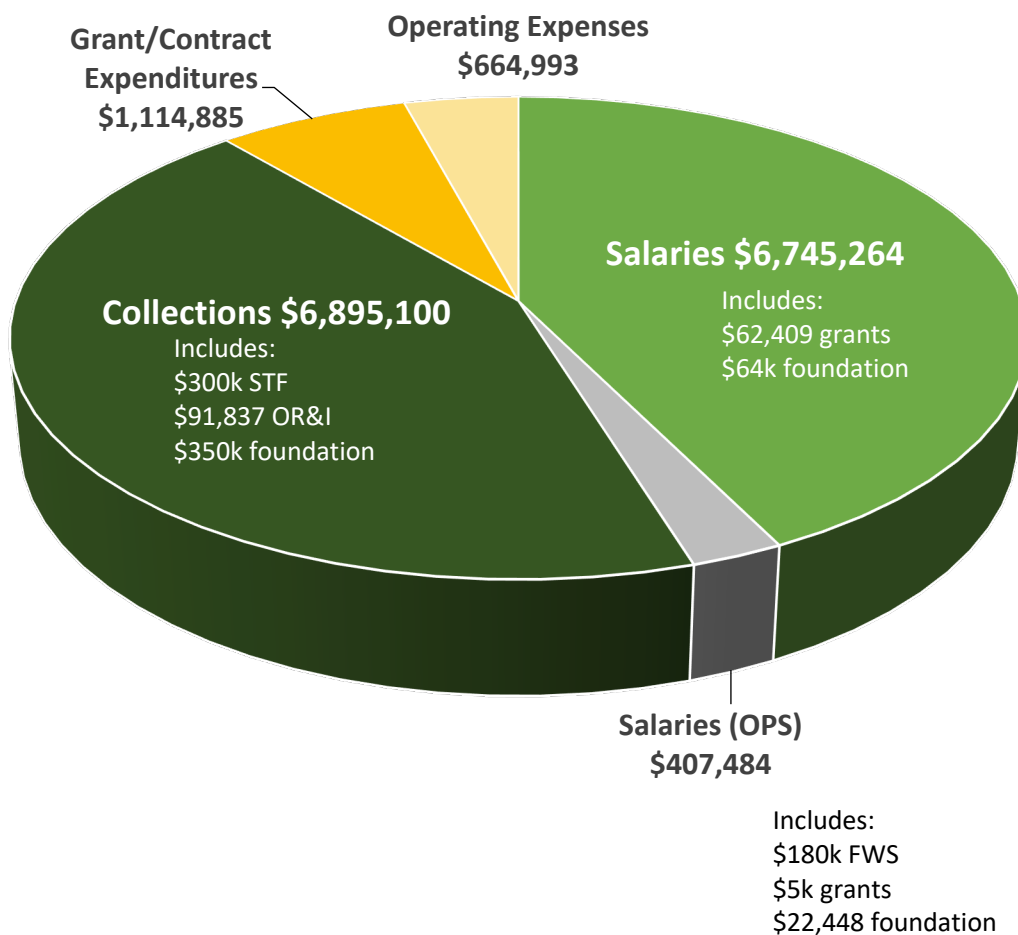
VALUES:

- Discovery – of information using tools that satisfy intellectual curiosity and promote innovation in research and teaching
- Creativity – in an inclusive environment with freedom and resources to work toward a vision of the future
- Connection – with the tools necessary to share the results of research with both the local community and the world, and to measure its impact

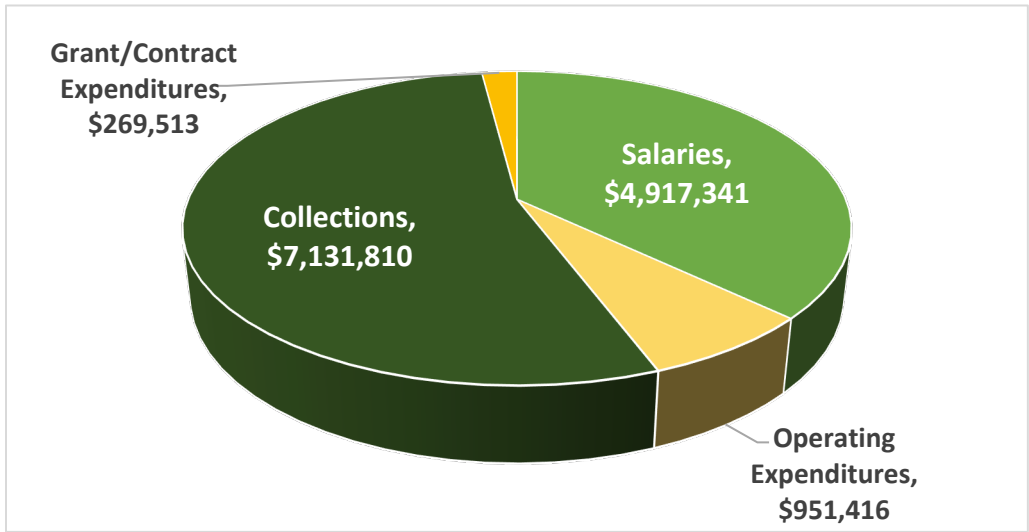
Financial Overview

Through judicious use of foundation accounts and growth in grant/contract expenditures, projected expenditures for 2017-18 exceed E&G allocations by \$1,618,742. Increased expenditures to support strategic directions are essential in developing a collection/service profile consistent with ARL membership.

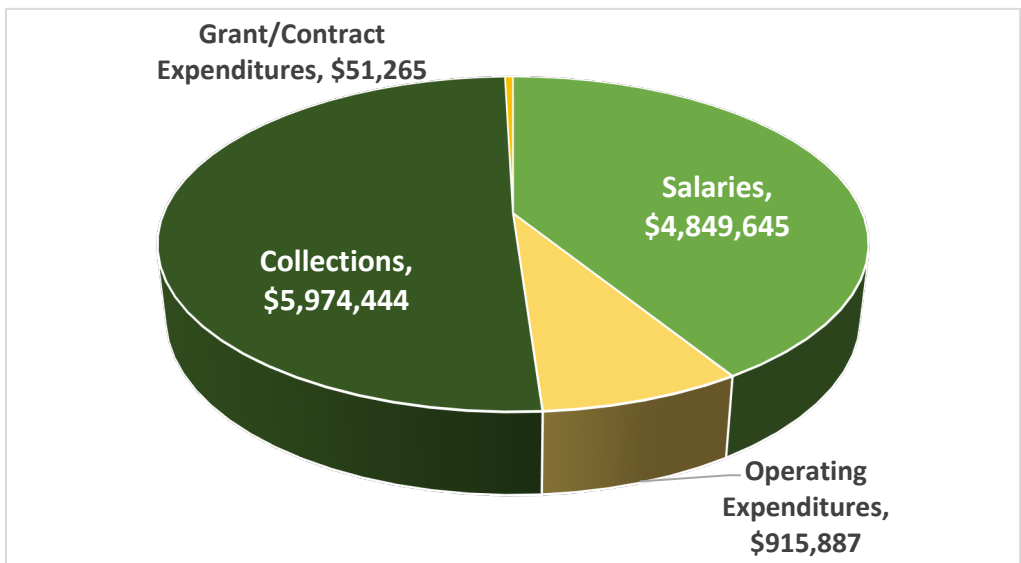
Projected Expenditures (All Sources), 2017-18 \$15,827,726



Total Expenditures, 2016-17

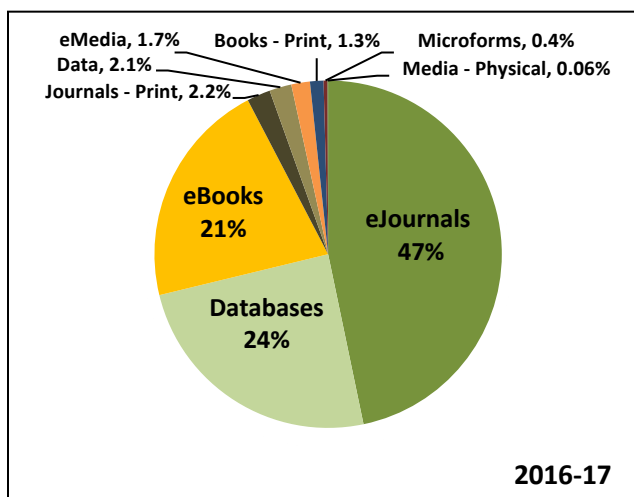
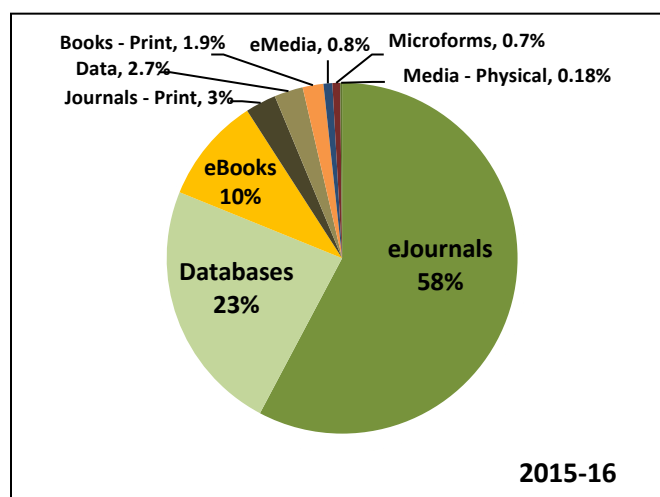
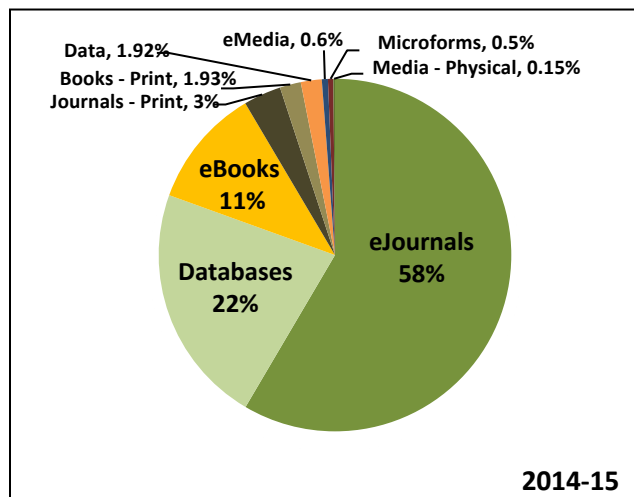
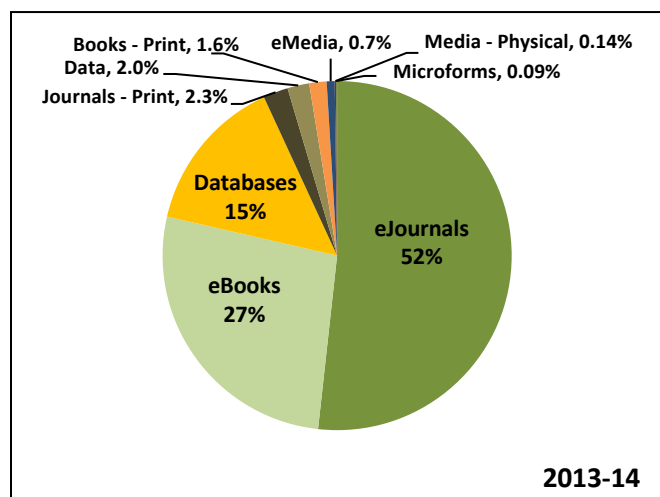


Total Expenditures, 2015-16



Breakdown of Library Materials Expenditures

The following charts reflect the distribution of library materials expenditures by format for the period of 2013-14 through 2016-17.



Based on an examination of the period of 2013-14 to 2016-17 of library materials expenditures, 81 percent of the library's annual materials budget is used to continue subscriptions to databases, journals, data packages, microforms, and e-media. The remaining 19 percent of the budget is used to acquire monographs (print and digital) and physical media. The distribution of expenditures is an obstacle to strategic acquisition of materials that can serve as collections of distinction and to build-out or establish new collections to support emerging areas of research.

Significant Accomplishments

The following is a select list of the significant accomplishments in the USF Libraries to date.

Student Success:

1. With the use of CTIF funds and student design input, the renovation of the Library's 5th floor was completed. There are 418 seats each with individual task lighting and power and the introduction of a graduate student reading room.
2. Informed by a series of undergraduate, graduate, faculty and staff focus groups, the Library's main webpage was redesigned and launched.
3. Developed a Digital Badging Program, comprised of workshops on Adobe Creative Suite products (Photoshop, Illustrator, InDesign) positioning students to become Adobe certified. Of the eight workshops, attended by 188 students, 74 bronze and silver badges were awarded.
4. A successful means to engage students with the Library's significant collections is a structured research experience. Matt Knight, Assistant Librarian, taught HIS 3938 "The Irish in America" and co-taught HIS 4936 "Irish Rebels and Revolutionaries," utilizing collections in assignments and oral histories with local community members. Melanie Griffin, Associate Librarian, developed and taught a study abroad course on children's literature, children's literature libraries and special collections, and children's literature museums in England, Northern Ireland, and Ireland, introducing students to the study of children's literature and the use of special collections for that study.
5. Internships in Special Collections were made available to English (2) and History (5) majors interested in pursuing careers in librarianship. Interns completed projects in areas such as processing collections, cataloging, transcribing archival documents, exhibition curations, and public services.
6. Developed and presented USF Unmanned Aircraft System (Drone) Operations Symposium, September 22, 2017. The open seminar event, attended by 33 students and faculty, discussed the proper operational procedures (USF and FAA) for drone use on and off campus, USF Export Control requirements, how to obtain a license to fly, notifications, records, and flight plan instructions. Symposium was videotaped and is available online.
7. Created and implemented 3D and immersive content for the DMC's VR Studio- now operational. The Studio was highlighted on FOX National News, examining the Pasco County sinkhole 3D model.

8. Collaborated with the College of Nursing to reduce the average SCH cost of a textbook from \$62.51 to \$34.91. The model is currently being employed by the Muma College of Business.
9. TAP participated in the success of “Finish in Four” by identifying and purchasing textbooks and materials needed by students.
10. The first “USF Textbook Affordability Project HerdFunder” was launched March 1 through April 30, 2018. As of April 13, 26 percent of the \$10,000 has been raised.

Research Support:

1. Collaborating with the Writing Studio and the Graduate School the “Dissertation Forum” mini-conference was conducted for 65 dissertators. In addition to information on resources and services available in dissertation completion, workshops on stress and time management, writing strategies, and ETD formatting were provided.
2. Acquired the expertise required for faculty to contextualize their research data in Library collections. This was accomplished by reallocating personnel resources including the addition of a Digital Graphics Designer.
3. Developed tools to further advance the Library’s scholarly communications efforts, including [Scholarly Communication Research Lifecycle](#), [Getting Started with Copyright](#) video, and a LibGuide discussing predatory publishers.
4. Provided data management support for the [Center for Integrated Modeling and Analysis of Gulf Ecosystems](#) (C-IMAGE), a research consortium of 19 U.S. and international partners focused on effects of oil spills on marine environments. The USF Libraries, as data management partners, assists with uploading and maintaining data throughout the research cycles. In addition, the USF Libraries coordinates CIMAGE researchers and GOMRI compliance with data management requirements.
5. Continued to launch new 3D collections, including [Archaeology in St. Petersburg Parks](#) and [Pasco County Sinkhole, Saxon Lake, Florida](#), both originating with DHHC research.
6. The DHHC entered into its’ first international Agreement for Collaboration with the University of the Basque Country (Spain) establishing a process to develop co-operative education and research initiatives.
7. Created an online digital GIS/3D portal and drone mapping protocol, served through the USF Library, for the Pasco County Sinkhole disaster (part of the Library’s sinkhole digital

collection), and for Dr. Erin Kimmerle’s Forensic Field Applications, which included the development of paperless field methods for data capture and input.

8. Acquired and launched Scopus, the largest abstract and citation database of peer-reviewed literature with tools to track, analyze, and visualize research and SciVal which enables the visualization of research performance, benchmarking relative to peers, developing collaborative partnerships and analysis of research trends.
9. Established multiple evidenced-based ebook acquisition programs which provide access to hundreds of thousands of major ebook collections from academic publishers including Elsevier, Cambridge University Press, Oxford University Press and Partner Presses, John Wiley & Sons, Taylor & Francis (Routledge) and CRC Press, and Project Muse – a consortium of University Presses.
10. Working with the Environmental Lands Acquisition and Protection Program (ELAPP) an online exhibition highlighting their history and significance was developed, “ELAPP History Project – Story Map.” This collaboration was made possible by Jan Platt, friend of the library, generous donor, and a pillar of the local community.

Organizational Fitness:

1. To increase efficiencies of personnel resources and workflow processes, fiscal units throughout the Libraries were merged.
2. Increased efficiencies were realized with merging the Digital Media Commons service desk with the Library Services Desk operations, allowing for the integration of circulating equipment with the library management system, ALEPH. In addition to streamlining check-in/out, it extends patron service hours.
3. A Task Force was charged to review and revise the Library’s mission, vision and value statement.

2017-18 Goal: Research Platform Teams

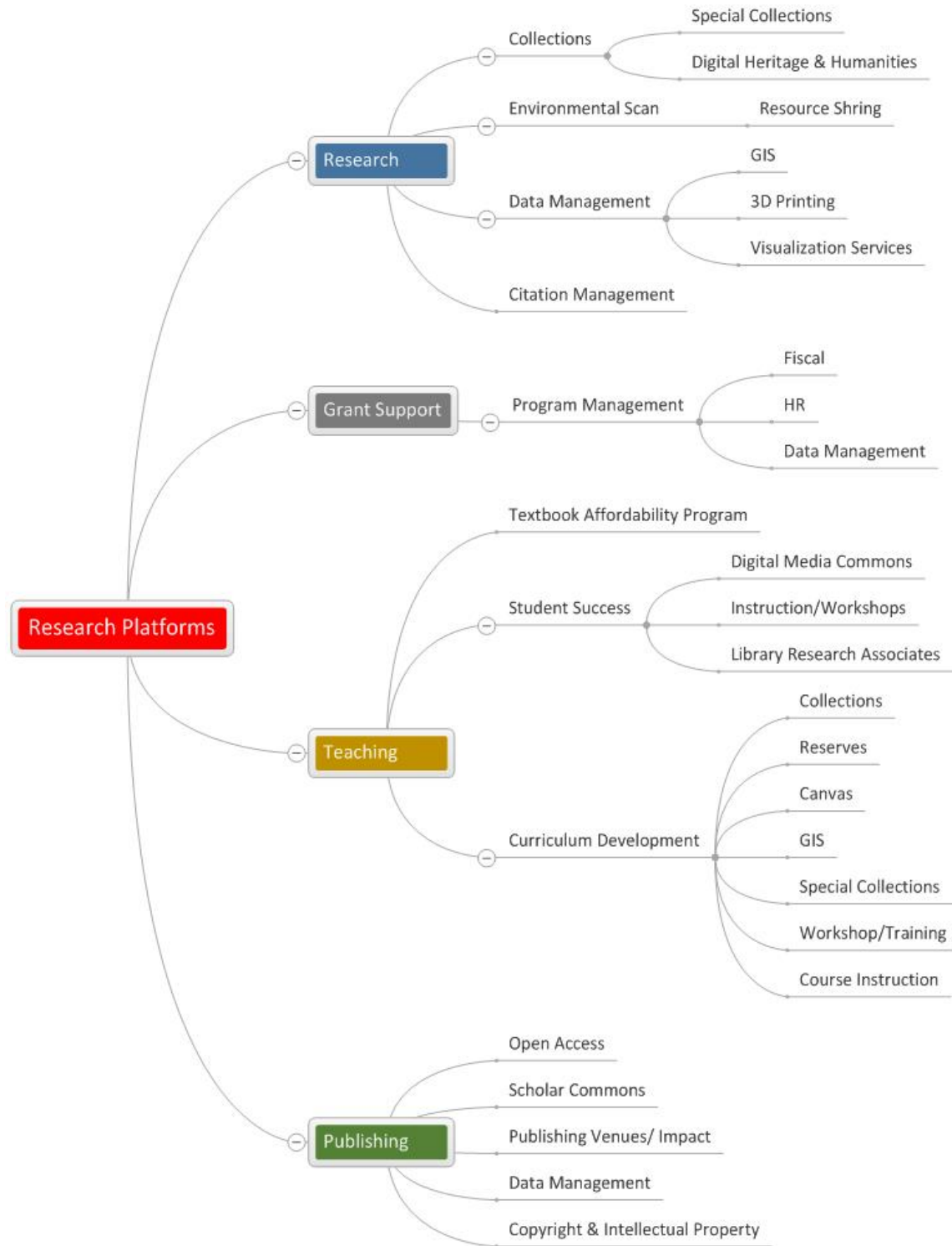
Academic libraries are in a period of rapid evolution. Technology, pedagogical shifts, programmatic changes, new and more sophisticated approaches to research production and impact means libraries must continually evaluate and adjust. Research and learning across institutions is becoming more team-based, crossing disciplines and dependent on increasingly complex and varied data.

In 2017-18 the USF Libraries launched the Research Platform Teams initiative. Librarian-led multi-disciplinary teams will transform collaboration into partnerships, enriching and expanding our vision of research. With their primary focus on faculty and graduate students, a comprehensive team approach will integrate expertise in library and information science with deep subject expertise, functional specialties and collections to establish strong research platforms for targeted disciplines. The synthesis of traditional librarianship with subject and functional expertise inspires creative new services, customized to individual research needs. It will encourage a broad view of research rather than thinking of collections, measuring research impact, copyright and intellectual property, grant support, data management, GIS and visualization services and others as separate initiatives.

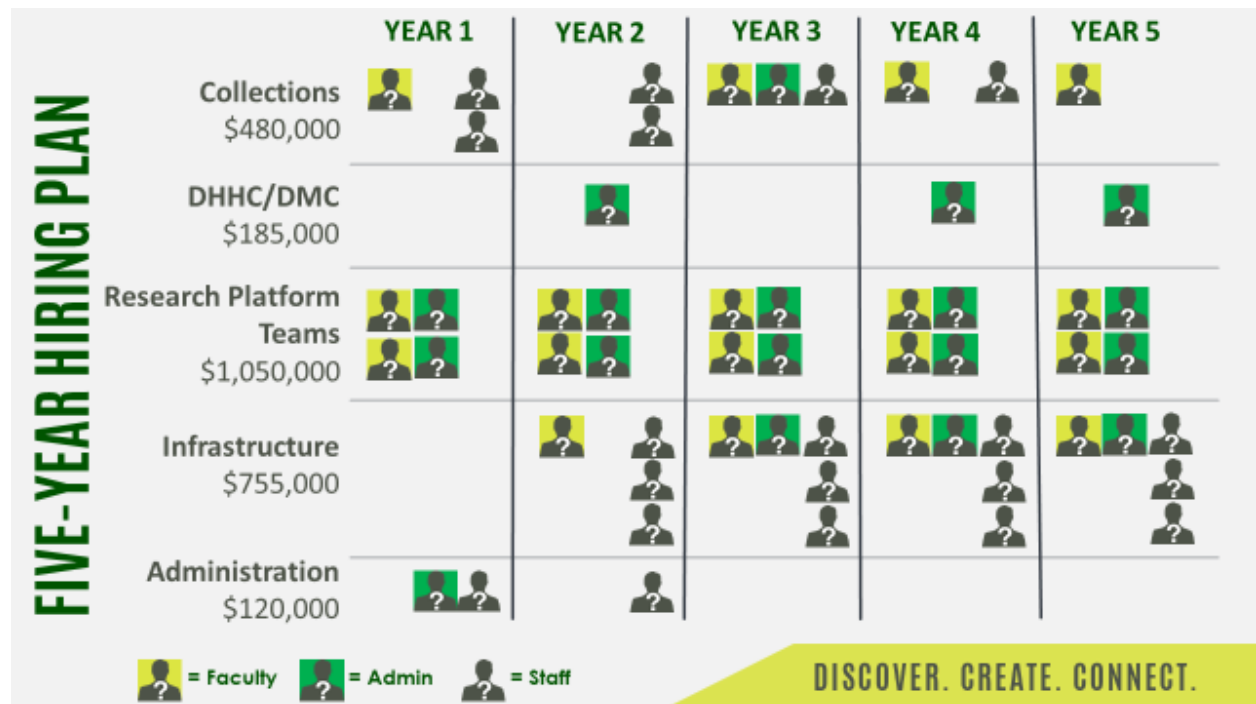
It is expected that the implementation of the Research Platform Teams program will transform most aspects of Library operations. The Research Platform Teams will complement our current Teaching & Learning program the focus of which is on undergraduate student success. The initial launch of the Research Platform program will draw upon existing talent utilizing subject expertise in innovative directions, specifically targeting the geosciences, history, and digital humanities/English. Subsequent areas of focus will be the result of a recruitment plan currently under development.

The following concept map provides a concise overview of the strategy.

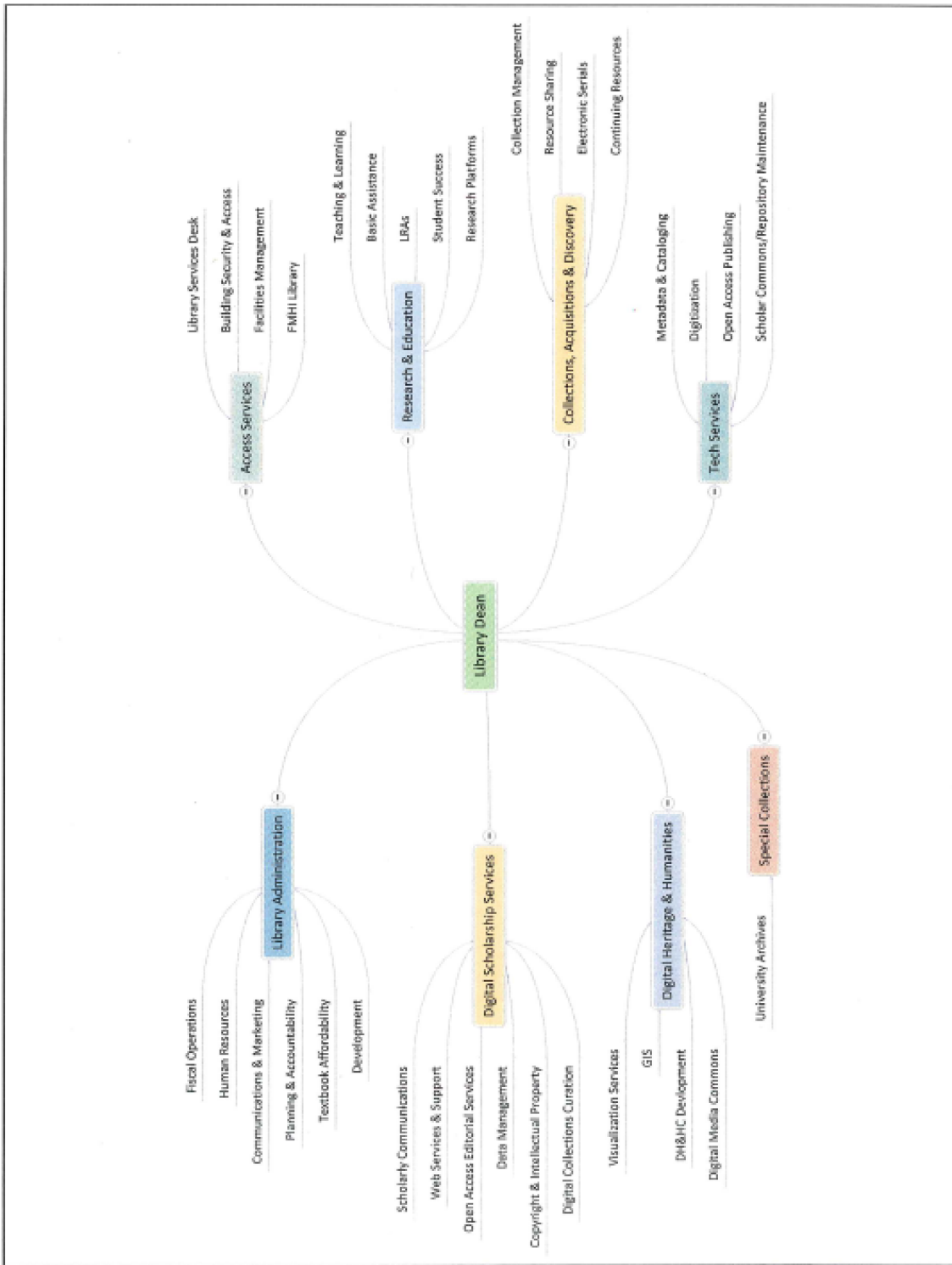
Research Platform Team Concept



Current and Proposed Hiring Plans

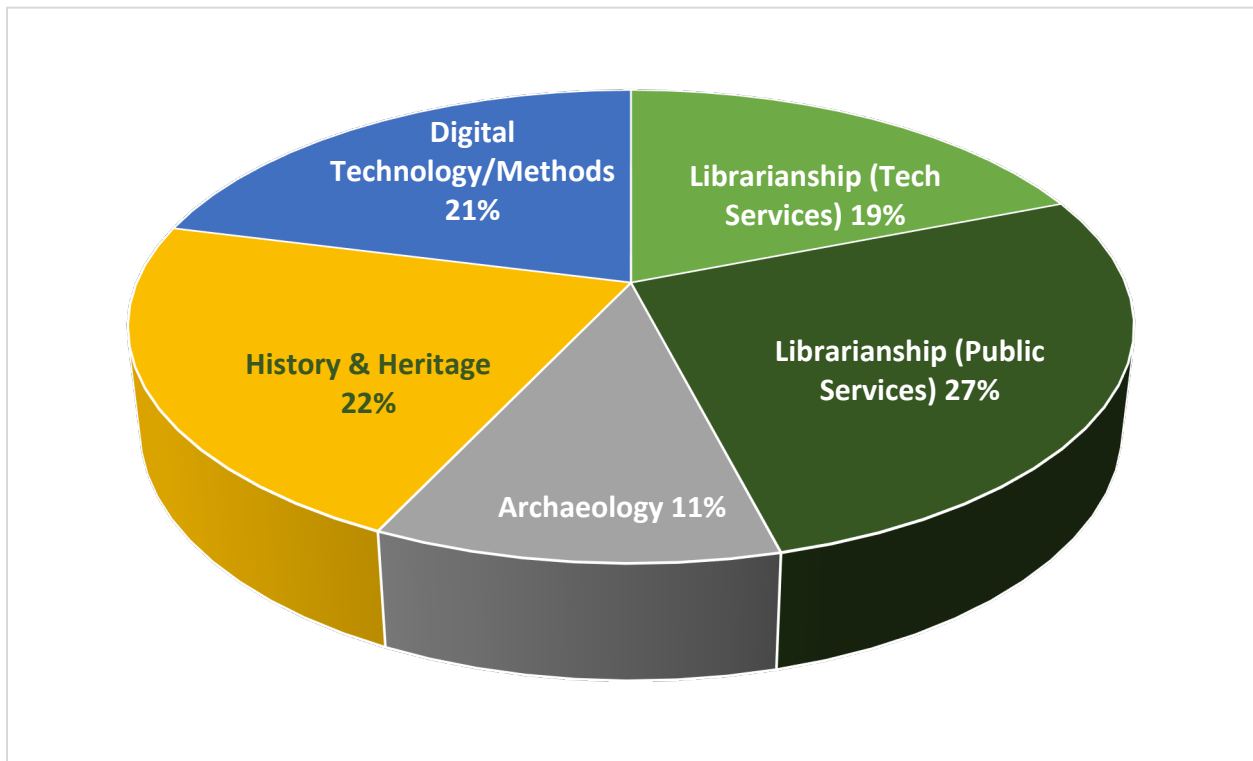


Future Organizational Structure



Research Productivity

Recognizing the importance of reputational enhancement for the USF Libraries' consistently innovative performance, additional emphasis was placed on support for faculty research. Providing additional professional development funding, establishing an internal mini-grant program, and designating increased research productivity as the basis for discretionary base salary increases yielded significant increases in publication and presentations.



Peer Reviewed Publications:

Articles

1. Abresch, J., Arnold, J., Cooke, R., Glatthaar, M., Goldman, J. Julian, R., and Plocharczyk, L. (2017). Unleash your mentoring power: The FLA Mentoring Pilot Program 2016- present. *Florida Libraries*, 60(2):10-12.
<https://2017charlestonconference.sched.com/event/CHnT/eba-in-practice-facilitating-evidence-driven-e-book-programs-in-both-consortium-and-individual-library-settings>
2. Ariew, S. (2017). Literary Reference Center Plus, *ccAdvisor*, Retrieved January 5, 2017 at: <http://www.ccadvisor.org/10.5260/CCA.199346>

3. Boczar, J. and Pascual, L. (2017). E-books for the Classroom and Open Access Textbooks: Two Ways to Help Students Save Money on Textbooks. *The Serials Librarian*, 72(1-4), 95-101. <https://doi.org/10.1080/0361526X.2017.1309830>
4. Collins, Lori. (2018). Terrestrial LiDAR. In *SAS Encyclopedia of Archaeological Sciences*. Wiley Publishing. Manuscript ID saseas0575.R2. In Press.
5. Doering, Travis. (2017). Mesoamerica in the Pre-Classic Period: Early, Middle, Late Formative. In *Encyclopedia of Global Archaeology*, Second Edition, edited by C. Smith. Springer, New York.
6. Fulkerson, D.M., Ariew, S.A., and Jacobson, T.E. (2017). Revisiting metacognition and metaliteracy; *ACRL Framework, Communications in Information Literacy* 11 (1), pp. 21-41, Retrieved July 2017
<http://www.comminfolit.org/index.php?journal=cil&page=article&op=view&path%5B%5D=v11i1p21>
7. Griffin, M., and Schmidt, L. (2017) Special Deliveries: Towards a Methodology for Generous Fulfillment of Special Collections Interlibrary Loan Requests. *Public Services Quarterly*. 13(4): 241-259 <https://dx.doi.org/10.1080/15228959.2017.1332499>
8. Griffin, Melanie and Taylor, Tomaro. (2017). Shifting Expectations: Revisiting Core Concepts of Academic Librarianship in Undergraduate Classes with a Digital Humanities Focus. *College & Undergraduate Libraries* 23.2/4 (2017): 452-466.
<https://doi.org/10.1080/10691316.2017.1325346>
9. Knight, Matthew. (2010). The Irish Republic: Reconstructing Liberty, Right Principles, and the Fenian Brotherhood. *Eire-Ireland*, vol. 52, nos. 3 and 4, Fall/Winter 2017. DOI: [10.1353/eir.2017.0029](http://dx.doi.org/10.1353/eir.2017.0029)
10. Mi, X., and Pollock, B. (2018). Metadata Schema to Facilitate Linked Data for 3D Digital Models of Cultural Heritage Collections: A University of South Florida Libraries Case Study. *Cataloging and Classification Quarterly*, 56(2-3).
<http://www.tandfonline.com/doi/full/10.1080/01639374.2017.1388894>
11. Permut, S., Robinson, D., McKenna, M. and Silver, S. (2017). Epilogue: Special Issue of the *ELPR Church-State Law in Public Educational Institutions*. *Education Law and Policy Review* 4, 118

Book Chapters:

1. Knight, Matthew. "From Gay Surfers to Old Lesbians Organizing for Change: Developing an LGBT Initiative at a State University in Florida." In *Queer Library Alliance: Global Reflections and Imaginings*, edited by Rae-Anne Montague and Lucas McKeever. Sacramento, CA: Litwin Books, 2017.

Conference Proceedings:

2. Boczar, J., and Pascual, L. (2017). E-books for the Classroom and Open Access Textbooks: Two Ways to Help Students Save Money on Textbooks. *Serials Librarian*, 72 (1-4), pp. 95-101. <http://dx.doi.org/10.1080/0361526X.2017.1309830>.
3. Boczar, J. and Veni, G. (2017). Linked Data, The Semantic Web, And The Karst Information Portal. In Moore K., White S. (Eds), *Proceedings of the 17th International Congress of Speleology, July 22-28*. Sydney, NSW Australia.
4. Doering, Travis, Collins, Lori, Schwadron, Margo, and Wild, Ken. (2017). 3D Digital Documentation and Analysis of the Reef Bay Valley Petroglyphs, St. John, U.S. Virgin Islands National Park. *3D Digital Documentation Summit Proceedings*, New Orleans, LA. April 18-20, 2017.
5. Powers, Audrey, Silver, Susan, and Torrence, Matt. (2017) Stay Calm and Cover Your Assessment: Creating a Culture of Assessment on a Shoestring *Proceedings of the 2016 Charleston Library Conference* (2017): http://works.bepress.com/matt_torrence/41/
6. Wood, Nora and Melanie Griffin. (2017). Liaison Librarians in the Know: Methods for Discovering Faculty and Teaching Needs." *Proceedings from the 2016 Charleston Library Conference*. <https://doi.org/10.5703/1288284316466>

Invited Presentations:

1. Carreno, A., Metz-Wiseman, M., and Morris, J. (2017, November). *How Libraries Can Serve a Critical Role in Addressing Student Affordability, Equity of Access, and Improved Learning Outcomes*. Paper presented at the Charleston Conference, Charleston, SC.
2. Collins, Lori (2018). *Heritage at Risk: How 3D and imaging tools are helping managers and researchers better preserve, protect, and interpret the Castillo de San Marcos and Fort Matanzas*. Keynote for the Florida Archaeology Month Presentation to the St. Augustine Archaeological Association.

3. Collins, Lori (2017). *USF Libraries use of 3D and imaging technologies to document heritage sites, landscapes, and objects, and creating innovative digital learning tools*. SuperFAM, December 4, 2017.
4. Collins, Lori and Doering, Travis. (2017). *Preserving Our Nation's Space History: Historic Landmark 3D Preservation at Cape Canaveral Air Force Station, Florida*. Preservation Reinvented for Art & Enterprise at the Florida Trust for Historic Preservation 39th Annual Conference. St. Petersburg, FL.
5. Collins, Lori and Doering, Travis. (2017). *Leveraging 3D in Libraries*. VIP: The SHIFT. Paraprofessional Conference University of South Florida, Tampa.
6. Collins, Lori and Doering, Travis. (2017). *Heritage Management and Digital Collections Development Using 3D and Imaging Approaches*. SPAR 3D Expo and International Conference 2017, April 3-5. Houston, TX.
7. Collins, Lori and Doering, Travis. (2017). *Beyond Hype and Promise: Digital Heritage Strategies in Our Nation's Parks for Preservation, 3D Learning, Outreach, and Education*. National Center for Preservation Technology and Training (NCPTT) Summit on Digital Preservation, April 18-20. New Orleans, LA.
8. Collins, Lori and Doering Travis. (2017). *Preserving Our Nation's Space History: Historic Landmark 3D Preservation at Cape Canaveral Air Force Station, Florida*. Florida Trust for Historic Preservation 39th Annual Conference, Preservation Reinvented for Art & Enterprise. St. Petersburg, Florida, May 18-20, 2017.
9. Davis, Carol Ann, and Boczar, Jason. (2017). *Something Old, Something New, Something Bold, Something Cool: A Marriage of Two Repositories*. NASIG 2017 Annual Conference, Indianapolis, June 10, 2017.
10. Davis, Carol Ann, Robertson, Wendy C., Simser, and Charlene N., (2017). *Navigating the Political Waters of Open Access Publishing in Libraries*. NASIG 2017 Annual Conference, Indianapolis, June 10, 2017.
11. Davis, Carol Ann, Wesolek, Andrew, and Meetz, Johanna. (2017). *The Library as Publisher, Part 1: Growing a Library Publishing Operation: Some Tips and Tools* (webinar). March 7, 2018. NISO webinar in partnership with NASIG.
12. Doering, Travis and Collins, Lori. (2018). *The History and Digital Documentation of the Medieval Haghpat Monastery Complex in Armenia*. 21st Biennial New College Conference on Medieval & Renaissance Studies, Sarasota, Florida.
13. Doering, Travis and Collins, Lori. (2018). *The Haghpat Monastery Complex Lori Province, Armenia*. Reading the Natural World: Perceptions of the Environment and Ecology in the

Global Middle Ages & Renaissance. 24th Annual ACMRS Interdisciplinary Conference, Phoenix, Arizona.

14. Doering, Travis and Collins, Lori. (2017). *3D Digital Documentation and Analysis of the Reef Bay Valley Petroglyphs, St. John, U.S. Virgin Islands National Park*. National Center for Preservation Technology and Training (NCPTT) Summit on Digital Preservation, April 18-20. New Orleans, LA.
15. Griffin, Melanie. (2017). *Picturing the Witch: The Role of Illustration in Children's Fantasy*. Presentation at the International Conference for the Fantastic in the Arts, Orlando, FL, March 2017.
16. Huse, Andrew. (2017). *The Mann Act and the Fall of the Imperial Theater in Tampa*. Florida Conference of Historians.
17. Knight, Matthew. (2017). *From Irish Echo to Macalla Éireannach: The Evolution of the Official Journal of the Boston Philo-Celtic Society*, Harvard Celtic Colloquium, Cambridge, MA, October 2017.
18. Knight, Matthew. *Plays Written and Rewritten: Exploring Irish Drama in the Dion Boucicault Theatre Collection at USF*. American Conference for Irish Studies, Kansas City, MO, April 2017.
19. Knight, Matthew. (2017). *Union, Reconstruction, Dissolution, or Sworn Secrecy: The Fight for the Future of Fenianism in the Irish-American Press*, American Conference for Irish Studies, Kansas City, MO, April 2017.
20. Robinson, Tonian, Collins, Lori, Oliver-Cabrera, Talib, Doering, Travis, Eiliers, David, Wdowski, Shimon, Kiflu, H., Kruse, S., Gonzalez, Jorge, Speed, Garrett, McKenzie, Richard, Garcia, and Noelia Garcia. (2018). *Using multiple high-resolution surveying techniques to observe Sinkhole collapse in West Central Florida*. 2018 IEEE/PES Transmission and Distribution Conference and Exposition, Denver, CO.

Grant and Proposal Activity (\$2,622,593.00)

1. The Digital Heritage and Humanities Collections was awarded \$79,000 from the USF Foundation for four national and international projects: Multiscale 3D documentation of the Haghpats Monastery Complex, Armenia; 3D documentation of the Classic Period Quirigua Maya Stone Carvings, Guatemala; Tampa Bay History Center Artifact Documentation Project; and the Matosavank Monastery Project, Armenia.
2. The Digital Heritage and Humanities Collections was awarded \$537,168 from the United States Department of Defense for five ongoing projects: a) Cape Canaveral Air Force

Station (CCAFS) Five Year Monitoring Project of Historic Launch Complexes Year 2, b) Cape Canaveral Air Force Station (CCAFS) Five Year Monitoring Project of Historic Launch Complexes Year 3, c) CCAFS Archaeological Phase 1 Survey of Stinktown and d) LC37, CCAFS Archaeological Phase 1 Survey of LMUs 13 to 17, and e) CCAFS Historic Cemetery Project.

3. The Digital Heritage and Humanities Collections is funding two international archaeological documentation projects (\$26,000): a) Chalcatzingo, Morelos, Mexico Archaeological Documentation Project and b) the Cascajal Olmec Stone Sculpture Project, Veracruz, Mexico.
4. The Digital Heritage and Humanities Collections was awarded \$262,666 from the National Park Service, U.S. Department of the Interior. NPS projects range from historic artifact documentation, architectural, and site level 3D and geographical documentation (e.g., Castillo de San Marcos, St. Augustine; Everglades historic structures; historic Florida sugar mills; and natural and cultural resources in Congaree National Park).
5. The Digital Heritage and Humanities Collections was awarded \$126,699 from the City of St. Petersburg for several on-going cultural and natural resource projects, including the design and production of St. Petersburg Archaeological Park virtualizations for public outreach.
6. The Digital Heritage and Humanities Collections was awarded \$11,641 from the City of Orlando for the 3D documentation of historic Confederate Civil War era monuments.
7. The Digital Heritage and Humanities Collections was awarded \$20,000 from the EPA Brownfields Area-Wide Planning Grant (University Area Community) to establish a Geographic Information System database for grant project participant use.
8. Several Digital Heritage and Humanities Collections projects have been collaboratively conducted for faculty and graduate student dissertations and theses in the University of South Florida's School of Geosciences, Civil & Environmental Engineering Department, Public Health, Department of Anthropology, Department of History, and Department of Integrative Biology.
9. The Digital Heritage and Humanities Collections work at the Castillo de San Marcos and Fort Matanzas in St. Augustine, was selected by the Florida Public Archaeology Network for the Florida Archaeology Month poster. Florida Archaeology Month 2018 focuses on Heritage at Risk, highlighting some of the issues endangering Florida's cultural heritage and the many amazing efforts in its preservation.
10. Institute of Museum and Library (IMLS) Services Grant, \$326,6333, to create a national library 3D hub design was submitted, in collaboration with The Smithsonian Institution

X3D Project, Sketchfab, Inc., the Tampa Bay History Center and the Tampa Bay Library Consortium.

11. USF Technology Fee Grant (2018) for the Springer EBook Archive & Elsevier EBA, \$810,786.
12. USF Technology Fee Grant (2018) for the expansion of “Laptops for Students in the Library” program, \$130,000.
13. USF Technology Fee (2018) for the “Library Learning Labs Upgrade” resulting in a state-of-the-art learning environment, \$292,000.
14. Data Management for C-Image, Phase III (2018), \$63,352.
15. *Kaminaljuyu Stela 10 – Top 10 cultural heritage & history – week 2018 – 10*. Sketchfab selected. <https://sketchfab.com/nebulousflynn/collections/top-10-cultural-heritage-history-wk-2018-10>
16. St. Augustine/Castillo and Fort Matanzas projects: Cover feature for the Florida Archaeology Month poster, school curricular tools, and bookmark. March 1, 2018. <https://www.facebook.com/FPANnortheast/photos/pcb.1750554211650802/1750551158317774/?type=3&theater>
17. *Engraved powder horn with map*. 2017. Sketchfab staff selected 3D model. <https://sketchfab.com/models/9eee2dbf5e6844c5bba9eaa9cfd0fef4>

Awards & Honors:

1. Matt Knight, Assistant Librarian and Coordinator of Special Collections, was awarded the “Campus Partner of the Year” from the USF Office of Multicultural Affairs.
2. Claudia J. Dold, Assistant Librarian, received a Core Fulbright award to design and conduct a series of workshops on the development of research skills for faculty and students in the Palestinian Territories.
3. Sandra Law (ILL Lead) received the USF Employee of the Year Award for her outstanding service to the research community.
4. Monica Metz-Wiseman received the Provost Award for Student Success, the highest award bestowed for exemplary performance to USF’s Student Success efforts, for her leadership in textbook affordability.

Press Coverage of Select Research Projects:

Ponte Vedra Beach Shipwreck:

Archaeologists using tech to study ship in Ponte Vedra Beach. March 31, 2018. First Coast News; <https://www.youtube.com/watch?v=J6ID72NGV5Q&feature=youtu.be>

Centuries old ship washes ashore in St. Johns County. March 31, 2018. Fox 13, Tampa, FL. <http://www.fox13news.com/news/florida-news/centuries-old-ship-washes-ashore-in-st-johns-county>

Ponte Vedra Shipwreck. March 31, 2018. Beach 105.5FM, St. Augustine. <https://www.facebook.com/Beach1055/videos/1835529289798735/>

Ponte Vedra Beach Shipwreck draws large crowds. March 31, 2018. CBS Fox 30, Jacksonville, FL. <https://www.actionnewsjax.com/www.actionnewsjax.com/news/local/ponte-vedra-beach-shipwreck-draws-large-crowds/724897721>

Castillo de San Marcos Media and Events Coverage:

3-D imaging helps preserve St. Augustine historical sites. October 17, 2017. First Coast News, Jacksonville, FL. <http://www.firstcoastnews.com/mobile/article/news/local/st-augustine/3d-imaging-helps-preserve-st-augustine-historical-sites/77-484359151>

3D Imaging Helps preserve St. Augustine Historical Sites. October 18, 2017. Phys.org. <https://phys.org/news/2017-10-d-imaging-american-heritage-sites.html>

3-D imaging to help protect American heritage sites from hurricanes and natural disasters. October 19, 2017. Popular Archaeology, Vol. 24, Fall 2016. <http://popular-archaeology.com/issue/fall-2016/article/3-d-imaging-to-help-protect-american-heritage-sites-from-hurricanes-and-natural-disasters>

Irma Hurricane Canoe:

Wooden Canoe Discovered after hurricane. September 17, 2017. Huffpost. <https://skfb.ly/69oGD>

Huriash, Lisa J. *What Hurricane Irma brought ashore: A very old canoe, military property and a 'ghostship'.* October 1, 2017. Sun Sentinel – Orlando. <http://www.sun-sentinel.com/news/weather/hurricane/fl-reg-hurricane-washed-ashore-20170927-story.html>

Daley, Jason. *Canoe churned up by Irma may date to the 1600s.* October 10, 2017. Smithsonian.com. <https://www.smithsonianmag.com/smart-news/canoe-churned-irma-may-date-1600s-180965161/>

Land O Lakes Sinkhole:

Land O' Lakes homeowners still displaced following massive sinkhole as cleanup continues. July 25, 2017. NBC WFLA News Chanel 8. Hughes, Ryan reporting.

<http://www.wfla.com/news/pasco-county/land-o-lakes-homeowners-still-displaced-following-massive-sinkhole-as-cleanup-continues/995167422>

Studying Pasco sinkhole has personal, professional meaning for USF researcher. August 1, 2017. WUSF News. <http://wusfnews.wusf.usf.edu/post/studying-pasco-sinkhole-has-personal-professional-meaning-usf-researcher>

Collins, Lori. *Historic maps, drones tell story of Pasco sinkhole scene.* August 1, 2017. WUSF News. <https://www.youtube.com/watch?v=MHUEr89LUfY>

USF researchers using drones to understand massive Land O' Lakes sinkhole. August 2, 2017. NBC WFLA News Channel 8. Davis, Corey reporting. http://www.wfla.com/news/usf-researchers-using-drones-to-understand-massive-land-o-lakes-sinkhole_20180227105837471/994815011

More homes surrounding Pasco sinkhole condemned. August 7, 2017. Fox News 13, Tampa; Sowers, Lloyd reporting. <http://www.fox13news.com/news/local-news/more-homes-condemned-surrounding-pasco-sinkhole>

Massive Florida sinkhole threatens more homes. August 8, 2017. NBC TODAY; Sanders, Kerry reporting. <https://www.today.com/video/massive-florida-sinkhole-threatens-more-homes-1019764291780>

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Progress Toward ARL Membership

Membership in the Association of Research Libraries (ARL) is the focus of the USF Libraries' goals and objectives. Membership is granted to the *institution* in recognition of their libraries' contributions to the scholarly environment in several dimensions: breadth and quality of collections and services; leadership in the profession and across the institution; and innovation.

The institutional profile is another important component of the membership decision: ARL libraries support institutions emphasizing research and doctoral level graduate instruction. The process of attaining membership evaluates three primary criteria:

- similarity of the parent institution to ARL institutions;
- similarity of size as determined by a factor analysis of data describing the library's collections, staffing, and financial support; and
- collections of distinctions.

Why is ARL Membership Important to USF?

The excellence of the fraternity of ARL libraries positions the members to decide the future of the academy.

- Like Phi Beta Kappa membership, ARL membership is a common characteristic of AAU members and Florida's preeminent state research universities.
- Like Phi Beta Kappa membership, ARL membership enhances the institution's reputation and strengthens efforts to recruit world class faculty; the strongest candidates will certainly come from institutions that currently host ARL libraries.
- The ARL Collection/Service Profile = Quality + Relevance + Innovation + Capacity

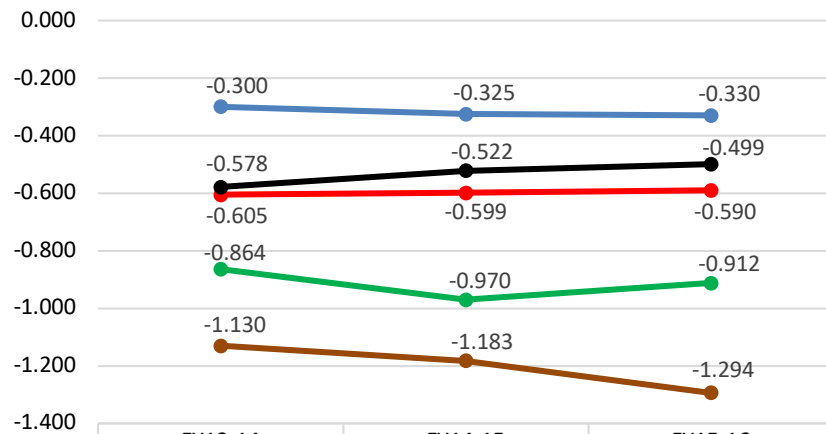
An ARL membership will strengthen the University of South Florida's efforts to attain a profile consistent with membership in the AAU. The following table lists 34 publicly-funded AAU institutions hosting ARL libraries. All thirteen of the institutions admitted to AAU prior to the 1932 establishment of ARL were immediately granted membership in the ARL. Of the 21 institutions admitted to membership in the AAU *after* the establishment of the ARL, only one (Pennsylvania State University) gained AAU membership before an ARL membership. This strongly suggests that institutional membership in the ARL contributes to an institution's potential for AAU membership.

AAU PUBLIC INSTITUTION	Established	ARL (1932)	AAU (1900)	
University of Michigan	1817	1932	1900	
University of Wisconsin–Madison	1848	1932	1900	
University of California, Berkeley	1868	1932	1900	
University of Virginia	1819	1932	1904	
University of Missouri	1839	1932	1908	
University of Minnesota	1851	1932	1908	
University of Illinois at Urbana–Champaign	1867	1932	1908	
Indiana University Bloomington	1820	1932	1909	
University of Iowa	1847	1932	1909	Before ARL
University of Kansas	1865	1932	1909	
Ohio State University	1870	1932	1916	
University of North Carolina at Chapel Hill	1789	1932	1922	
University of Texas at Austin	1883	1932	1929	
University of Washington	1861	1932	1950	After ARL
Pennsylvania State University	1855	1962	1958	
Iowa State University	1858	1932	1958	
Purdue University	1869	1956	1958	
Michigan State University	1855	1956	1964	
University of Colorado Boulder	1876	1964	1966	
University of Maryland, College Park	1856	1962	1969	
University of Oregon	1876	1962	1969	
University of Pittsburgh	1787	1962	1974	
University of California, Los Angeles	1919	1937	1974	
University of California, San Diego	1960	1973	1982	
University of Florida	1853	1956	1985	
University of Arizona	1885	1967	1985	
Rutgers University–New Brunswick	1766	1956	1989	
State University of New York at Buffalo	1846	1967	1989	
University of California, Santa Barbara	1944	1973	1995	
University of California, Davis	1905	1969	1996	
University of California, Irvine	1965	1981	1996	
Texas A&M University	1876	1962	2001	
Stony Brook University	1957	1975	2001	
Georgia Institute of Technology	1885	1983	2010	

The ARL Investment Index

The ARL Investment Index is used to benchmark the library’s fitness for a more comprehensive assessment of its qualification for ARL membership. The Investment Index is the gateway. As the 125th and most recent ARL member, Virginia Commonwealth University (VCU) has been added to the analysis.

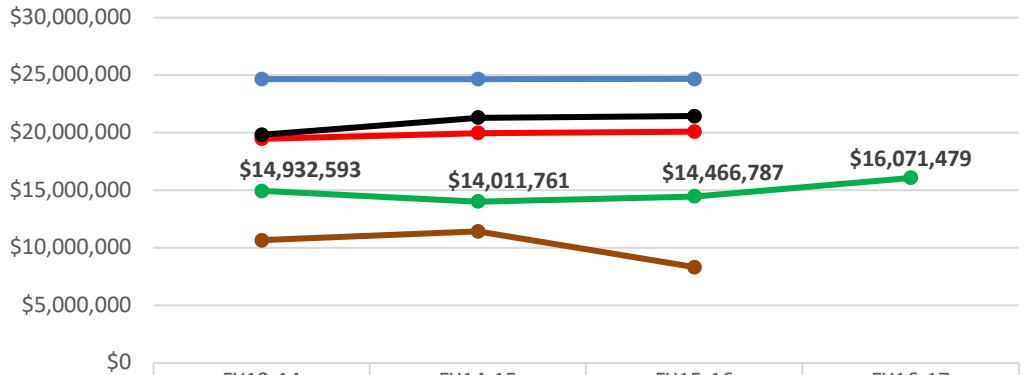
ARL Investment Index



	FY13-14	FY14-15	FY15-16
ARL Median	-0.300	-0.325	-0.330
Q1 = ARL Threshold	-0.605	-0.599	-0.590
Virginia Commonwealth University (VCU)	-0.578	-0.522	-0.499
USF	-0.864	-0.970	-0.912
Q0 = Low Value	-1.130	-1.183	-1.294

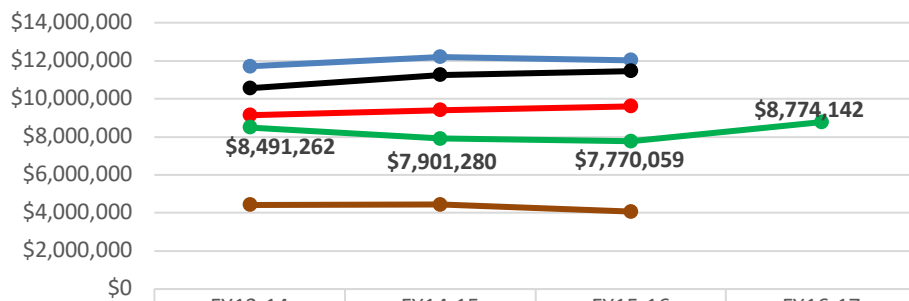
The Investment Index is derived through principal component analysis of four variables: total library expenditures, library materials expenditures, professional staff salaries, and professional and support staff FTE. The values for those variables for the ARL median, the Q1, VCU, USF, and the low value are contained in the following charts.

Total Library Expenditures



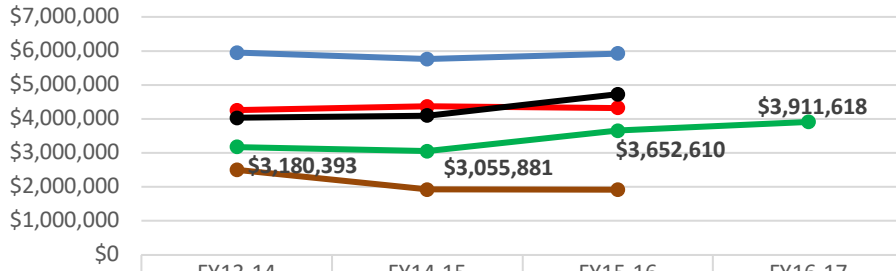
	FY13-14	FY14-15	FY15-16	FY16-17
ARL Median	\$24,659,123	\$24,654,357	\$24,656,393	
Q1 = ARL Threshold	\$19,472,130	\$19,981,849	\$20,097,195	
Virginia Commonwealth University (VCU)	\$19,824,154	\$21,301,069	\$21,454,196	
USF	\$14,932,593	\$14,011,761	\$14,466,787	\$16,071,479
Q0 = Low Value	\$10,665,380	\$11,433,426	\$8,333,150	

Library Materials Expenditures



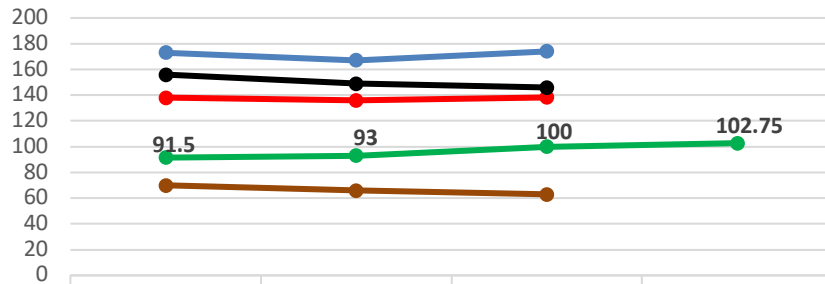
	FY13-14	FY14-15	FY15-16	FY16-17
ARL Median	\$11,708,485	\$12,194,050	\$12,027,529	
Q1 = ARL Threshold	\$9,136,404	\$9,413,172	\$9,599,637	
Virginia Commonwealth University (VCU)	\$10,555,280	\$11,247,651	\$11,451,792	
USF	\$8,491,262	\$7,901,280	\$7,770,059	\$8,774,142
Q0 = Low Value	\$4,424,542	\$4,445,835	\$4,072,356	

Professional Staff Salaries



	FY13-14	FY14-15	FY15-16	FY16-17
ARL Median	\$5,951,659	\$5,762,308	\$5,924,090	
Q1 = ARL Threshold	\$4,259,727	\$4,373,126	\$4,325,291	
Virginia Commonwealth University (VCU)	\$4,036,454	\$4,102,641	\$4,727,800	
USF	\$3,180,393	\$3,055,881	\$3,652,610	\$3,911,618
Q0 = Low Value	\$2,503,379	\$1,927,892	\$1,920,094	

Total Professional & Support Staff FTE



	FY13-14	FY14-15	FY15-16	FY16-17
ARL Median	173	167	174	
Q1 = ARL Threshold	138	136	138	
Virginia Commonwealth University (VCU)	156	149	146	
USF	91.5	93	100	102.75
Q0 = Low Value	70	66	63	

Select Rankings for the ARL Investment Index, 2015-16

All of the public AAU institutions listed in the “AAU Book” host ARL libraries. This table provides a rank order list of those institutions with their investment Index Score. Three exceptions, depicted in **red text**, include the Virginia Commonwealth University (VCU) and the institutions that border USF — Auburn and Louisiana State. VCU, Auburn, and Louisiana State are not AAU institutions. Auburn and Louisiana State were listed because they fall immediately before and after USF if we were admitted today. The University of Florida and Florida State University are shade for the reader’s convenience.

Rank Order	Institution Name	Index Score
3	MICHIGAN	2.4571
7	PENNSYLVANIA STATE	1.5996
8	CALIFORNIA, BERKELEY	1.5596
10	CALIFORNIA, LOS ANGELES	1.4488
12	TEXAS	1.2641
13	TEXAS A&M	1.0443
15	ILLINOIS, URBANA	0.9804
16	OHIO STATE	0.9572
20	WASHINGTON	0.7949
21	MINNESOTA	0.7875
23	VIRGINIA	0.6515
24	INDIANA	0.6463
25	NORTH CAROLINA	0.5303
26	RUTGERS	0.4759
29	MICHIGAN STATE	0.3310
30	IOWA	0.3223
32	WISCONSIN	0.2670
33	PITTSBURGH	0.1842
37	ARIZONA	0.0764
38	CALIFORNIA, SAN DIEGO	0.0451
39	FLORIDA	0.0449
43	PURDUE	-0.0658
44	MARYLAND	-0.0725
66	COLORADO	-0.4479
74	IOWA STATE	-0.4987
	VIRGINIA COMMONWEALTH UNIVERSITY (VCU)	-0.4991
77	CALIFORNIA, IRVINE	-0.5337
78	CALIFORNIA, DAVIS	-0.5405
79	SUNY-BUFFALO	-0.5433
80	FLORIDA STATE	-0.5460
86	KANSAS	-0.5909
90	OREGON	-0.6469
92	CALIFORNIA, SANTA BARBARA	-0.6687
96	MISSOURI	-0.7167
99	GEORGIA TECH	-0.7644
100	SUNY-STONY BROOK	-0.8049
105	AUBURN	-0.9122
	USF	-0.9123
106	LOUISIANA STATE	-0.9554

In the following tables, the lists focus on the “ARL Threshold” (Q1) value for each of the variables used to calculate the Investment Index. As in the case of the index score list, the institutions immediately bordering USF if we were to be admitted today are set off in red text. They are not public AAU Institutions.

The variable coefficient values are based on the 2015-16 formula (most recent available).

Total Library Expenditures		
39	FLORIDA	\$31,617,448
	VIRGINIA COMMONWEALTH UNIVERSITY (VCU)	\$21,454,196
80	FLORIDA STATE	\$20,599,073
92	CALIFORNIA, SANTA BARBARA	\$20,305,398
90	OREGON	\$19,760,899
96	MISSOURI	\$18,420,190
99	GEORGIA TECH	\$17,141,026
100	SUNY-STONY BROOK	\$15,616,048
103	CASE WESTERN RESERVE	\$14,843,510
	USF	\$14,466,787
105	AUBURN	\$14,396,353

Q1 = \$20,097,195

UF, FSU, and VCU are above the Q1 value for this variable but are included for context. Expenditures on library materials and salaries (variables 2 and 3 respectively) are added to the values in this variable.

Variable coefficient = 0.809

Library Materials Expenditures		
39	FLORIDA	\$13,762,452
	VIRGINIA COMMONWEALTH UNIVERSITY (VCU)	\$11,451,792
80	FLORIDA STATE	\$10,410,115
38	CALIFORNIA, SAN DIEGO	\$10,067,069
100	SUNY-STONY BROOK	\$9,120,709
99	GEORGIA TECH	\$9,044,584
96	MISSOURI	\$8,614,783
105	AUBURN	\$8,174,930
	USF	\$7,770,059
104	WATERLOO	\$7,567,201
92	CALIFORNIA, SANTA BARBARA	\$5,812,069

Q1 = \$9,599,637

UF, FSU, and VCU are above the Q1 value for this variable but are included for context.

Variable coefficient = 0.134

Professional Staff Salaries		
39	FLORIDA	\$6,315,540
80	FLORIDA STATE	\$5,724,348
	VIRGINIA COMMONWEALTH UNIVERSITY (VCU)	\$4,727,800
66	COLORADO	\$4,535,193
92	CALIFORNIA, SANTA BARBARA	\$4,040,168
110	GUELPH	\$3,720,922
	USF	\$3,652,610
98	NEBRASKA	\$3,600,582
99	GEORGIA TECH	\$3,478,323
96	MISSOURI	\$3,132,897

Q1 = \$4,325,291

UF, FSU, and VCU are above the Q1 value for this variable but are included for context.

Variable coefficient = 0.066

Professional & Support Staff FTE		
39	FLORIDA	280
92	CALIFORNIA, SANTA BARBARA	177
80	FLORIDA STATE	171
66	COLORADO	165
	VIRGINIA COMMONWEALTH UNIVERSITY (VCU)	146
96	MISSOURI	138
99	GEORGIA TECH	111
106	LOUISIANA STATE	105
	USF	100
108	CALIFORNIA, RIVERSIDE	93

Q1 = 138

UF, FSU, and VCU are above the Q1 value for this variable but are included for context.

Variable coefficient is not meaningful.