Unit: Academic Library Services

Part One: Accomplishments
In response to each item in part one, provide no more than five bulleted points and brief descriptions of accomplishments.

1. **Teaching**: Summarize unit highlights in teaching during the reporting period. Indicate how these achievements support the unit’s goals and objectives for the academic year.

   - ALS used innovative learning strategies and delivery methods to expand access to library resources, services, and programming that support academic success. The unit:
     - Delivered course-related library managed learning resources that supported student success while reducing students’ expense for course materials through the course-adopted text program, the alternative textbook program, and borrowing textbooks through interlibrary loan (see Unit Strategic Plan Update for more details).
     - Deployed the new Blacklight online catalog.
     - Provided the “Library and Faculty Instructional Partnerships for Student Success” presentation (preparing students with the information literacy and critical thinking skills needed to succeed in a multicultural and global environment), which was viewed on Slideshare 750 times.
     - Improved process by which faculty request streaming media purchases/licenses for class use as an alternative to students purchasing or renting the films and increased funding for this program, resulting in the purchase of 40 films from Kanopy and 66 films from Swank. The Kanopy films received 2,378 plays and a total of 61,893 minutes of viewing at a cost of $0.41 per play. The Swank films had a total of 4,972 views, or an average of more than 75 views per film at a cost per view of $0.99.
     - Increased the number of faculty/staff using office delivery services by 62%, the number of departments by 45%, and the number of items by 290%.
     - Increased the number of patrons using document delivery (provides scans from print and microforms collections) by 31%, the number of departments by 11%, and the number of documents by 38%.
     - Designed and implemented a new interface for the North Carolina Periodicals Index with advanced searching and sorting options. In the seven months since the new interface was implemented there has been a 68% increase in sessions and a 74% increase in users.
Expanded access to library resources, services and programming via social media. Instagram followers increased by 72%, Twitter followers by 18.6%, and Facebook followers by 13.6%.

Used the new ACRL Framework for Information Literacy in Higher Education to contextualize Joyner Library’s instructional services.

- ALS enhanced physical and virtual library spaces that facilitate the discovery and production of knowledge. The unit:
  - Celebrated the one millionth visitor to Joyner Library in June. This was the first time the Joyner annual gate count exceeded one million. Joyner’s final gate count was 1,035,901 for the year, while the Music Library gate count was 66,051.
  - Renovated one instruction room and one conference room; deployed MediaSite in two instruction rooms and one conference room to capture video.
  - Moved education books from the Teaching Resources Center (TRC) to the general stacks and repurposed space for additional computers and study areas.
  - Transferred more than 3,000 Nutrition materials to Laupus Library following the relocation of the Department of Nutrition Science to the College of Allied Health Sciences.
  - Introduced public 3D printing as a service provided in the TRC.
  - Improved portions of the library website, including the Special Collections and TRC landing pages, and Records Management, Giving, Friends of the Library, and Employment Opportunities web pages.
  - Began using BLUEcloud MobileCirc for offsite patron registration as well as for inventory.
  - Deployed the OpenSeaDragon viewer for digital collections. Improvements associated with this viewer include image rotation, retaining zoom level while paging, and downloading an image of the current view.

- ALS responsibly developed, managed, and preserved physical and digital collections that support University curricula and research priorities and that document the heritage and history of the University and region. It communicated and increased support for the creation, discovery, sharing, and preservation of the University’s research, engaged scholarship, and creative activity. The unit:
  - Acquired a number of outstanding resources for the North Carolina Collection including
    - Memoir of the late Rev. Lemuel Covell, missionary to the Tuscarora Indians and the province of Upper Canada (1839)
    - Original edition of Extracts of letters of Major-General Bryan Grimes, to his wife.
    - Original edition of Hagar the Martyr; or, Passion and Reality, A Tale of the North and South (1855)
Nine editions of North Carolina session laws published from 1799 through 1816

More than 200 novels and literary journals, about two dozen broadsides and a collection of woven bookmarks (gift from area artist and former book store operator, Barbara Billingsley).

- Acquired a number of collections for Manuscripts & Rare Books including
  - 44th Massachusetts Vol. Reg., Co. I, Private’s Papers (Civil War diary and correspondence written by an unknown soldier camped at Readville, Newberne (now New Bern), Brice’s Creek, Arlington Heights (VA), and Fort Delaware (DE))
  - Rhaford Lanier and 31st Reg. of North Carolina Militia Record Book
  - Henry Berry Lowrie Papers (relating to the Lowrie or Lowry gang based in Robeson County during and after the Civil War) – these papers were acquired for immediate use by an English class
  - Lucius W. Johnson Papers (unpublished autobiography, scrapbooks and personal papers of Rear Admiral Johnson (1882-1968))
  - Dilettante Book Club Records (founded in 1961 by members of the East Carolina College Faculty Wives Club)
  - Red Banks Primitive Baptist Church Records
  - Charles J. O’Hagan (1821-1900) Papers (Confederate Army surgeon, Greenville physician, mayor and commissioner)
  - Rebecca T. Jamieson Letter (missionary in Northern India, letter written February 17, 1841)
  - General Frank A. Armstrong Diary (written in 1941, firsthand accounts of the German Air Blitz in England)

- Collaborated with Laupus Library to complete the LSTA Project Access and Digitization grant ($59,200) by converting collections guides for the Laupus History Collections and the Country Doctor Museum from Word documents and Excel spreadsheets to encoded online archival description finding aids; digitized more than 200 items and made them available in the ECU Libraries Digital Collections.

- Added new e-journal backfiles, e-book series, and other electronic resources including
  - Adam Matthew’s American History 1493-1945
  - AMS Contemporary Mathematics Backfiles
  - Digital National Security Archive
  - Garland Encyclopedia of World Music
  - GeoScience World ebooks
  - JSTOR Arts & Sciences XV
  - Oxford Archaeology Handbooks update
  - Periodical Archives Online 9 & 10
  - Sage Deep Backfile update
  - Women’s Wear Daily Archive
o Upgraded The ScholarShip institutional repository to a new version of DSpace and launched a new landing page and submission process. Since the upgrade, 3,007 papers have been downloaded; item level views and overall page views increased compared to the previous year. 698 items were submitted to the IR, a 50% increase over the previous year. ECU patents and articles published in PubMed Central were added to the IR.

o Customized a version of Vireo for Honors College Senior Projects, created a guide, and included instructions in the Senior Honors Project Manual. The submission was successfully piloted during fall semester and used to submit 71 papers in the spring. Vireo allows mentors to review and approve the paper and embargo/access terms.

o Added 187 faculty profiles to ECU’s VIVO instance and increased faculty publication information by approximately 9,000 items.

o Provided professional development sessions and resources for faculty on using SPIN (with Laupus), copyright and fair use, evaluating publishers, publication impact, data management, embedding and streaming videos, and open education resources.

o Co-sponsored the second annual DISSH Symposium and participated as moderators, hosts and speakers. Also sponsored other events featuring faculty involved with digital scholarship. Two EHRA are members of the DISSH Advisory Council, another administers the DISSH listserv. Several librarians met with faculty to discuss possible digital scholarship collaborations. ALS continued to support the NC Coastal Atlas.

o Recognized ECU faculty in the Division of Academic Affairs who published a book during 2014-15 at a ceremony during which each was presented a medallion and certificate.

o Digitized all back issues of North Carolina Libraries and added them to the Digital Collections repository and the North Carolina Libraries website; also added 2,500 Daily Reflector negative collection sleeve images and ten ECU football films to Digital Collections. In total, 24,369 images were digitized along with 216 cassettes, 162 open reels and 82 films. There were 474,583 page views of Digital Collections materials.

o Completed the National Historic Publications & Records Commission grant ($56,290) that funded processing the Institute of Outdoor Theatre records, creating an online finding aid, and digitizing selected items.

o Administered the Open Access Publishing Support fund. Fifteen articles from ten departments were funded.

o Facilitated ECU visit by the Director of the Office of Scholarly Publishing Services of the UNC Press and discussed library partnership in several publishing projects.

o Exceeded cataloging goals for nearly every category of material.

o Cataloged 6,000 CDs in the TomtheJazzman Mallison collection and processed 10,000 CDs in this collection.

o Cataloged 259 electronic theses and dissertations and added records to Symphony.
• Performed 18,469 preservation/conservation treatments on 1,420 general collection items, 314 rare/special collections items, and more than 25,000 documents in the manuscripts collections.

- ALS provided the University community and residents of eastern North Carolina and beyond with diverse cultural opportunities that improved quality of life.
  - Physical exhibitions included the School of Art & Design Alumni Show, Mi-Sook Hur: Feather Trace, Humans of Greenville, The People’s Theatre: The Institute of Outdoor Theatre and North Carolina Productions, Rip Van Winkle No More: North Carolina in the 1840s, New Acquisitions in the Langford North Carolina Collection, Graduate Student Art Exhibition, 100 Years of Basketball at East Carolina, East Carolina Residence Halls, ECU Mascots, Instagram Photo exhibit, Study Abroad in Russia, 3D printing, Objects for Deployment (Veterans Book Project), items from the ECU African Art Collection, rotating Audubon prints, and Preservation/Conservation and Music Library highlights.
  - Notable exhibits in the TRC included Music in Our Schools, Women in History, African-American History, and LGBT books for children, as well as student work by students in Pitt County K-12 schools, St. Peter Catholic Church, and the Greenville Chinese School.
  - University Archives assisted with multiple celebrations of diversity on campus. Members of the department installed a permanent exhibit on campus diversity initiatives in the Bloxton House and provided images, materials and advice on displays and interpretive labels for the School of Dental Medicine’s “Multi-Cultural Celebration of Students.”
  - University Archives hosted a Purple Glove event for the Golden Alumni Class of ’66 featuring materials from the class’s years at ECU.

- ALS continued to take steps to achieve maximum efficiency while maintaining the quality of core services, often in collaboration with Laupus Library. Activities included:
Changed from proxy card to OneCard control for accessing the building and internal spaces.

- Analyzed information architecture for Joyner and Laupus websites and made changes to web pages to increase consistency.
- Streamlined invoicing for electronic and print continuing resources by implementing EDI invoicing with Ebsco, our largest serials vendor.
- Joyner and Laupus personnel jointly administered the Summon discovery system, the CORAL electronic resources management system, and Serials Solutions products. The libraries improved workflows by adding all resource records to CORAL and improved service by implementing Summon 2.0 and adding Altmetrics to Summon.
- Analyzed return on investment for demand driven acquisitions and streaming video plans.
- Assessed manuscripts collections, set priorities for processing and digitization, and identified collections appropriate for offsite storage.
- Engaged a consultant to compete a preservation site survey and began implementing his recommendations.
- Revised the Music Library renovation plan when bids came in 50% higher than anticipated by ECU Facilities Services and were able to retain the key components of the original plan.
- Assessed need for and purchased security cameras for three additional locations (West Wing, Circulation, Loading Dock).
- Private donor support for ALS was approximately $193,000 in monetary gifts and gifts-in-kind during the period July 1, 2015-June 30, 2016.

2015-2016 ALS Statistics (preliminary)

| Visitor count | 1,101,952 |
| Hours open per week | 142 |
| Instruction sessions | 610 |
| Participants in instruction sessions | 13,427 |
| Reference transactions | 25,924 |
| Scheduled consultations | 1,139 |
| Uses of research guides | 108,076 |
| Group study room reservations | 77,844 |
| Items circulated | 80,434 |
| Items loaned to other libraries | 12,849 |
| Items borrowed from other libraries | 4,764 |
| Equipment checked out | 34,904 |
| Unique logins to library computers | 36,108 |
| Databases | 455 |
| E-journals | 89,776 |
| Full text articles downloaded | 1,337,999 |
| Titles owned | 2,430,115 |
| Number of items in digital collections | 239,232 |
| Number of times digital items were accessed | 736,977 |
2. **Improvement of student learning**: Highlight 3-5 documented improvements in student learning/performance resulting from pedagogical or curriculum actions taken based on analysis of assessment results in your unit. Not applicable to Academic Library Services.

3. **Research/creative activity**: Summarize unit highlights in research/creative activity during the reporting period. Indicate how these accomplishments support the unit’s goals and objectives for the academic year.

   - Academic Library Services faculty and staff produced 8 peer-reviewed journal articles, 2 books, 2 book chapters, 7 book/database reviews, 3 columns, 2 conference proceedings, 28 conference presentations, and 8 additional external presentations. Much of the research activity helped achieve the unit’s goal to increase awareness and use of library collections and services. Selected research and creative activity furthered the unit’s goal to provide residents of eastern North Carolina with educational and cultural opportunities. These research activities also furthered the unit’s goal to engage in collaborations to share expertise and advance the profession of librarianship.
   - Two articles co-authored by faculty in 2015 were selected as top articles of the year by the ALA Library Instruction Round Table’s Top Twenty Committee.
   - Faculty published in three of the highest impact journals in the field: *College & Research Libraries*, *Library Resources & Technical Services*, and *Library Collections, Acquisitions, & Technical Services*.
   - Joyner secured more than $147,000 in new external grant funding in 2015/2016 and managed compliance and reporting on more than $74,000 in funding secured in the previous fiscal year. The grants supported the unit’s goals by increasing the accessibility of materials and delivering course-related materials while reducing students’ expenditures.

4. **Service**: Summarize unit highlights in service during the reporting period. Indicate how these accomplishments support the unit’s goals and objectives for the academic year.

   - According to a Sedona report, ALS faculty members served on 47 Faculty Senate and ECU administrative committees, and chaired 5. Staff members served on SHRA Assembly and several additional ECU committees.
   - 17 ALS faculty members served in leadership roles (chair, director, officer, board member) for national and state organizations.
   - Nearly every faculty and staff member served on a unit committee or task force.
   - Faculty members served on the editorial boards of numerous journals, including *Internet Reference Services Review, Journal of Business and Finance Librarianship, Library Leadership & Management, Music Reference Services Quarterly*, and *North Carolina Libraries*. They also served as manuscript reviewers for these journals as well as for *Children & Libraries* and *Journal of Learning Spaces*. A faculty member guest-edited a special journal issue of *Serials Librarian* while others edited *Music Cataloging Bulletin* and *North Carolina Libraries*. Faculty members reviewed grant proposals for federal and state granting agencies.
• The SHRA Assembly planned and hosted the Paraprofessional Conference for library paraprofessionals across the state and surrounding areas. It also held two bake sales with receipts going to the American Cancer Society Relay for Life and Disabled American Veterans.

Part Two: Unit Strategic Plan Update – Joint Strategic Plan with Laupus Library
In response to each item in part two, provide an update on the unit’s progress toward implementing its 2014-2019 Unit Strategic Plan.

Unit Objective 1.1: Deliver course-related library managed learning resources that support student success while reducing students’ expense for course materials.

• Unit Action 1: Identify, acquire and market online access to course-adopted materials through collaboration with ECU faculty, ECU Bookstores and area businesses.

Actions Taken: Through the Course-Adopted Text Program, ALS acquired and/or identified and publicized existing online access to texts required for ECU courses. This program involved active collaboration with the ECU Bookstores and ECU faculty who included the texts on their syllabi. A list of texts by course was compiled and kept updated. In addition, the ALS Circulation & Interlibrary Loan Department changed its procedures and began borrowing textbooks when requested by students, achieving a 90% fulfillment rate.

• Unit Action 2: Integrate OERs into library instruction and as standalone items to be incorporated in course materials through collaboration with teaching faculty.

Actions Taken: Laupus Library created tutorials for three courses in the College of Nursing’s Neonatal Nurse Practitioner program. The three tutorials are integrated with other open educational content. ALS embedded Blackboard modules into 95 courses. ALS developed an alternative textbook program and awarded 15 stipends of $1,000 each to faculty who agreed to incorporate open textbooks, library subscription materials, and other free materials into their courses to reduce textbook costs for students. Materials will be identified during the summer for use during the 2016 fall semester. Librarians were assigned to work with each faculty member. All materials created through this program will be available for use under a Creative Commons license.

Metric 1: Student savings on course-adopted materials: For an outlay of $6,685 by ALS, the course-adopted text project had the potential of saving students up to $71,056 in 2015-16, if all students used the e-books. The interlibrary loan program offered possible savings to students in the spring of $4,489 [cost savings figures are not available for fall semester]. 98 textbooks were requested in the fall semester and 72 were requested in the spring semester. 85 textbooks were successfully borrowed in the fall and 68 in the spring. The highest priced book in the spring was $329; the average cost was $108.

Metric 2: The number of course-adopted materials available to students online via the ECU Libraries and the number of OERs (Open Educational Resources) created: The ECU Libraries made available 170 Course-Adopted eTextbooks (CATs) in the spring semester 2016 and 96 CATs for the fall semester of 2015. Three new tutorials were created; a number of others were updated or revised.

Metric 3: The number of courses using library created or managed OERs and usage of OERs: Three courses used OERs created by Laupus Library. ALS embedded the Plagiarism Blackboard module in 86 courses (1,268 views, with 53 views of the related Avoiding Plagiarism YouTube video created by ALS). ALS embedded Research Guides or subject modules in 53 courses. It
embedded the Thinking Critically module in 53 courses (3,387 views). In addition, 82 classes had access to CATs in the fall semester of 2015 and 134 classes had access to Course-Adopted eTextbooks (CATs) in the spring semester of 2016.

**Actions Planned:** ALS will continue the alternative textbook and CAT programs for the 2016-17 academic year. ALS and UNC Greensboro recently received a two-year LSTA grant to help fund the two programs. The Interlibrary Loan program will also be continued.

**Unit Objective 2.1:** The ECU Libraries will develop and promote diverse cultural experiences, resources, and programming for lifelong learners in the university community and in the region.

- **Unit Action 1:** Curate exhibits and host programs and events that stimulate the mind, engage participants, and celebrate diversity and inclusion.

**Actions Taken:** Numerous programs, events and exhibits were offered by a variety of departments. Many involved partnerships with other campus and/or community groups. While two of the largest celebrations of diversity and inclusion were the Humans of Greenville exhibit and the Human Library, these values were incorporated in a majority of the programs, events and exhibits. See page 5 for more information.

**Metric 1:** Number of attendees and web views for lectures, activities, community events, exhibits, and programs sponsored by the libraries: Laupus hosted seven Medical History Interest Group lectures. There were 135 in-person attendees, and another 367 views of the recorded lectures as of June 30. ALS hosted 125 events in 2015-16 (47 in fall 2015, 64 in spring 2016, and 14 in summer 2016). There were more than 2500 attendees, including students, faculty, and the greater community. ALS sponsored four exhibits in the Faulkner Gallery. A total of 300 people attended opening receptions for these exhibits.

- **Unit Action 2:** Increase the availability and discoverability of unique items from the libraries’ special collections, especially artifacts and materials that reflect the diversity, history, and culture of the university and region.

**Actions Taken:** ALS hired a temporary audio/visual digitization specialist in 2015-16 who concentrated on transferring priority special collections materials and School of Music performances from analog to digital format, editing, mixing, creating access files, and completing AMD information. ALS purchased multi-channel recording hardware and software to expedite this work. Student campus newspapers, yearbooks and annuals were added to Digital Collections. Archives completed a comprehensive building history of main campus.

**Metric 1:** 216 cassettes, 162 open reels and 82 films were digitized, along with 24,369 images, including 238 items from the Laupus History Collections and Country Doctor Museum. Manuscript materials totaling 42 cubic feet were added; 36 additional manuscript collections were described; 51 new catalog records were added for manuscript collections. Created 31 new University Archive collection finding aids and updated others. See pages 2-3 for more detail on specific additions to the collection. There were more than 350 research visits to Special Collections and more than 1,300 research hours logged.

**Actions Planned:** A comprehensive building history will be compiled for the Health Sciences campus and Athletic Complex. The digital-born images of present-day buildings will be used to create a standard digital-born submission process for Digital Collections. The contract for the temporary audio/visual digitization specialist will be extended for an additional year. Collection development will expand to include collections related to the culture of eastern North Carolina, including food, music and recreation. The Schlobin Collection of Literature of the Fantastic will
The Laupus Library continues to focus on expanding access to its collections. Efforts to collect materials from underrepresented populations will continue. A new archivist will be hired to continue processing archival material for the History Collections and Country Doctor Museum collections. Items from these collections will be evaluated for digitization.

**Unit Objective 3.1:** We will collaborate with the Division of Research and Graduate Studies and others to develop and provide robust tools to create, discover, share and preserve the University’s research and creative activity.

- **Unit Action 1:** Develop and populate tools such as REACH NC profiles, VIVO, and the Vireo ETD Management system, which will capture the university’s research and creative output, identify and demonstrate faculty expertise, and promote collaborations within and external to the university.

**Actions Taken:** ECU librarians taught 14 SPIN sessions. The majority of sessions were scheduled through the Office for Faculty Excellence (OFE) and were open to all faculty and graduate students. Other SPIN classes included faculty and students in music, social work, dental medicine, and human development and family studies. Research Roadmap was demonstrated to Laupus Library liaisons, the Department of Engineering, Joyner Library faculty, the Department of Physical Therapy, and the Department of Health Education and Promotion. Vireo was used successfully for submission of at least 195 Graduate School theses and dissertations and Honors College senior projects. A new version of The ScholarShip, ECU’s institutional repository was launched in August. A total of 3,007 paper downloads have occurred since that time. Unique item level and overall page views increased by 24,657 and 34,243, respectively. ECU Patents were added to the IR at the request of the Office of Technology Transfer. Data management services were shared with campus through an OFE Data Management session, Graduate Research Series, New Faculty Orientation, Teaching with Technology, Graduate School newsletter, department meetings, and individual faculty meetings. The Research & Scholarly Communication Department monitored and maintained campus compliance with the National Institutes of Health’s Public Access mandate.

**Metric 1:** Increase the number of ECU Library-curated tools that identify research funding sources and research partners as well as the number of ECU researchers with enhanced profiles in expertise systems by 5% annually.

**Metrics:** The objective was achieved. There was an 18% increase in the number of VIVO profiles. Faculty publications included in the profiles increased across the board - 8,113 journal articles were added (323% increase), 591 conference papers (591% increase), and 289 books (642% increase). There was a 51% increase in the number of items (698) submitted to The ScholarShip. We submitted new master lists to ReachNC during the summer of 2015. However, ReachNC was defunded in December and focus for faculty profiles and research facilities switched to VIVO.

**Unit Action 2:** Offer professional development for ECU librarians to expertly conduct systematic reviews for researchers.

**Actions Taken:** In FY16, three Laupus librarians attended the Systematic Review Workshop at the University of Pittsburgh. As of June 30, one systematic review had been completed and five were in process.

**Metric 2:** Increase by 5% annually the number of librarian systematic review services produced for faculty and researchers related to research.
**Metrics:** The number of systematic reviews increased from zero in 2014-15 to one completed review in 2015-16. This met the goal of increasing the number of produced reviews by 5%.

**Actions Planned:** Laupus Library will send an additional librarian to a comprehensive systematic review workshop. The marketing materials for systematic review assistance will be revised (a working group of Information Services librarians began this plan in 2015-16) and will be launched to each Division of Health Sciences Unit. Laupus will work with Marketing and Communications to ensure a breadth of coverage for this marketing effort. Laupus will conduct at least five training sessions for researchers interested in conducting a systematic review.

5. **Reflection:** Provide brief descriptions and no more than five bulleted points of key opportunities, uncertainties, or challenges that may have impacted or will impact the implementation of the unit’s strategic plan.

- Competing demands for space may impact the implementation of actions related to Unit Objective 2.1. Continued growth of collections particularly in the Special Collections Division, student demand for more seating, and faculty requests for a dedicated area for support for digital humanities/social sciences increase the need for a comprehensive storage solution. The ALS director and assistant director for public services made a presentation to the University Space Committee in November 2015 concerning a proposed purchase and installation of additional compact shelving in the basement of Joyner Library but have not received a response yet. Work was undertaken this summer by ECU to address chronic leaking in the basement. Correcting this problem is a prerequisite to using the space for additional Special Collections materials.

- Reductions to the Libraries’ budgets have imperiled subscriptions to comprehensive e-journal packages including Elsevier’s Science Direct. With annual price increases of 4-5% included in our multi-year consortial license agreements, even static budgets mean that the Libraries continually have to cancel e-journals and other continuing resources or else disproportionately cut the monograph budget. While the Libraries appreciate receiving end of year money from the university, there are a number of restrictions on how those funds can be used. For effective planning, the Libraries need to have stable permanent budgets adequate to provide the resources ECU faculty and students require.

- University Archives and Records Management is now collecting and preserving electronic records, but is not providing public access to these records in their original format (the records are available by request, meeting public record requirements). The creation of an electronic access plan is required to ensure open access to material as required by law without the need for individualized processing of patron requests.

- Nationwide and at ECU, we are seeing changes in the role of the academic library within the university, particularly with regard to support for research and publishing. The ECU Libraries will continue to investigate innovative ways to support these endeavors and help ECU accomplish its mission.

- As the size and complexity of the Digital Collections repository increase, its maintenance and preservation will require additional resources, including preservation storage server space, more robust software and hardware systems, additional staff, and long-term institutional commitment. There are several important standards and recommended practices not currently reflected in our in-house systems.