

Alternative Spring Break Project List 2020

Cleveland Health Sciences Library, Case Western University – single project

Create, curate, and compile three minute video tutorials on common Cleveland Health Sciences Library practices and basic to advanced user information, create a YouTube Channel and corresponding guide using LibGuides or LibWizard. Possible common user information needs include tutorials on how to set up remote access, how to access library resources, where to find the best information for a patron's needs.

This would involve possible collaboration with the Kelvin Smith Library's Freedman Center, understanding of creating video tutorials, learning Screen Cast-o Matic or similar software.

Expected Benefits: Save time, improve processes.

Supervisors: Vivian McCallum, Shannon Butcheck

Duke University Medical Center Library & Archives – single project

The Duke University Medical Center Library & Archives provides high quality information services to support Duke Health's teaching, research, and patient care missions. Liaison librarians teach in the curricula of the primary academic programs – School of Medicine MD program, School of Nursing ABSN, MSN, DNP, and PhD programs, the Physician Assistant Program, the Doctor of Physical Therapy Program, and various Master's programs, including Pathologists' Assistant, Master of Biomedical Science, Global Health, and Population Health Sciences. Librarians also offer extensive research services, including individual research consultations, systematic review searches and research impact / bibliometrics support. The library is nationally known for its expertise in evidence-based practice due to its longstanding participation in the Duke Teaching and Leading Evidence-based Practice workshop and its popular EBP tutorials.

The library's collections are mostly digital, with core collections onsite and extended collections in off-site storage. Collections are accessible through several knowledgebases, including through the library's website, bibliographic databases, e-journal page, and a shared catalog with the university. The Medical Center Archives collects the administrative history of Duke Health, maintains a digital repository, and provides research services to departments and individuals. The Medical Center Library & Archives is independent from the university libraries, but are highly collaborative in terms of a shared integrated library system, shared purchasing and licensing, and scholarly communication advocacy.

Students on an alternative spring break at our library would have the opportunity to gain a "whole library" perspective by shadowing staff across departments. Students will come away

with an understanding of how a mid-size health sciences library operates and meets its patrons' needs. Some specific opportunities may include:

- Attending instructional sessions led by liaison librarians, such as guest lectures in the School of Nursing, or journal clubs within a residency program
- Attending consultations led by liaison librarians, such as systematic review consults
- Participating in usability testing of our website
- Overview of e-journals, books, and databases
- Exploring web analytics
- Exploring the archival collections of an academic medical center
- Participating in library project group meetings

Mayo Clinic Libraries – Project 1

A Librarian from Mayo Clinic – Plummer Library will accompany the student on tours of a variety of library locations at a major destination medical center. The student will also receive orientation and basic hands-on training in multiple departments at Plummer Library, including access services, technical services and reference services.

Outcome - At the end of one week, the student will be able to identify several different librarian positions within a medical library and have a general understanding of the tasks, responsibilities, and services provided by each department.

Itinerary

Monday

- Tour Libraries
 - Plummer Library
 - Venables Library
 - Learning Resource Center
 - Fye History of Medicine Library
 - Patient Education Center
 - Patients Libraries

Tuesday

- Tour Departments
 - Public Services
 - Technical Services
 - Heritage Days
 - Mayo Clinic Archives and the Fye Center for the History of Medicine

- Library Administration

Wednesday

- Access Services
 - Circulation Desk and Customer service
 - Mailroom Operations
 - Document Delivery and Sourcing
 - Scanning and Fulfilling Requests
 - Warehouse

Thursday

- Technical Services
 - Acquisitions and Collection Development
 - Cataloging and Copy Cataloging
 - Bookstore
 - Mayo Authors

Friday

- Reference Services
 - Library Orientations, Tours and Instruction
 - Triage
 - Systematic Reviews
 - Reference Questions
 - Debrief

For additional information contact:

Erica M. Ross, MLIS, AHIP
Access Services Manager
Mayo Clinic Libraries
Plummer Building 12-31
Phone: 507-538-4494
Email: ross.ERICA@mayo.edu

Mayo Clinic
200 First Street SW
Rochester, MN 55905
<https://college.mayo.edu/academics/libraries/>

Mayo Clinic Libraries – Project 2

The student will spend time with the Mayo Clinic Library Systems staff exploring library technology infrastructure at a major medical institution. The student will gain exposure to OCLC's ILLiad, Springshare's LibGuides, Ill's Sierra, and several custom internal applications. The student will be asked to assist with documentation and minor fixes to these systems and understand how patron requests flow through these systems. Opportunities to tour multiple library locations and observe staff will also be included in the schedule.

Outcome - At the end of one week, the student will have exposure to several major library technology platforms and understand how patron requests flow through these systems. They will also have experience documenting key workflows and assisting with minor systems changes.

Itinerary

Monday

- Tour Libraries
 - Plummer Library
 - Venables Library
 - Learning Resource Center
 - Fye History of Medicine Library
 - Patient Education Center
 - Patients Libraries

Tuesday

- Document Delivery
 - Discuss OCLC ILLiad and examine default ILLiad system
 - Explore customizations built at Mayo
 - Assist with default order form customizations
 - Practice processing requests to understand entire workflow
 - Review and update User documentation as needed

Wednesday

- Springshare Libguides
 - Discuss Springshare Libguides
 - Create basic demo guide, explore editing options
 - Explore Admin interface and reports
 - Assist with generating reports
 - Briefly explore other Springshare products (LibCal, LibWizard)

Thursday

- III Sierra
 - Discuss III Sierra
 - Practice with records, understand basic structures
 - Explore Admin interface for Sierra, discuss user permissions
 - Help update documentation for Mayo Sierra admins

Friday

- Custom tools
 - Discuss custom tools in use at Mayo
 - Explore data sources and workflows that drive these tools
 - Assist with documentation for custom tools
 - Debrief and discussion

For additional information contact:

Matt Hoy, MLIS, AHIP

Associate Director

Mayo Clinic Libraries

Phone: 507-266-7428

Email: hoy.matt@mayo.edu

Mayo Clinic

200 First Street SW

Rochester, MN 55905

mayoclinic.org

National Library of Medicine - Project List

#1 Convert Common Data Elements Webinar into an active learning experience

From the webinar

recording at https://www.nlm.nih.gov/bsd/disted/video/clin_info/cdes.html draft a learning experience that demonstrates that participants have achieved the educational objectives of the video (e.g., through exercises and quizzes).

Project length: one week:

Skills needed: Creativity, technical writing and ability to translate complex concepts into simple language

Expected benefits: save time, improve process, product or service

Supervisor: Kate Majewski, Office of Engagement and Training

#2 Analyze DOCLINE interlibrary loan system data to discover usage patterns and trends among different library types in the US and Canada

NLM's DOCLINE Interlibrary Loan request referral and routing system has been used by medical libraries for nearly 35 years. The system was recently redesigned and re-coded in Python. Today, around 2,000 libraries (hospital, academic, public, other) in the US and Canada, place 1 million ILL requests each year; including nearly 7,000 "Urgent Patient Care/Clinical Emergency" requests.

NLM would like to increase use of DOCLINE within North America, and possibly expand participation to include non-North America 'International Libraries'. To do so, we need to analyze how use has changed, as well determine differences among different library types or countries.

The intern will have access to and utilize applicable DOCLINE data to investigate possible usage trends and patterns. End product will be summary of findings including graphical data representation.

Skills needed: Excel proficiency required (optional charting, graphing, infographic experience)

Supervisors: Gillian Takamaru, Joanna Widzer, Lis Unger, Collection Access Section

#3 NLM-Related Policy and Legislation Tracking & Analysis

This project will be of interest to those who want to learn more about legislative and policy development processes and related topics relevant to NLM and the medical library community.

The intern will help with creating educational briefing materials for the MLA/AAHSL government relations committee. More information on the work of the NLM policy team may be found here: <https://nlmdirector.nlm.nih.gov/2019/03/19/nlm-and-public-policy/>.

Skills needed: Strong written and oral communication skills; interest in legislation/policy; database searching; excellence with organization and planning;

Excel/Word/PowerPoint/Outlook

Expected benefits: Create a new product/service; Improve methodology in decision-making; Improve process, product/service; Research; Coordinate/Communicate across NLM to ensure awareness of pending legislation of interest

Supervisors: Dina Paltoo, Assistant Director for Policy Development; Rebecca Goodwin, Office of Strategic Initiatives

#4 African photo curation

Prioritize African digital photos in Adobe Lightroom based on technical and compositional quality, and significance, and then tag the top 25% with descriptors based on a hierarchical, controlled vocabulary that you will create. Touch up and crop the best photos for archiving. Work with staff to select photos to include in future exhibitions.

Skills needed: Familiarity with Adobe Lightroom, interest in photography, artistic eye, controlled vocabularies

Expected benefits: Save time; Document activities

Supervisor: Dan Gerendasy, Office of Engagement and Training

#5 Genetics Basics Tutorial for Bioinformatics Course

Bioinformatics and Biology Essentials for Librarians is an online, asynchronous (but scheduled) 30-credit course designed to give librarians the foundational knowledge to be able to understand and perform the top tasks of the major NCBI molecular biology databases. The current course starts with a module on the basics of genetics. We're looking for someone who can use the materials we have and redesign this module for this audience.

Skills needed: Willingness to learn and NOT extensive biology expertise.

Expected benefit: Improve process, product/service

Supervisor: Kate Majewski, Office of Engagement and Training

#6 MedlinePlus Content Creation and Review

MedlinePlus (<https://medlineplus.gov/>) is the NLM online health information resource for patients and their families and friends. MedlinePlus offers information on health conditions, medical tests, medications, and dietary supplements in plain language for the general public in English and Spanish. The information is sourced from the National Institutes of Health (NIH) and 1,600 selected organizations. It includes links to other U.S. government agencies and trusted health information providers. This project will expose you to a variety of components that make up the MedlinePlus project. Choose from topics based on your interest(s) including resource link management, content creation and review, and writing short articles for a consumer health weekly newsletter. Bilingual (Spanish) expertise is welcome but not required.

Skills needed: attention to detail, writing, Spanish language (optional)

Expected benefit: Improve process, product/service

Supervisor: Mary Herron

#7 Evaluation of HSRR (Health Services and Sciences Research Resources)

HSRR (Health Services and Sciences Research Resources) (<https://hsrr.nlm.nih.gov/>) is a database with information about the datasets, instruments, and software used in health services, behavioral, social sciences, and public health research.

HSR Projects in Progress (HSRProj) (<https://hsrproject.nlm.nih.gov/>) is a growing database of health services research projects that are under current investigation. The database also includes information concerning projects in the past, going back to the early 1990s. Descriptive abstracts often include information on the instruments, datasets and/or software being used by the investigators in their research process.

We would like to do an evaluation of HSRR, to determine the following:

- How much of the information is referred to in HSRProj?
- How much of the information (and which specific items) can be found in:
 - The CDE Repository (<https://cde.nlm.nih.gov/>)
 - PubMedCentral Datasets (<https://www.ncbi.nlm.nih.gov/pmc/>)

- NIH Data Sharing Repository
(https://www.nlm.nih.gov/NIHbmic/nih_data_sharing_repositories.html)
- NCI Datasets for Researchers
(https://www.cancer.gov/research/resources/search?from=0&toolTypes=databases_databases)

We wish to discover the following information:

- The number of items (and which ones) that can be mapped to specific project in HSRProj
- The number of items (and which ones) would be orphaned
- Recommendations on which HSRR fields should be preserved if the database is incorporated into HSRProj.
- Recommendations on methods to determine when new datasets, indices, software are mentioned in HSRProj and ways to incorporate that into HSRProj

Skills needed: Analytical thinking, database searching, attention to detail. Multiple students welcome on this project.

Expected benefits: Save money; Improve process, product/service; Research

Supervisors: Patricia Gallagher, Lisa Sedlar, NICHSR

All projects will take place at the National Library of Medicine, Bethesda, MD on its NIH Campus location or its off-site location for the Office of Engagement and Training.