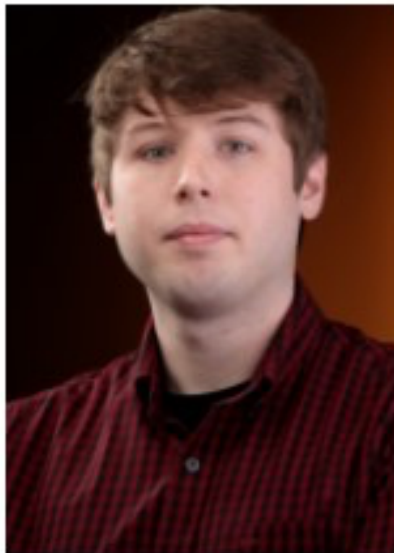# NO LOGIN NEEDED

DEVELOPING A NEW LIBRARY WEBSITE ON YOUR OWN

Chris Deems

Systems and Technology Librarian

Technical Services

419-772-2183

c-deems@onu.edu

BIO

- Systems Librarian at Ohio Northern University
  - Heterick Memorial Library
  - 2,855 FTE (Fall 2019)
- BA in History
  - The Ohio State University
- MS in Information Studies
  - University of Texas at Austin
- Newest TEDSIG Co-Chair

PROJECT BACKGROUND

- University website update in Fall 2019

  - New two website structure

  - Internal website (my.onu.edu) for current students, faculty, and staff

  - External website (onu.edu) for prospective students, parents, and alumni

- Access to library web content became extremely limited

  - Library catalog, databases, and Archives' content placed on internal website

  - Additional login step required for members of Ohio Northern University to access

  - Public content made inaccessible to users outside of the University

BEGINNING OF A NEW LIBRARY WEBSITE

- New University website structure could not support essential library structures, features, and tools

- Sought to petition University stakeholders to allow Heterick Library have it's own website

- Examined and highlighted peer university libraries managing their own websites as examples. Including:

  - Ohio Wesleyan University (https://library.owu.edu/home)

  - Wittenberg University (https://www.wittenberg.edu/lib)

- Created short document containing findings to share with stakeholders

- Stakeholders agreed to allow new separate library website following meeting and discussion with librarians

  - External University website would retain splash page for the library

DEVELOPMENT PROCESS

- Document created to detail development and design process. Contained:

  - List of goals and priorities

  - Areas requiring additional support and expertise from other library faculty and staff

  - Outline for user testing

  - Timetable for completion

- New website hosted in LibGuides CMS

  - Heterick Library already had access to platform prior to new website development

  - Development of website structures was similar to creating research guides

DESIGN PROCESS

- Design followed University guidelines and matched with new website's overall design

- Heavy focus on web accessibility throughout design process for website

  - Web accessibility extension used periodically during process to check for potential errors

- New CSS needed to be developed for library website

  - Trial and error process

  - Examined code from other peer institution libraries for inspiration and ideas

  - Created using code from University's external website

  - Some accessibility coding found freely online

USER TESTING

- Three phases of testing

  - First phase: internal testing with Heterick Library faculty and staff in Spring 2020

  - Second phase: select students and faculty outside of the Heterick Library in Spring 2020

  - Third phase: all members of Ohio Northern University in Fall 2020

- Original plan included in-person and asynchronous tests

  - COVID-19 required all testing to be asynchronous

- Results of tests were compiled and discussed internally among library faculty and staff

- Suggestions and fixes were applied where necessary

LAUNCH & LOOKING FORWARD

- New Heterick Library website launched in June 2020

  - https://library.onu.edu/

  - Followed successful completion of second phase of user testing

  - Met with positive response from University upon start of Fall 2020 semester

- Plans for the future

  - Completion of third phase of user testing

  - In-depth accessibility testing of entire website

  - Creation of routine testing schedule for both website users and website accessibility

ADDITIONAL RESOURCES

- Documentation on the Creation of the New Heterick Library Website
  - https://docs.google.com/document/d/1sxWgQOA6pDfuN4qPTDx8WIazKJzZ6A_tEwiXm81ZajU/edit?usp=sharing
- Heterick Memorial Library Website Files
  - https://github.com/c-deems/hml_website.git
- LibCal Colorblindness Resolver CSS
  - https://www.dropbox.com/s/h2ym2cjpk9jkwuq/fix-color-alone-convey-availability.css?dl=0
- Tota11y: an accessibility visualization toolkit
  - https://khan.github.io/tota11y/
- User Test Questions Compilation
  - https://docs.google.com/document/d/1q_sbPdR-7GRqV1rscloSpu3Ae60myg62-Bv2vyTW3fE/edit?usp=sharing
- WAVE - Web Accessibility Evaluation Tool
  - https://wave.webaim.org/