

Piloting an Interdisciplinary Systematic Review Service

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Background

- University of North Carolina Charlotte serves approximately 30,000 students
- College of Health & Human Services (CHHS)
 - 4 major departments
 - ~2800 undergraduate and 1000 graduate students
- Cato College of Education (COED)
 - 2,000 enrolled students
 - 115 full-time faculty

Why a pilot program?

- Associate Dean for Research from College of Health & Human Services approached the CHHS librarian about supporting systematic reviews
- Associate Dean for Public Services and CHHS Librarian had systematic review experience
- Funding from CHHS to support systematic review research in some capacity

Initial pilot launch

- Two librarians would support up to 6 research teams during the fall semester
- Librarians would:
 - Work with research team to refine topic and talk about potential databases to use for the review
 - Develop and complete searches
 - Keep track of searches through documentation
 - Provide information and some support for Covidence
 - Write search methodology and provide appendixes of all search strategies
- CHHS would provide funding for Covidence for up to one year
- Workshop would be offered to CHHS faculty to discuss systematic review research methodology

Systematic review workshop

- Offered in fall 2022
- Discussed standards and methodology of systematic review
- Conversation about the importance of librarian involvement in systematic reviews
- Faculty still interested could submit a proposal to be part of the pilot
 - Research topic
 - Research team
 - Expected timeline
- Librarians and Associate Dean for Research selected research teams

College of Education involvement

- Contacted by COED Associate Dean for Research about possible participation in the pilot program of their faculty
- Determined that we could support up to 3 COED research teams
- Brought in Education Librarian and worked with them to provide training
 - Participated in IMLS Evidence Synthesis Institute
- Provided a similar workshop that focused more on resources and examples applicable to education disciplines

Results

- Extended the pilot through summer 2023 and the 2023-2024 academic year
 - 11 searches completed by librarians during first year
 - 8 searches completed during the 2023-2024 academic year
- Financial support from CHHS for Covidence continues

Results

- Searches Completed
 - CHHS: 11
 - COED: 8
- 1 poster presentation accepted at professional conference
- 4 articles submitted for publication
- 1 article published as of June 5th, 2024

Some topics covered

- Provision of PreP in African American Women
- Generative AI and writing in medicine and nursing
- Health disparities among adults living with multiple sclerosis in rural regions globally
- Impact of interactive learning components in healthcare degree advancement programs
- Landscape for building teacher's ability to teach computing and computer science at the K-12 level

Next steps

- Continue pilot phase of service with workshops offered during the summer and fall of 2024
- Looking to train additional librarians to make this a more long-term and sustainable library service

Thank you!

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