#### **Purdue University**

### Purdue e-Pubs

Libraries Faculty and Staff Supplemental Materials

Purdue Libraries and School of Information Studies

2020

# Graduate student confidence following a for-credit systematic review course pilot: Qualitative and Quantitative Data

Bethany S. McGowan Purdue University, bmcgowa@purdue.edu

Jason B. Reed Purdue University, reed252@purdue.edu

Jane Yatcilla Purdue University, janeyat@purdue.edu

Follow this and additional works at: https://docs.lib.purdue.edu/lib\_fssup

Part of the Health Sciences and Medical Librarianship Commons, and the Information Literacy Commons

### **Recommended Citation**

McGowan, Bethany S.; Reed, Jason B.; and Yatcilla, Jane, "Graduate student confidence following a forcredit systematic review course pilot: Qualitative and Quantitative Data" (2020). *Libraries Faculty and Staff Supplemental Materials.* Paper 8. https://docs.lib.purdue.edu/lib\_fssup/8

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.

## Supplementary Tables

Theme	Number of Comments Received Related to Theme
Plan to conduct a systematic review	6
Want to learn the steps for conducting a	5
systematic review	
Want to learn to manage data	5
Want to learn to design a search strategy	5
Want to learn to assess study quality and	4
risk of bias	
Want to learn to select and search	3
appropriate databases	
Want to practice and receive feedback	2
Want to learn to select inclusion and	2
exclusion criteria	
Want to learn to build a systematic review	2
team	
Want to learn to develop a research	1
question	
Want to learn to develop a systematic	1
review protocol	
Want to learn to search grey literature	1
Want to learn to develop a systematic	1
review protocol	

**Table 1**. Pre-assessment survey results: Student motivation and expectations

**Table 2.** Post-assessment survey results: What students enjoyed most about thecourse

Theme	Number of Comments Received Related to Theme
Course structure	7
Knowledgeable and open course	2
instructors	
Useful feedback on assignments	1
Useful course resources	1
Learned a new skill	1

Theme	Number of Comments Received Related to Theme
Nothing	4
Wished course was longer	4
Preferred lectures from course instructors instead of guest lecturers	1

Theme	Number of Comments Received Related to Theme
Developing a Search Strategy	5
Assessing Risk of Bias	3
Citation Screening (with Rayyan)	2
A Research Skill—i.e. using MeSH terms,	2
learning about different review types	

**Table 4**. Post-assessment survey results: Most informative course session