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### Question

Does the design and layout of a course research guide impact student learning?

### Hypothesis

Information Literacy instruction teaches complex concepts. Students will learn more effectively a pedagogical-style research guide, through which guides students through the research process, than a traditional pathfinder-style guide (e.g., books, articles, reference materials).

## Guide Design Pedagogical



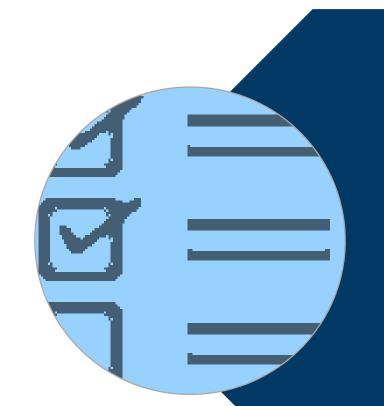
For an example of a current pedagogical guide: <u>http://iupui.campusguides.com/bridge</u>

# Pathfinder or Pedagogical? Transforming Course Guides for Student Success

## Methodology

### Instruction

- Two sections of first-year seminar
- n=40
- Same professor
- Same librarian
- Same course content



### Assessment

- Pre-Test
- Post-Test & Usability Questions • 2 weeks after library session
- End-of-Semester Test
- Annotated Bibliographies Rubric

### Pathfinder

Is your topic too broad? (Hint: If your search gets you thousands of results, it is too broad.) Return to #1. ke good notes from your sources. Don't fall victim to plagiarism when it comes time to write.

Home	
Reference Materials	
Find Articles	
Find Books	
Citation and Writing Help	
End-of-class Evaluation	

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### Article Databases

- Google Scholar research across the world of scholarly research.
- Academic Search Premier (EBSCO)

### Conclusion

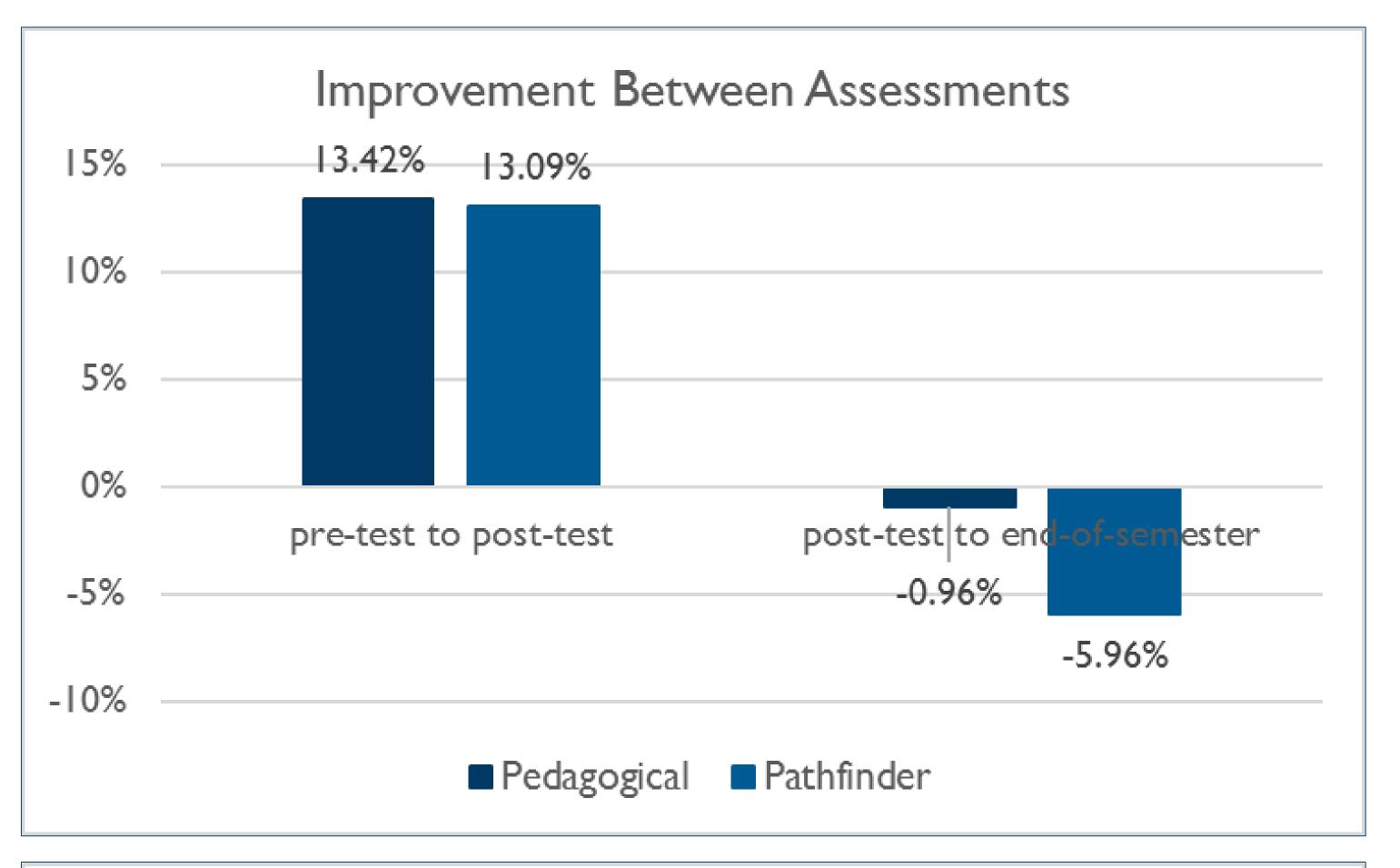
Students who were taught and used the pedagogicalstyle course guide demonstrated better learning and retention of concepts than students using the pathfinder-style guide.

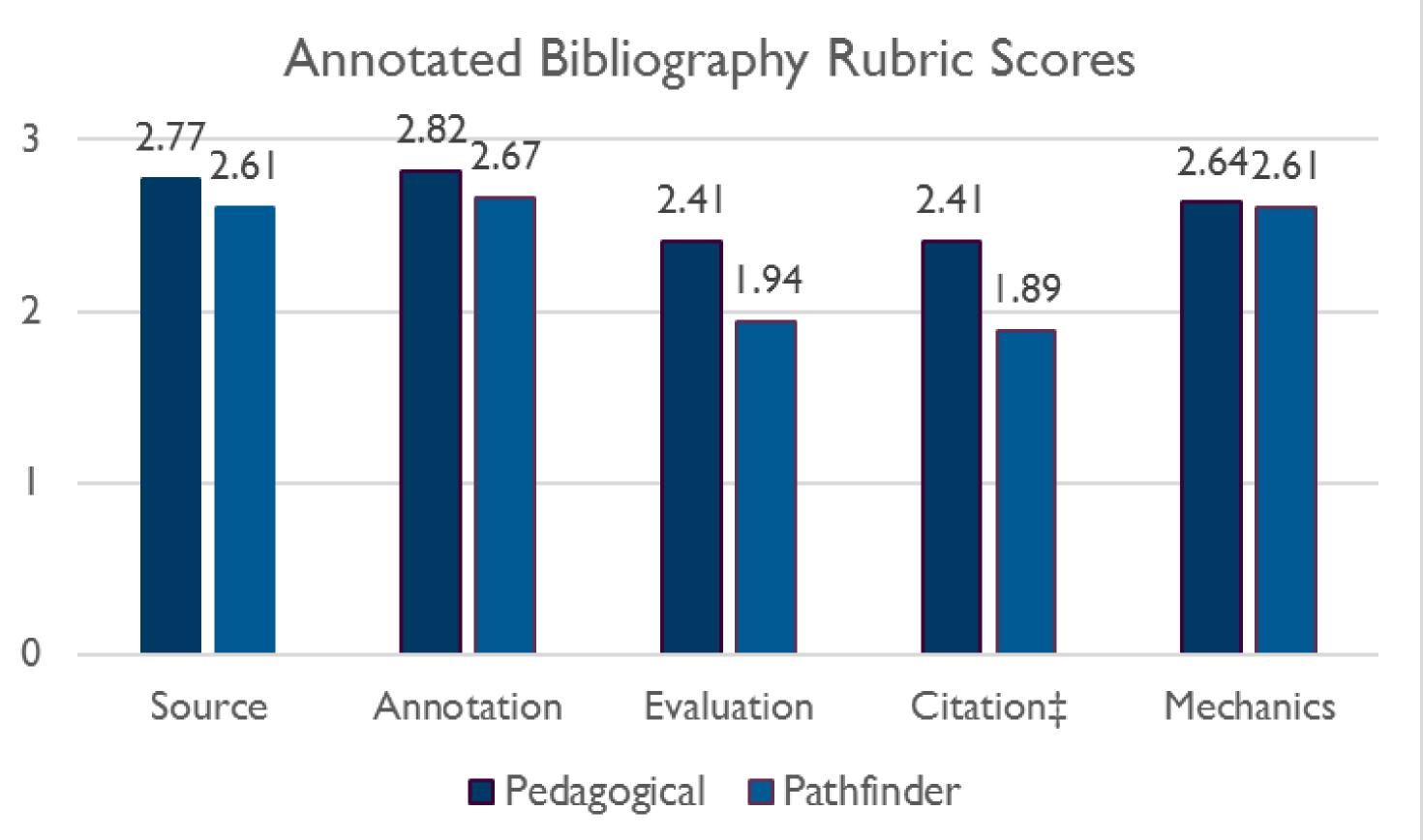
This guide is for students in the Dental Hygiene FYS, to help you find sources for your assignment.

Google Scholar provides a simple way to broadly search for scholarly literature. From one place, you can search across many disciplines and sources: peer-reviewed papers, theses, books, abstracts and articles, from academic publishers, professional societies, preprint repositories, universities and other scholarly organizations. Google Scholar helps you identify the most relevant

This multi-disciplinary database provides full text for nearly 4,500 journals, including full text for more than 3,600 peer-reviewed titles. PDF backfiles to 1975 or further are available for well over one hundred journals, and searchable cited references are provided for 1,000 titles. Academic Search Premier is updated on a daily basis. This database is partially paid for by INSPIRE.







choose and/or refine a research topic or research question.

choose appropriate databases and places in which to look for resources.‡

understand the research process and academic scholarship in general.‡

evaluate resources and choose the ones with the highest quality.

understand the difference in types of resources like scholarly and

effectively search for resources (choose keywords, use Booleans, limiters, etc.).‡

research project.‡

know where to look to find differences and changes in a topic or discipline.



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### Results

