Fueling Learning Outside the Classroom with Strategic Searching of the Geoscience Literature

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Abstract

The importance of understanding the role of the conference abstract in geology has led to changes in the way students, both undergraduate and graduate, are introduced to the geoscience literature. This paper discusses the changes in the approach to teaching research and how the changes were realized at Geneseo.

Research Methods in Mineralogy

Motivation for Collaboration

The primary goal of this project was to improve the quality of student research. To accomplish this, the research methods course (Mineralogy) and the library-based research instruction program (the college librarian) were brought together to work on a joint project.

The Old Model

The primary tool for finding scholarly geoscience literature was the primary tool for finding scholarly geoscience literature was the geological literature is rich with ideas from reliable sources. At least 3 of their sources were search engines like Google Scholar and the library catalog.

The New Model

Students were assigned a paper and associated with a meeting abstract? A conference abstract like those from the Geological Society of America (GSA) represents the scholarly geoscience literature. We discussed the limitations and value of Google Scholar and the library catalog.

I came back to my computer and checked out the Wikipedia page on phosphate and realized that it was being treated as a natural fertilizer and that it could be used as a fertilizer for plants as well. I also found that it was being used as a fertilizer for plants as well. I also found that it was being used as a fertilizer for plants as well. I also found that it was being used as a fertilizer for plants as well.

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Evaluation

In both end of semester surveys, students were asked how useful the instruction was and how they would rate their research skills. In the fall semester, only one student was utilizing the citation tracking technique. For the fall semester, students were utilizing the citation tracking technique. For the fall semester, students were utilizing the citation tracking technique.

Assessment

I realized finding research is difficult because sometimes the answers aren’t always in every book. I found they have to vary my search terms, or look up similar topics related to my own in order to find valuable information.

Incorporating this in your classes:

I can’t find anything on my topic!•

Table 2: Search tools taught in Petrology

Table 3: Coded student responses to the question “How useful was the research instruction in each class?”

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Changes and future plans

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I’ve learned how to use other sources like articles (not just journals) and abstracts as references. I’ve learned how to research scientifically rather than just for my education or Spanish classes.