

# **Research Experience and Mentoring**

Created under NSF Grant: EAGER CBET 1451319 http://eqpoint.info/rem

# MODULE: FINDING RESEARCH ARTICLES

#### MENTOR GUIDE

#### Checklist

Prior	to meeting with mentee(s)
	Familiarize yourself with the "Types of Research Articles" content provided in the overview. A
	PowerPoint presentation is provided on the different types of research articles
	Locate representative research articles (3) that are relevant to your area of research
	Ask mentee(s) to read the abstract of each of the 3 research articles prior to meeting
	Consider scheduling a tour of library facilities and/or prepare to discuss online literature databases
	Locate a research paper from the mentor (or their lab)
Discu	ussion with mentee(s)
	Introduce the term "literature" and introduce the concept of a literature search. Use personal
	examples of your own thought process when you are conducting a literature search.
	Discuss the process of peer review, quality of research articles, and how this relates to the intended audience for the article.
	Cost of research articles – who pays? Considerations when submitting a written research article to a
	journal.
	Review the completed Five-Minute Reflection and discuss any points of confusion

## Suggested Schedule

- 1. The number of meetings with your mentee(s) is flexible and should be adjusted based on the needs of your program.
- 2. Consider asking students to review the 3 research articles included with the module materials prior to meeting in person or online. This prework can be used as a point of discussion for the meeting.
- 3. During the meeting time, consider talking through the discussion points above. Library tours or stepby-step searching instructions may be covered during this meeting or in a separate meeting.



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### Considerations

- 1. Along with mentee exploring library website and speaking with librarian, you may want to share tips/experiences for when you find research articles.
- 2. The concept of a literature search will most likely be new to the mentees, so explaining a general process for starting a search would be helpful. Consider talking through your own approach to finding articles (i.e. your favorite databases, looking for review articles first, etc.)