

Research Experience and Mentoring

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

MODULE: ARTICLE PERSPECTIVES

MENTOR GUIDE

Checklist

Prior	to me	eeting with mentee(s)
	Familiarize yourself with the provided articles, highlighting the different perspective for each	
		Non-scientific periodical
		Scientific journal
		Technical document (patent application)
	Gather article of varying perspective on your own, either from your research lab or other persona experience (optional)	
	Be prepared to discuss differences in audience when writing	
Discu	ıssion	with mentee(s)
	Discussion of different article perspectives, as outlined in the Abstract Critique Overview	
	Example cases or personal anecdotes regarding the proper occasion for each type of article	
	Five-M	nute Reflection
		Suggested Schedule

- 1. Mentees should come to the first meeting with the mentor having read the three provided article excerpts in Article Perspective Handout 1.
- 2. The first meeting should focus on discussion of the differences in each of the articles. Specifically, discussion of the following should take place:
 - a. Who is the probable audience of this type of article?
 - b. How does the level of technical detail vary in each article?
 - c. What do you notice about the "conversational" language of each article?
- 3. The above discussion should follow closely with the material outlined in the Abstract Critique Overview, therefore the Abstract Critique Overview may/may not be used to guide the conversation.
- 4. Consider giving the mentee(s) an assignment tasking them to find scientific articles of various perspective. If the number of mentee(s) is suitable, this task could be broken up amongst the group (i.e. one mentee may find an article with perspective targeted toward a lay-audience, while another mentee finds an article with scientific journal-like perspective).



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- 5. If time permits, have mentee(s) report back their findings regarding the assignment, asking them to specifically point out reasons why they chose the articles that they did.
- 6. Review the completed Five-Minute Reflection and discuss any points of confusion

Considerations

1. Consider using articles and materials that are directly relevant to the laboratory or research area in which the mentees will be working. These examples should begin to build mentee vocabulary around common lab terminology and jargon, and help build confidence in their ability to write scientifically.