

Baccalaureate Research Experience (BRE) Evaluation Rubric

Formal Evaluation and Feedback:

Primary research advisors should fill out the attached rubric and then meet with the student to review the feedback mid-semester (week 8) and end-of-semester (week 16 or finals week) for both semesters of the BRE. After the research symposium, the DOME faculty advisor will meet with the student to review their overall feedback and progress for the BRE.

Student progress in the BRE will be based on assessment by the primary research mentor.

The following criterion will be evaluated using the competency scale listed below¹:

1. Read, critically understand, and apply literature using LEAD framework (Locate, Evaluate, Assemble, Suggest Reasonable Decisions)
2. Critically analyze and evaluate study design and data
3. Effectively engage in research project team activities
4. Identify ethical principles in medicine and research
5. Demonstrate inquiry habits of mind (e.g., curiosity, skepticism, appreciation for ambiguity)
6. Effectively communicate and disseminate scientific knowledge

Other skills that may also be developed:

7. Formulate relevant research questions based upon the FINER criteria (Feasible, Interesting, Novel, Ethical, and Relevant)

Competency scale (Put an X in appropriate column):

- Student is not yet demonstrating these skills
- Student is demonstrating these types of skills some of the time
- Student is demonstrating these types of skills most of the time
- N/A

Comments:

- Include short explanation for the competency selected

Overall feedback such as the following should be included in the Overall Notes section:

1. Student strengths
2. Areas for improvement
3. Next steps for growth

¹ Adapted from UCSF SOM Inquiry Curriculum
<https://meded.ucsf.edu/current-students/curriculum/inquiry-curriculum/about-inquiry#Aims-of-the-Inquiry-Curriculum>

Criterion evaluated:	Competency Scale:				Comments:
	Not Yet	Some Time	Most Time	N/A	
Read, critically understand, and apply literature using LEAD framework (Locate, Evaluate, Assemble, Suggest Reasonable Decisions)					
Critically analyze and evaluate study design and data					
Effectively engage in research project team activities					
Identify ethical principles in medicine and research					
Demonstrate inquiry habits of mind (e.g., curiosity, skepticism, appreciation for ambiguity)					
Effectively communicate and disseminate scientific knowledge					

Overall Notes: