

Quantitative Biosciences Technical Writing Assessment (PhD)

Date: _____

Student: _____ Evaluator: _____

I. Overall Effectiveness of Writing

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

The writer has made good decisions about focus, style/tone, and content to communicate clearly and effectively. Consider the standards for publication in a leading journal.

II. Figure and Tables

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

All figures and tables are effectively interpreted and discussed. Consider the standards for publication in a leading journal.

III. Literature Review

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

An adequate number of references are used and cited appropriately. Consider the standards for publication in a leading journal.

IV. Completed Research

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

A logical and coherent research plan has been completed, including timeline, resources, and rationale.

Total: _____

Comments:

Quantitative Biosciences Oral Presentation Assessment (PhD)

Date: _____

Student: _____ Evaluator: _____

I. Communicating Science

Unsatisfactory
Below Average
Average
Above Average
Excellent

The writer has made good decisions about focus, style/tone, and content to communicate clearly and effectively. Consider the standards for presentation in a society- and/or national-level conference.

1 2 3 4 5

II. Displaying Key Information

Unsatisfactory
Below Average
Average
Above Average
Excellent

All figures and tables are effectively interpreted and discussed. Consider the standards for publication in a leading journal.

1 2 3 4 5

III. Context of Results

Unsatisfactory
Below Average
Average
Above Average
Excellent

Research results should be placed in a broader context. Consider whether the candidate communicated the context for the relevance of the findings.

1 2 3 4 5

Total: _____

Comments:

Quantitative Biosciences Research Assessment (PhD)

Date: _____

Student: _____ Evaluator: _____

I. Originality

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

Student demonstrates original and creative research in the discipline.

II. Knowledge of Discipline

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

Student demonstrates understanding of subject matter, theoretical concepts, and relevant literature.

III. Contribution to Discipline

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

Work shows theoretical or applied significance to the discipline.

IV. Quantitative Modeling in Biological Science

Unsatisfactory
Below Average
Average
Above Average
Excellent

1 2 3 4 5

Thesis work demonstrates the essential integration of quantitative models in advancing understanding of living systems.

Total: _____

Comments: