

# 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 coherent body of work in understanding living systems has been completed, including significant results, appropriate methods, and rigorous analysis.

Total: \_\_\_\_\_

Comments:

# Quantitative Biosciences Oral Presentation Assessment (PhD)

Date: \_\_\_\_\_

Student: \_\_\_\_\_ Evaluator: \_\_\_\_\_

## I. Communicating Science

Unsatisfactory  
Below Average  
Average  
Above Average  
Excellent

1 2 3 4 5

The student 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.

## II. Displaying Key Information

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 conference.

## III. Context of Results

Unsatisfactory  
Below Average  
Average  
Above Average  
Excellent

1 2 3 4 5

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

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: