

School of Physics Research Assessment (PhD)

Date: _____

Circle One:

Proposal Exam

Thesis Defense

Student: _____ Evaluator: _____

I. Originality

Unsatisfactory
Below Average
Average
Above Average
Excellent

Student demonstrates original and creative research in their discipline.

1 2 3 4 5

II. Knowledge of Research Area

Unsatisfactory
Below Average
Average
Above Average
Excellent

Student demonstrates knowledge of the fundamental physics and core principles of their research area.

1 2 3 4 5

III. Knowledge of Research Problem

Unsatisfactory
Below Average
Average
Above Average
Excellent

Student demonstrates specialized knowledge of their research problem.

1 2 3 4 5

IV. Contribution to Discipline

Unsatisfactory
Below Average
Average
Above Average
Excellent

Work shows or has the potential to show theoretical or applied significance to the discipline.

1 2 3 4 5

Total: _____

Comments (Please elaborate if any score is less than 3):

School of Physics Assessment of Technical Writing (PhD)

Date: _____

Circle One:

Proposal Exam

Thesis Defense

Student: _____ Evaluator: _____

I. Overall Effectiveness of writing

No
1
Not much
2
Yes, but
3
Yes
4
Excellent
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 physics journal.

II. Figure and Tables

No
1
Not much
2
Yes, but
3
Yes
4
Excellent
5

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

III. References

No
1
Not much
2
Yes, but
3
Yes
4
Excellent
5

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

Total: _____

Comments:

Proposal Exam Only:

Recommend: CETL 8721/3 Academic Writing Course

School of Physics Oral Presentation Assessment (PhD)

Date: _____

Circle One: Proposal Exam

Thesis Defense

Student: _____ Evaluator: _____

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I. Telling the Story

No Not much
1 2 3 4 5
Yes, but
Yes Excellent

Displays a logical flow and interconnectedness of the different parts of the presentation to create a memorable, unified message. Consider the standards of an APS contributed talk.

II. Displaying Key Information

No Not much
1 2 3 4 5
Yes, but
Yes Excellent

Graphics and written information enhance and reinforce the oral delivery through a focus on key points and supporting information. Consider the standards of an APS contributed talk.

III. Delivering the Presentation and Audience Interaction

No Not much
1 2 3 4 5
Yes, but
Yes Excellent

Uses both verbal and nonverbal skills to enhance the delivery of the presenter's message and adeptly answers questions to satisfy audience. Consider the standards of an APS contributed talk.

Total: _____

Comments: _____