Ph.D. PROPOSAL MEETING in Zoology or Integrative Biology

Student Name: _____ Date: _____

Title of Thesis: _____

Evaluation/Guidance	Does not meet Expectations	Meets Expectations	Exemplary Performance
1. **Problem Definition:** States the research problem clearly, providing motivation for undertaking the research			
2. **Literature and Previous Work:** Demonstrates sound knowledge of literature in the area, and of prior work on the specific research problem			
3. **Impact of Proposed Research:** Demonstrates the potential value of the proposed solution to the research problem in advancing knowledge within the area of study			
4. **Solution Plan:** Provides a sound plan for applying state of- the-art research methods/tools to solving the defined problem and shows a good understanding of how to use methods/tools effectively			
5. **Expected Results:** Provides a sound plan for analyzing and interpreting research results/data			
6. **Quality of Written Communication:** Communicates research proposal clearly and professionally in **written** form			
7. **Quality of Oral Communication:** Communicates research proposal clearly and professionally in **oral** form			
8. **Critical Thinking:** Demonstrates capability for independent research in the area of study, preparedness in core disciplines relevant to research, and ability to complete the proposed research			
9. **Broader Impact:** Demonstrates awareness of broader implications of the proposed research. Broader implications may include social, economic, technical, ethical, business, etc. aspects.			

Overall Assessment: The assessment of the overall performance of the candidate based on the evidence provided in items 1 – 9 above.

CRITERIA	PERFORMANCE RATINGS for PROPOSAL EXAM		
	Does NOT PASS Exam	***PASSES Exam***	
OVERALL, the rating of this proposal meeting indicates that it:	**Does not meet expectations**	**Meets expectations**	**Exemplary performance**

Name of the Committee Member: _____
Signature of the Committee Member: _____

Examiners: Please use the reverse side of this form for written commentary as needed.

Instructions for completing this form:

Submit one form to Integrative Biology, 3029 Cordley.
Evaluation should represent the assessment of all members of the committee; this assessment for each category may be expressed as marks representing each committee member or as a single consensus mark.

Ph.D. <u>ORAL PRELIMINARY EXAMINATION</u> in Zoology or Integrative Biology

Candidate Name: _____ Date: _____

Title of Thesis: _____

Evaluation/Guidance	Does not meet Expectations	Meets Expectations	Exemplary Performance
1. **Literature and Previous Work:** Demonstrates sound knowledge of literature and main ideas in the field of study			
2. **Quality of Oral Communication:** Communicates ideas clearly and professionally in **oral** form			
3. **Critical Thinking:** Demonstrates capability for independent research in the area of study, preparedness in core disciplines relevant to research, preparedness to complete research			
4. **Broader Impact:** Demonstrates awareness of broader implications of the proposed research. Broader implications may include social, economic, technical, ethical, business, etc. aspects.			

Overall Assessment: The assessment of the overall performance of the candidate based on the evidence provided in items 1 – 4 above.

CRITERIA	PERFORMANCE RATINGS for PRELIMINARY EXAM		
	Does NOT PASS Exam	***PASSES Exam***	
OVERALL, the rating of this preliminary exam indicates that it:	**Does not meet expectations**	**Meets expectations**	**Exemplary performance**

Name of the GCR Committee Member: _____
Signature of the GCR Committee Member: _____

Examiners: Please use the reverse side of this form for written commentary as needed.

Instructions for completing this form:

Submit one form to Integrative Biology, 3029 Cordley.
Evaluation should represent the assessment of all members of the committee; this assessment for each category may be expressed as marks representing each committee member or as a single consensus mark.

Ph.D. DISSERTATION DEFENSE EXAM in Zoology or Integrative Biology

Candidate Name: _____ Date: _____

Title of Thesis: _____

Evaluation/Guidance	Does not meet Expectations	Meets Expectations	Exemplary Performance
1. **Problem Definition:** Has stated the research problem clearly, providing motivation for undertaking the research			
2. **Literature and Previous Work:** Demonstrated sound knowledge of literature in the area, and of prior work on the specific research problem			
3. **Impact of Proposed Research:** Demonstrated the potential value of solution to the research problem in advancing knowledge within the area of study			
4. **Solution Approach:** Has applied sound state-of-the field research methods/tools to solve the defined problem and has described the methods/tools effectively			
5. **Results:** Analyzed and interpreted research results/data effectively			
6. **Quality of Written Communication:** Communicates research results clearly and professionally in **written** form			
7. **Quality of Oral Communication:** Communicates research results clearly and professionally in **oral** form			
8. **Critical Thinking:** Has demonstrated capability for independent research in the area of study and expertise in the area			
9. **Broader Impact:** Demonstrated awareness of broader implications of the concluded research. Broader implications may include social, economic, technical, ethical, business, etc. aspects.			
10. **Communication of results:** Journal publications or conference presentations have resulted (or are anticipated) from this research			

Overall Assessment: The assessment of the overall performance of the candidate based on the evidence provided in items 1 – 10 above.

CRITERIA	**PERFORMANCE RATINGS for DISSERTATION EXAM**		
	Does NOT PASS Exam	***PASSES Exam***	
OVERALL, the rating of the dissertation exam indicates that it:	**Does not meet expectations**	**Meets expectations**	**Exemplary performance**

Name of the GCR Committee Member: _____
Signature of the GCR Committee Member: _____

Examiners: Please use the reverse side of this form for written commentary as needed.

Instructions for completing this form:

Submit one form to Integrative Biology, 3029 Cordley.
Evaluation should represent the assessment of all members of the committee; this assessment for each category may be expressed as marks representing each committee member or as a single consensus mark.