

Quantitative and Systems Biology Ph.D. Program
 Qualifying Exam Evaluation Rubric

Instructions: This form is meant to provide common set of criteria to assess the oral qualifying exam for student's attempting to advance to Ph.D. candidacy. Each thesis committee member should complete this evaluation form after the oral presentation is completed.

PLEASE RATE THE FOLLOWING: 4 = STRONGLY AGREE 1 = STRONGLY DISAGREE	
The student demonstrated the ability to:	
Critically read, understand, and evaluate current literature in the relevant field of biology	
Integrate ideas within the field and generate novel, testable hypotheses	
Demonstrate command of pertinent facts: ranging from basic biological principles to recent discoveries in the primary literature	
Demonstrate a comprehensive understanding of techniques critical to scholarship in the field	
Identify appropriate quantitative approaches that can be applied to the project and, if approaches are not to be used, provide justification for such decisions.	
Identify appropriate systems-biology approaches that can be applied to the project and, if approaches are not to be used, provide justification for such decisions.	
Generate novel data and critically evaluate empirical evidence	
Effectively communicate scientific concepts, particularly conveying the questions to be addressed, the significance of the proposed study, and the methods for interpreting preliminary data and anticipated future data	

Please note any additional comments to the student below: