

Biological Sciences Graduate Student Assessment Form

Student:

Assessor:

Date:

Landmark (check box):

- Qualifying Exam, Research Proposal, Comprehensive Exam, Dissertation Defense

Rate the student in each category as 0=not applicable, 1=unsatisfactory, 2=fair, 3=satisfactory, 4=excellent, 5=superior.

Qualitative and Quantitative Skills:

- 1. Student develops hypothesis driven questions.
- 2. Student designs experiments, including the formulation of necessary controls, to test hypotheses.
- 3. Student has the necessary command of the literature to place experiments and results into the appropriate context.
- 4. Student summarizes and presents data in appropriate fashion to address research questions.
- 5. Student uses appropriate methods for analysis and interpretation of experimental results.

Written Presentation Skills:

- 1. Student effectively communicates concepts and results in English.
- 2. Student provides a clear statement of research problems and approaches for experimental analysis.
- 3. Student provides the appropriate background information, including literature review if necessary, to place the research problem into context.
- 4. Student provides an appropriate and concise description of the experimental design and techniques necessary for addressing the research questions.
- 5. Student provides an appropriate presentation of experimental results, including graphical and tabular summaries of the data.
- 6. Student provides a discussion that illuminates the results and clearly recognizes alternative hypotheses that may explain the results.

Oral Presentation Skills:

- 1. Student effectively communicates concepts and results in English.
- 2. Student provides a clear statement of research problems and approaches for experimental analysis.
- 3. Student provides the appropriate background information, including literature review if necessary, to place the research problem into context.
- 4. Student provides an appropriate and concise description of the experimental design and techniques necessary for addressing the research questions.
- 5. Student provides an appropriate presentation of experimental results, including graphical and tabular summaries of the data.
- 6. Student provides a discussion that illuminates the results and clearly recognizes alternative hypotheses that may explain the results.
- 7. Student can present his or her results in a clear and informative manner.
- 8. Student possesses the technical skills to develop oral presentations.
- 9. Student demonstrates the ability to respond constructively to questions.