EVALUATION RUBRIC: PRELIMINARY EXAM

Doctoral Candidate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Poor | Fair | Competent | Good | Excellent |
| Demonstrates mastery of general knowledge in the field of molecular plant sciences |  |  |  |  |  |
| States a research problem in such a way that it clearly fits within the context of the literature in an area of study |  |  |  |  |  |
| Demonstrates the potential value of the solution to the research problem in advancing knowledge within the area of study |  |  |  |  |  |
| Provides a sound plan for applying research methods/tools to solving research problem and shows a good understanding of how to use methods/tools effectively |  |  |  |  |  |
| Provides a sound plan for analyzing/interpreting research data |  |  |  |  |  |
| Communicates research proposal clearly and professionally in both written and oral forms appropriate to the field |  |  |  |  |  |
| Demonstrates capability for independent research in the area of study, the ability to develop and apply substantial expertise in that area and to make an original contribution to it |  |  |  |  |  |

Comments:

EVALUATION RUBRIC: DISSERTATION AND FINAL DEFENSE

Doctoral Candidate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Poor | Fair | Competent | Good | Excellent |
| Demonstrates high level of expertise in a specific, defined area of molecular plant sciences and a mastery of knowledge in the general field of molecular plant sciences  |  |  |  |  |  |
| Reviews the literature in a way that demonstrates comprehensive knowledge of previous and current research in the field of study |  |  |  |  |  |
| States a research problem in such a way that it clearly fits within the context of the literature in an area of study |  |  |  |  |  |
| Demonstrates the potential value of the solution to the research problem in advancing knowledge within the area of study |  |  |  |  |  |
| Applies sound research methods/tools to problems in an area of study and describes the methods/tools effectively |  |  |  |  |  |
| Performs statistical analyses of research data and presents the results in a way that makes clear sense of the data |  |  |  |  |  |
| Communicates research clearly and professionally in both written and oral forms appropriate to the field |  |  |  |  |  |
| Has demonstrated capability for independent research in the area of study, applying substantial expertise in that area and making an original contribution to it |  |  |  |  |  |

Comments: