

Evaluation Rubric for PhD Milestone Meetings, Biomedical Engineering, Duke University

Student _____ Exam Type (Prelim/Proposal/Final Defense) _____ Date _____

1. Outstanding; 2. One or two minor weaknesses; 3. At least one moderate weakness; 4. At least one major weakness; 5. Several major weaknesses

Depth of Knowledge

5	4	3	2	1
---	---	---	---	---

- Student exhibits deep expertise in the underlying technical aspects of the project by responding comprehensively and accurately to questions about related knowledge areas
- Student exhibits deep knowledge of the relevant scientific literature

Comments:

Rigor

5	4	3	2	1
---	---	---	---	---

- The research methodology is well justified in the context of the broader field
- Experiments have been appropriately powered, controlled, and reproduced
- Experiments have been properly interpreted, and unexpected/negative/inconclusive data are appropriately considered and addressed
- The rationale for conducting the project has been articulated and supported in a scholarly way

Comments:

Independence and Creativity

5	4	3	2	1
---	---	---	---	---

- Key novel ideas were contributed by the student
- The student managed and conducted the research with independence
- Collaborative assistance was appropriately sought, managed, and acknowledged

Comments:

Communication

5	4	3	2	1
---	---	---	---	---

- Slides are professional, clear, and well designed
- Speaking style is clear, engaging, and professional
- Document is clear, scholarly, error-free, and well crafted

Comments:

Impact

5	4	3	2	1
---	---	---	---	---

- The work represents an original contribution to society
- The technical need or gap in knowledge that justifies the work is significant and well-articulated
- It is clear how the research addresses this significant need or gap in knowledge

Comments:

Committee Chair _____ Date _____