FINAL ORP RUBRIC (June 21, 2021)

**BMS 605: Original Research Proposal: Evaluation Form**

This evaluation form is for faculty serving on a student’s ORP committee in the Department of BioMolecular Sciences. It is for grade reporting and to assess the student’s written proposal, oral presentation, and defense.

**Student Candidate: Date: Proposal Title:**

|  |  |  |
| --- | --- | --- |
|  | **Score** | **Comments (write neatly! Please continue below or on back)** |
| **Significance** |  |  |
| **Approach – Experimental Design** |  |  |
| **Innovation – Creativity** |  |  |
| **Familiarity with foundational concepts from BioMolecular Sciences** |  |  |
| **Familiarity with current leaders and methods from subject** **area** |  |  |
| **Ability to Defend Proposal** |  |  |
| **Final Impact****Score** |  |  |

The numerical scores for each category evaluated range from 0-100. 100 is exceptional, 20 or less is poor. Faculty will score each of the six categories. Each member’s final impact score will reflect his/her composite evaluation of the six items measured, rather than an average applied to each reviewer’s scores given to each criterion.

The average of the committee member's impact scores will be taken and rounded to the nearest whole number, and the student assigned a grade based on the scale:

**A (100-70); B (69-50); F (<50)**

**Additional Comments:**

**Scoring Rubric**

|  |  |  |
| --- | --- | --- |
| **Score** | **Descriptor** | **Additional Guidance on Strength/Weaknesses** |
| **100** | Exceptional | Exceptionally strong with essentially no weaknesses |
| **90** | Outstanding | Extremely strong with negligible weaknesses |
| **80** | Excellent | Very strong with only some minor weaknesses |
| **70** | Very Good | Strong but with numerous minor weaknesses |
| **60** | Good | Strong but with at least one moderate weakness |
| **50** | Satisfactory | Some strengths but also some moderate weaknesses |
| **40** | Fair | Some strengths but with at least one major weakness |
| **30** | Marginal | A few strengths and a few major weaknesses |
| **<20** | Poor | Very few strengths and numerous major weaknesses |
| **Minor Weakness:** An easily addressable weakness that does not substantiallylessen merit**Moderate Weakness:** A weakness that lessens merit**Major Weakness:** A weakness that severely lessens merit |

**Significance:** The student’s ability as demonstrated in both the written proposal and oral presentation to formulate a hypothesis that identifies one or more important areas of knowledge lacking in the subject area

**Approach – Experimental Design:** The student’s ability as demonstrated in both the written proposal and oral presentation to design a program of study likely to successfully test the hypotheses described, and to describe this program of study in a manner sufficient to demonstrate thorough understanding of the method(s) used

**Innovation – Creativity:** The uniqueness of the student’s hypotheses and experimental approaches in the context of published literature in the subject area

**Familiarity with foundational concepts from BioMolecular Sciences:** The student’s mastery of foundational concepts from BioMolecular Sciences as demonstrated in the written proposal, oral presentation, and defense. Evaluation of the range of the student’s mastery of foundational concepts should be tailored based on the student’s course of study

**Familiarity with current leaders and methods from subject area:** The student’s mastery as demonstrated in the written proposal, oral presentation and defense of the existing literature relevant to the proposed research.

**Ability to Defend Proposal:** The student’s ability to answer questions and respond constructively to criticism from the committee during questioning with poise, professionalism and integrity.