## NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_

This document is part of the fulfillment of the assessment guidelines for the Master’s Degree. This form satisfies the poster option of this assessment:

Attend one Microbiology seminar of their choice and submit a written report that formulates new questions, ideas, and concepts based on the seminar. **Alternatively, students who have completed independent research credits may present a poster summarizing that research.** Reports and posters will be reviewed by MS program director.

The poster does not need to be printed. The student can submit an electronic copy to the Coursework Masters Director who will review it using the rubric on the following page.

The poster should have the following sections:

**Abstract** (250 words maximum): The abstract should summarize the research presented including the research problem, summary of results, and important conclusions.

**Introduction:** The introduction should put the research into the context of the literature on the subject, indicate the significance of the research topic, and state the research problem under investigation.

**Results:** The results should visually present research data in an interpretable fashion such that a scientist not familiar with the work can understand the approach taken, results and analysis of results.

**Conclusion:** The conclusions that can be drawn from the research should be stated succinctly and should logically follow from the results presented. The research question is answered.

Good posters tend to not be cluttered with text and convey as much information as possible through figures and graphics.

A score of 70 or above on the poster is required to receive credit for a poster. If a score below 70 is earned, the student may revise and resubmit the poster.

Signature of Program Director indicates satisfactory completion.

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 (name) (signature)

Additional Comments:

**Poster or talk rubric** (circle score that best describes presentation) A score of >70 is needed to pass this criteria.

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| --- | --- | --- | --- | --- |
| **Criteria** | **Expert** | **Proficient** | **Apprentice** | **Novice** |
| **Significance of Research (15 pts)*** The poster effectively and convincingly makes a case for the importance of the research. The viewer understands why the research was done.
 | 15 | 12 | 9 | 6 |
| **Presentation of Research (30 pts)*** Prominently positions title/authors of paper Thoroughly but concisely presents main points of introduction, hypotheses/ propositions, research methods, results, and conclusions in a well-organized manner
* Narration and/or answering of questions is engaging, thorough, and adds greatly to the presentation
 | 30 | 24 | 18 | 12 |
| **Visual Presentation (30 pts)*** Overall visually appealing; not cluttered; colors and patterns enhance readability Uses font sizes/variations which facilitate the organization, presentation, and readability of the research
* Graphics (e.g., tables, figures, etc.) are engaging and enhance the textContent is clearly arranged so that the viewer can understand order without narration
 | 30 | 24 | 18 | 12 |
| **Documentation and Quality of Sources (8 pts)*** Cites all data obtained from other sources. APA citation style is accurate
 | 8 | 6 | 4 | 3 |
| **Spelling & Grammar  (7 pts)*** No spelling & grammar mistakes
 | 7 | 5 | 3 | 1 |
| **Overall Impression (10 pts)** | 10 | 8 | 6 | 4 |
| **Total (100 pts)** |  |  |  |  |