# **Ph.D. THESIS DEFENSE EXAM in *Pharmaceutical Sciences*: student evaluation and scoring guide**

Candidate Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Evaluation/Guidance** | **Does not meet**  **Expectations** | **Meets**  **Expectations** | **Exemplary**  **Performance** |
| 1. **Problem Definition:** States the research hypothesis clearly and understands the gap in the knowledge. |  |  |  |
| 2. **Background:** Demonstrates sound knowledge of the literature and of prior work on the specific research problem |  |  |  |
| 3. **Impact of Proposed Research:** Explains the significance of the research and its value in advancing knowledge within the area of study and significance to improving health |  |  |  |
| 4. **Approach:** Used appropriate and state of- the-art research methods/tools to test the hypothesis, and can explain the principles behind the methods and limitations |  |  |  |
| 5. **Results:** Data was appropriately analyzed and interpreted. Figures were clear, complete and indicated appropriate statistical analysis |  |  |  |
| 6. **Discussion**: The results were connected with prior research in the field in a detailed and scholarly manner |  |  |  |
| 7. **Quality of Written Communication:** The thesis was written clearly and professionally with minimal technical errors |  |  |  |
| 8. **Quality of Oral Communication:** The oral presentation of the thesis was clear and professional, including the quality of any supporting media such as powerpoint slides |  |  |  |
| 9. **Critical Thinking:** Responded thoughtfully, fully and clearly to public questions |  |  |  |
| 10. **Ethical Aspects**: Student provides assurance that all aspects of the thesis research were conducted ethically and demonstrates awareness of the implication of that assurance |  |  |  |
| 11.**Publications:** At least one peer-reviewed journal article or book chapter has been published or submitted based on this research |  |  |  |

**Overall Assessment:** based on the evidence provided in items 1 – 11 above.

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| **CRITERIA** | **PERFORMANCE RATINGS for Ph.D. THESIS DEFENSE EXAM** | | |
| ***Does NOT PASS Exam*** | ***PASSES Exam*** | |
| **OVERALL, My rating of this Ph.D. thesis defense exam is:** | **Does not meet**  **expectations** | **Meets**  **expectations** | **Exemplary**  **performance** |
|  |  |  |

***Examiner/Major Advisor: Please use the reverse side of this form for written commentary, providing an explanation for any items scored as “does not meet expectations” or detailed comments if the student does not pass. Please provide a copy of this completed evaluation form to the student; return the original SIGNED version to Debra Peters, 115 Pharmacy.***

# **Ph.D. THESIS DEFENSE EXAM in *Pharmaceutical Sciences* Student Evaluation: written comments on performance**

Candidate Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of the Examining Committee Member/Major Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of the Examining Committee Member/Major Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_