

OSU CHEMISTRY GRADUATE LEARNING OUTCOME RUBRIC
FINAL EXAM (PHD DEFENSE)

Candidate Name: _____ Date: _____

Committee Member Name & Signature: _____

Mark <u>one</u> for each of the five evaluated categories	does not meet expectations	Meets Expectations	Exceeds Expectations
1. Research Design & Scientific Process	Your research ideas and design are not focused, effective, and/or grounded. Does not meet expectations: _____	Your research plan is solid, with clear and thoughtful questions, hypotheses, and assumptions. You used the right methods and tackled challenges effectively, leading to an original body of work. Meets expectations: _____	Your research plan is creative and well-defined, demonstrating an innovative approach. You demonstrated strong problem-solving skills. Your research results stand out as cutting-edge. Exceeds expectations: _____
2. Knowledge and Understanding of the Literature and the Field	your knowledge of your field is emergent, not expert level. Does not meet expectations: _____	You have sufficient expertise to explain and apply core knowledge of the discipline well. Meets expectations: _____	You show a deep understanding and expertise of your field by effectively leveraging literature to support your research. You bring unique insights. Exceeds expectations: _____
3. Contribution to the Field	Your body of research exhibits incremental progress compared to existing work. Does not meet expectations: _____	You have contributed new ideas and insights to your field. Your research has made meaningful impact and demonstrates creativity. Meets expectations: _____	Your research is a significant, original contribution, pushing the field forward in exciting ways. You show a high level of creativity and impact that others in the field will build on. Exceeds expectations: _____
4. Written Communication	Your writing may not effectively convey your ideas. There may be significant organization issues. Grammatical and/or spelling errors may be common. Does not meet expectations: _____	Your writing is clear, organized, and mostly error-free. You communicate your ideas effectively, and there is a logical flow. Meets expectations: _____	Your writing is polished, clear, and highly engaging. You communicate complex ideas with ease and clarity. Exceeds expectations: _____
5. Verbal Communication	Speaking about your research is challenging, and the main points may not be clear. Organization and other issues may prevent audience from appreciating your contributions. Does not meet expectations: _____	You are communicating your research clearly in presentations and discussions. You organize your thoughts well and engage with the audience. Meets expectations: _____	Your spoken communication is confident, clear, and highly engaging. You adapt to your audience, explaining ideas skillfully, and respond to questions effectively. Exceeds expectations: _____

Additional Comments (optional):