

OSU CHEMISTRY GRADUATE LEARNING OUTCOME RUBRIC

ORAL PRELIMINARY EXAM

Candidate Name: _____ Date: _____

Committee Member Name & Signature: _____

Mark <u>one</u> for each of the four evaluated categories	Emerging	Meets Expectations	Exceeds Expectations	Comments for improvement (optional)
1. Research Design & Scientific Process	<p>Your research ideas and design may need to be more focused, effective, and/or grounded.</p> <p>Emerging: _____</p>	<p>Your research plan is solid, with clear and thoughtful questions, hypotheses, and assumptions. You are using the right methods and tackling challenges effectively, showing good progress.</p> <p>Meets Expectations: _____</p>	<p>Your research plan is creative and well-defined, demonstrating an innovative approach. Your plan demonstrates strong problem-solving skills. Your research has promise to be cutting-edge.</p> <p>Exceeds Expectations: _____</p>	
2. Knowledge and Understanding of the Literature and the Field	<p>You are still building solid foundational knowledge in your field. You are not yet knowledgeable about hypotheses and recent developments.</p> <p>Emerging: _____</p>	<p>You are able to explain and apply core knowledge of the discipline well. Some key studies and hypotheses known to experts in the field may be missing from your knowledge.</p> <p>Meets Expectations: _____</p>	<p>You show a deep understanding and expertise of your field by effectively leveraging literature to support your research. You bring unique insights.</p> <p>Exceeds Expectations: _____</p>	
3. Contribution to the Field	<p>Your research may still be developing. Your research may feel like it's following existing work closely.</p> <p>Emerging: _____</p>	<p>You are contributing new ideas and insights to your field. Your research is making a meaningful impact and showing good originality, representing advancement of a field.</p> <p>Meets Expectations: _____</p>	<p>Your research is a significant, original contribution, possibly opening new fields of research or creating paradigm shifts in existing fields. You show a high level of creativity and impact that others in the field will recognize as leading-edge research.</p> <p>Exceeds Expectations: _____</p>	
4. Verbal Communication	<p>Speaking about your research is challenging. main points may not be clear. Organization and other issues may prevent audience from appreciating your contributions.</p> <p>Emerging: _____</p>	<p>You are communicating your research clearly in presentations and discussions. You organize your thoughts well and engage with the audience.</p> <p>Meets Expectations: _____</p>	<p>Your spoken communication is confident, clear, and highly engaging. You adapt to your audience, explaining ideas skillfully, and respond to questions effectively.</p> <p>Exceeds Expectations: _____</p>	