

THE UNIVERSITY OF ALABAMA  
DEPARTMENT OF CHEMISTRY

Assessment of Student Competencies at Oral Candidacy Exam

Participating Graduate Student: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Date of Oral Candidacy Exam: \_\_\_\_\_ Years in Graduate Program: \_\_\_\_\_

**Committee Member Instructions:** Please rate the student's performance with respect to each of the dimensions below. Return the completed form to the Departmental Assessment Coordinator at your earliest convenience.

0	1	2	3	4	5	6
failing	developing	competent	very good	outstanding		

1. The student prepared a professional written scientific document with appropriate formatting, figures, and references.

0—1—2—3—4—5—6

2. The written document adequately conveyed the background, significance, and research results associated with the project.

0—1—2—3—4—5—6

3. The student gave a professional scientific presentation with appropriate slide design, organization, and clarity.

0—1—2—3—4—5—6

4. The student accurately presented chemical principles associated with the background, hypothesis, and experimental approach associated with the project.

0—1—2—3—4—5—6

5. The student demonstrated advanced chemistry knowledge in answering questions concerning the project, commensurate with their time in the program and...

0—1—2—3—4—5—6

6. ...relative to a graduating Ph.D. student

0—1—2—3—4—5—6

7. The student devised an original, significant hypothesis and proposed a viable approach to address the question.

0—1—2—3—4—5—6

8. The student demonstrated research progress commensurate with their time in the program.

0—1—2—3—4—5—6