

THE UNIVERSITY OF ALABAMA
DEPARTMENT OF CHEMISTRY

Assessment of Student Competencies at Dissertation Defense

Participating Graduate Student: _____

Committee Member: _____

Date of Dissertation Defense: _____ Years in Graduate Program: _____

To be filled out by advisor:

Number of Refereed Articles Authored: _____ Number of Articles in Preparation: _____

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 professionally written dissertation 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.

0—1—2—3—4—5—6

6. The student contributed to the intellectual development and advancement of the outlined project(s).

0—1—2—3—4—5—6

7. The student demonstrated research productivity.

0—1—2—3—4—5—6