

## CEMB Program Assessment (Academic Policy Series 1630.10)

- A. Specific goals established for students earning degrees
  1. What are we attempting to do for our students?
    - a. Provide graduate students a solid educational foundation in Cell Biology and Molecular Biology.
    - b. Train students how to perform and conduct scientific research in Cell Biology and Molecular Biology.
  2. How well are we doing what we are attempting?
    - a. Students must take and pass an oral examination conducted by program faculty.
    - b. This examination is the terminal examination for completion of their degree.
    - c. This examination will be on their research and knowledge base.
    - d. Student placement post-degree is tracked and reported by each faculty member and reported annually. Initial placement of graduating students will be reported to the Program Director. Subsequent changes in employment will be reported as faculty are aware. The Program Director will maintain this listing for reporting purposes.
- B. Student Assessment
  1. A comprehensive, exit examination graded by faculty in the program.
  2. Completion of a specific research project and production of a thesis (M.S.) or dissertation (Ph.D.) which is graded by faculty in the program.

For calendar year 2023

### **1. Results of analysis of assessment of Student Learning Outcome**

- 1.1. The program had 6 MS and 8 PhD students who took their final oral examinations. All passed their oral comprehensive examinations. All 6 written theses and 8 dissertations were judged acceptable by the faculty committee. Therefore, all 14 satisfied items B.1 and B.2 of student assessment.
- 1.2. The positions these students accepted upon graduation include:
  - 1.2.1. MS Graduates:
    - 1.2.1.1. Two joined CEMB PhD program
    - 1.2.1.2. One is pursuing a Biochemistry PhD at UA
    - 1.2.1.3. Three returned to academic positions in their home country
  - 1.2.2. PhD Graduates:
    - 1.2.2.1. One returned to a faculty position in Philippines
    - 1.2.2.2. Two returned to their home country, status unknown
    - 1.2.2.3. One returned to Saudi Arabia and is seeking a faculty position
    - 1.2.2.4. Four took postdoctoral positions either at UA or other institutions.
2. **Any changes to degree/certificate planned or made on the basis of the assessment and analysis**
  - 2.1. No changes are planned or implemented for Calendar Year 2024
3. **Any changes to the assessment process made or planned.**
  - 3.1. No changes are planned or implemented for Calendar Year 2024