

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 2021

The program had 9 MS and 15 PhD students who took their final oral examinations. All passed their oral comprehensive examinations. All 9 written theses and 15 dissertations were judged acceptable by the faculty committee. Therefore, all 24 satisfied items B.1 and B.2 of student assessment.

The positions these students accepted upon graduation include:

- MS Graduates:
  - Three joined CEMB PhD program
  - One joined the UA Nursing program
  - One took a faculty position at King Saud Bin Abdulaziz University
- PhD Graduates:
  - One on Postdoctoral FDA labs at NCTR
  - Postdoctoral Meat Science and Animal Biologics Discovery Program at the University of Wisconsin-Madison
  - Searching for permanent position in Dominican Republic
  - Searching for research positions in USA
  - Enrolled UA Law School
  - Assistant Professor at the Department of Medical Laboratories in Majmaah University, Saudi Arabia
  - Asst Professor; UA Monticello
  - Temporary scientist FDA labs at NCTR, then return to Iraq
  - Postdoc in BISC at UA
- No changes are planned or implemented for Calendar Year 2020