

**UNIVERSITY OF PUERTO RICO AT HUMACAO**  
**University Development Office/Student Learning Assessment**  
**Chemistry Department/ (Undergraduate Research Activity and Undergraduate Research Courses)**  
**Dr. Tania Malavé, Chairman and Dr. Mirna Rivera, Assessment Coordinator**

**Academic Years: 2016-2021**

**UPR- Humacao Goals:**

**Goal A:** Enhance student success by means of an excellent general and professional education

**Goal E:** Revitalize research through a participatory role by constituents that are involved in emerging paradigms based on competitiveness in the natural, administrative, and human sciences in ways that contribute to the advancement of knowledge and to the solution of problems of the eastern region, Puerto Rico, Caribbean, and beyond

**Actions:**

1. Keep mentoring the students for the research activities
2. The requirements for enrollment in the courses has been clarify
3. Promote participation in courses CHEM 4086-CHEM 4089
4. Promote participation in summer interships
5. Promote participation in meetings to discuss research results

**Undergraduate Research- Course Objectives:**

Provide students with a level of competency in Chemistry which will allow them to work in industries, government or private laboratories, academia or continue graduate studies in Chemistry or related areas

**Assessment Results:**

1. Evidence of academic success: the peer-review publications increased
2. The students presentations at local and national meetings increased
3. The faculty participation in research projects increased
4. The number of approved proposals increased
5. The number of students participation in training programs increased

**Assessment tool:**

- Students poster presentations rubric
- Review CHEM 4086-4089 syllabus
- Publications