I. Description of Project

A. Title of the project and graduate program name

Department of Chemistry: Project to enhance the mentoring experience of URM doctoral students

B. Abstract

We would like to request funds to provide training on research mentoring to faculty in Chemistry. The Center for the Improvement of Mentored Experiences in Research (CIMER) provides training on research mentoring and on culturally-aware mentoring for faculty, as well as training for graduate students on managing their mentoring relationships.

C. Description of the proposed activities.

Entering Research training for graduate students. This training works with students on writing and making presentations about their research methods, rationale and results. It helps the students develop their identity as a researcher, develop confidence and independence and develop career development skills.

Entering Mentoring training for faculty. This training has modules on equity and inclusion, as well as aligning expectations and maintaining effective communication, assessing students’ understanding, fostering independence and promoting research self-efficacy and professional development.

Culturally Aware Mentoring training for faculty. This training increases mentors’ skills for interacting with mentees from different racial, ethnic and social backgrounds than the mentor.

D. Timeline of activities:

September 28, 2020: Entering Research training for graduate students

October 26, 2020: Negotiations training for graduate students

December 2020/January 2021: Entering Mentoring training for faculty

Spring 2021: Culturally Aware Mentoring training for faculty