

EXECUTIVE SUMMARY [NON-CONFIDENTIAL, NON-TECHNICAL ABSTRACT FOR PUBLIC INFORMATION OR PROGRAM PROMOTION]: State the application's broad, long-term objectives and specific aims, making reference to the potential public benefits of the project relevant to California. Do not include proprietary or confidential information. This may be distributed before the funding decision has been finalized.

The demand of skilled quality assurance and quality control (QA/QC) technicians is high in the Pomona/East LA area. As demanded by the surrounding industries, a pharmaceutical QA/QC laboratory course is proposed to prepare our students to enter the workforce. This laboratory course will bridge the gap between academic laboratory courses and the pharmaceutical QA/QC laboratory practices. Students will be familiar with the basic QA/QC analyses as well as the regulatory components related to QA/QC. This laboratory course will enhance our current biotechnology program by adding a new but important subject in biotechnology. Through this laboratory course, students will be trained with the QA/QC laboratory analyses and will also start to understand and appreciate the importance of quality control. With this training, student will be more prepared for working in QA/QC or any field in the biotech industry. This course will also attract students with related backgrounds such as microbiology, chemistry and biology majors to be interested and be trained to work with QA/QC related jobs.