

Cal Poly Pomona - Positions Available

Organic Chemistry Laboratory Instructor

CHM 3140L/3150L Organic Chemistry Laboratory I and II

CHM 2010L Elements of Organic Chemistry Laboratory

Learning Objectives: theory & practice of laboratory techniques (extraction, TLC, distillation, recrystallization, melting point, IR & NMR spectroscopy) and introduction to the synthesis of small molecules (preparation, purification, analysis).

Responsibilities of laboratory instructor

- Meeting with 24-student class once per week for 3-hour lab period, plus one office hour per week for each assigned lab (Fall semester 15 weeks, August 25 – December 11, 2022)
- Preparing and delivering a prelab lecture with an emphasis on safety
- Providing weekly prelab quizzes and periodic spectroscopy problem sets
- Grading quizzes, problem sets, lab notebooks/reports and written lab final exam

Benefits to YOU by being a laboratory instructor

- Boost your resume: gain experience as an instructor of record
- Boost your income: Lecturer salary, multiple sections (and Spring 2023) may be available
- Receive mentoring from senior faculty at a Primarily Undergraduate Institution (PUI)

Requirements and application process

- Applicants must have a M.S. or Ph.D. in Organic Chemistry. Current doctoral graduate students who have advanced to candidacy are welcome to apply.
- Submit a cover letter and curriculum vita (CV/resume) that includes your teaching experience to **Dr. Gregory Barding** by email: **gabarding@cpp.edu**
- Present a 45-minute teaching demonstration on a predetermined topic (candidates are given the topic well in advance of the lecture demo)

Cal Poly Pomona is an Equal Opportunity Employer

Minorities, females, veterans, and those with disabilities are encouraged to apply.