**NSF-CREST Center for Cellular and Biomolecular Machines (CCBM)**

Science and Technology Enrichment Program (STEP) for STEM High School Teachers/High School Students

University of California, Merced—Summer 2017

**Program Overview**

- Professional development and research experience for Merced area STEM high school teachers and high school students
- Teacher/student teams (1 teacher/1-2 students) highly encouraged to apply
- Access to science and engineering research labs
- Faculty-led learning & research activities in biophysics, biochemistry, & bioengineering, as well as campus lab tours
- Research topics include biology, optics, physics, biochemistry and computational modeling
- Research & academic guidance and mentoring from CCBM faculty, graduate students, staff & affiliates, with networking opportunities
- Guidance in curriculum development & Next Generation Science Standards, with other professional development

**Additional Benefits**

- $1250 stipend for teachers, $250 additional payment upon completion of optional related educational module
- $300 for classroom materials/supplies
- $150 stipend for high school students
- UC Continuing Education Credits

**Application Deadline: May 19, 2017**

**Eligibility for teachers/students:**

- Practicing teacher in STEM field, high school level preferred; current or recently graduated high school student
- Bachelor’s degree for teachers
- U.S. citizen, U.S. national, or permanent resident (NSF requirement) to receive payment

**Application materials:**

- Applicant resume(s)
- 250-500 word statement of interest in program, including thrust area preference: [http://ccbm.ucmerced.edu/](http://ccbm.ucmerced.edu/)

**Email application as a combined PDF to:**

Carrie Kouadio, CCBM Executive Director
ckouadio@ucmerced.edu

A program overview meeting will be held in May. Please note: transportation, parking, and room and board are not provided.