



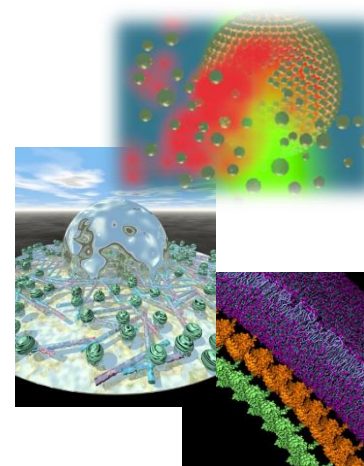
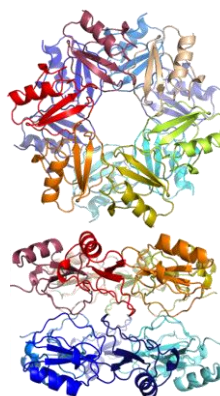
# *NSF-CREST Center for Cellular and Biomolecular Machines (CCBM)*

## **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***

#### **Dates**

- June 5-7: orientation activities
- 50 hours of lab experience in summer, flexible dates and hours—5 hours/day for 2 consecutive weeks required
- Other professional development (date TBD)
- Participation in CCBM Open House (September, date TBD)
- Other optional sessions

#### **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

#### **Strongly encouraged to apply:**

- Merced area high school teacher/student teams
- Teachers/students from underrepresented minority groups, women, and students/teachers with disabilities

#### **Application materials:**

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

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

Carrie Kouadio, CCBM Executive Director  
[ckouadio@ucmerced.edu](mailto:ckouadio@ucmerced.edu)

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

