The CREST Intern will actively participate in the NSF-CREST Center for Cellular and Biomolecular Machines. The center—focused on research, education & outreach—uses an interdisciplinary approach combining physical, biological & engineering methods to understand & control the functioning of multi-scale assemblies of biomolecules & cells, & to design & develop novel bio-inspired functioning machines. The intern will engage in center scientific meetings, develop related STEM education & outreach resources/modules, implement the resources & share/publish the related products.

The CREST Intern’s efforts will amplify the center’s education & outreach capacity & impact.

Application Deadline: Nov. 5, 2018

Projects:

a. Developing center-focused STEM education & outreach activities, modules, & resources (activity guides, presentations, related materials, scientist interviews, etc.) for use in CREST-led events & sessions.

b. Presenting STEM education & outreach activities to diverse audiences in a variety of formats (booths, classrooms, campus visits, etc.) in CREST-led events & sessions, as well as training other center-affiliated students to lead these activities; the Intern will collect feedback, working with the center external evaluator, to further refine resources.

c. Leading a culminating presentation in spring 2019 that discusses the achievements of the experience & publishing the finalized versions of the resources generated on the CCBM website.

Eligibility:
- 3.0 or above cumulative GPA
- Current undergraduate student with plans to enroll in Spring 2019
- Enrolled for at least one semester at time of application

To Apply: Send resume and contact information for two references to:
Carrie Kouadio, CCBM Executive Director ckouadio@ucmerced.edu (209) 228-3608

Focus: synthesizing, communicating, developing, leading, teaching, presenting, researching & writing

Benefits:
- Earn $15/hr, 12-15 hrs/wk in fall/spring (up to $4000)
- Gain professional development experience in STEM education & outreach, focused on center research
- Become an active participant in a National Science Foundation-funded center

http://ccbm.ucmerced.edu