



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

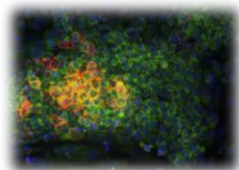
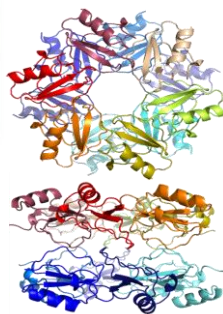
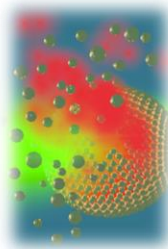
UC Merced – Fall 2018 / Spring 2019

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.

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

The CREST Internship is a UC Merced Student Success Internship (SSI), funded by the UC Office of the President and UC Merced's Office of Undergraduate Education and Division of Student Affairs.

Application Deadline:
Nov. 5, 2018

Projects:

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

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>