

The NSF-CREST Center for Cellular and Biomolecular Machines (CCBM) was established with a \$5 million Centers of Research Excellence in Science and Technology (CREST) grant in 2016 from the National Science Foundation (NSF). The CCBM brings together more than 30 faculty members from multiple units across campus, including bioengineering, physics, chemistry and chemical biology, biomaterials science and engineering, cell and molecular biology, and applied mathematics. The center received an additional \$5 million in 2021 for another 5 years of funding. Researchers are studying how biological matter like proteins or cells come together to perform specific tasks, in hopes of eventually being able to engineer and develop innovations ranging from designer cells and tissue to novel diagnostic and therapeutic devices. The CCBM also hosts an integrated, interdisciplinary training program for graduate students that emphasizes physical and biological components, research and training experiences for undergraduate and high school students to enhance the recruitment of underrepresented groups into STEM research, and outreach experiences for the local community and beyond.

Hosted by the NSF-CREST Center for Cellular and Biomolecular Machines at UC Merced and the NSF STC Center for Engineering MechanoBiology at UPenn

“What Will Your Mechanobiology Do?” “CREST Fellows Undergraduate Research Fellowship Program at UC Merced”

Discover research and training opportunities in the CEMB (UPenn) and CCBM (UC Merced)

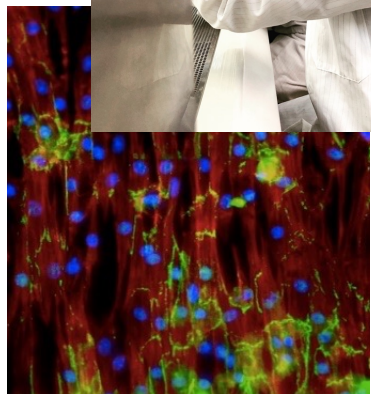
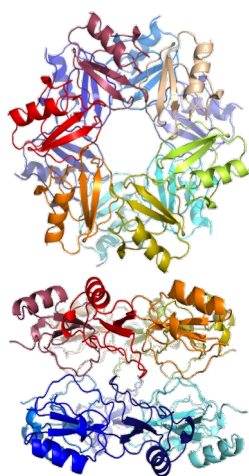
Friday, Sept. 8, 2023

3:00-4:30 pm

SSB 170

ALL are welcome!

Refreshments provided



Prof. Roberto Andresen Eguiluz

NSF-CREST Center for Cellular and Biomolecular Machines (CCBM), University of California, Merced / MBSE

Dr. Petia Gueorguieva

STEM Center / NSF-CREST Center for Cellular and Biomolecular Machines (CCBM), University of California, Merced

Mary McCoy

UC Merced Undergraduate & Participant in NSF STC CEMB Research Experiences for Undergraduates (REU) and NSF-CREST CCBM CREST Fellows Program

Prof. Vivek Shenoy

NSF STC Center for MechanoBiology, University of Pennsylvania / MSE

Dr. Abreeotta Williams-Jones

NSF STC Center for MechanoBiology, University of Pennsylvania

For more information, contact Dr. Gueorguieva, pgueorguieva@ucmerced.edu

Parking - <https://taps.ucmerced.edu/permits/visitorsvendors>

ccbm.ucmerced.edu

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