



The NSF-CREST Center for Cellular and Biomolecular Machines uses an interdisciplinary approach combining physical, biological and engineering methods to understand and control the functioning of multi-scale assemblies of biomolecules and cells, and to design and develop novel bio-inspired functioning machines ranging from designer cells and tissue to diagnostic and therapeutic devices. The center also focuses on enhancing biophysics, biochemistry and bioengineering graduate and undergraduate education; leading STEM outreach activities in the Merced area for teachers, students, and the community; and broadening participation in STEM fields.

Hosted by the NSF-CREST  
Center for Cellular and Biomolecular Machines  
at the University of California, Merced

Science for Humanity  
A series of scientific sessions for the community

# Armando Quintero

## "Water as a Framework for Landscape Scale Networks"

Tuesday, June 25, 2019  
3:00-4:00 pm, COB 2, 267

Water Resources Management is a challenge around the world. At UC Merced, researchers from the Sierra Nevada Research Institute have focused on various aspects of water management from the crest of Sierra to the San Joaquin Valley since the University opened in 2004.

Several UC Merced researchers are members of a multi-campus initiative called UC Water Security and Sustainability Initiative which is focused on strategic research to build the knowledge base for better water resources management. The work of UC researchers combined with an emerging field of land management coordination effort represents an opportunity for solutions that can be applied around the world!



Armando Quintero

Armando Quintero is currently the Executive Director of the Sierra Nevada Research Institute. He is also an elected Board Member of the Marin Municipal Water District and in 2014 he was appointed by Governor Jerry Brown to the California Water Commission where he is the current Chair. He was a career National Park Ranger and has led natural history tours throughout California and through the coastal areas and islands of Baja California.

*Tea and snacks provided.*

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