

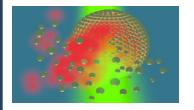
Research — investigating how biological matter like proteins or cells come together to perform specific tasks, in hopes of eventually engineering & developing innovations ranging from designer cells & tissue to novel diagnostic & therapeutic devices. Education / Training / Broadening Participation — Hosting an integrated, interdisciplinary training program for graduate students membrasizing physical/biological - leading research & training experiences for undergraduate & high school students to enhance the recruitment of underrepresented groups into STEM fields. Outreach — leading engaging outreach experiences open to the community and beyond.



Open to all students, faculty, staff, and community

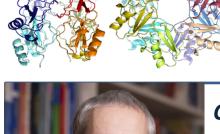
2023 CCBM Open House

Friday, September 22, 2023
UC Merced Conference Center



Scientific Presentations
Keynote Lecture / Public Talk
Poster Session
Discussions
Networking
8:30





8:30 am-12:00 pm, Center Talks 1:00-1:45, Keynote Lecture 1:45 pm – 3:30 pm, Poster session, lab and campus tours, STEM demos



CCBM OPEN HOUSE KEYNOTE LECTURE

"The Future Prospects of Science"

1:00-1:45 pm

Prof. Martin Gruebele

University of Illinois at Urbana-Champaign

Professor Gruebele received his B.S. degree in 1984, and his Ph.D. in 1988, both from the University of California at Berkeley. After working as a postdoctoral fellow at the California Institute of Technology, he joined the faculty of the University of Illinois at Urbana-Champaign in 1992. Dr. Gruebele is also a faculty member of the Beckman Institute. The Gruebele Group is engaged in experiments and computational modeling to study a broad range of fundamental problems in chemical and biological physics. A common theme in these experiments is the implementation of state-of-the-art laser techniques to interrogate and manipulate complex molecular systems, coupled with quantum or classical simulations. The results of these efforts are contributing to a deeper understanding of the way that proteins fold into functional 3-dimensional molecules, the details of how chemical bonds are broken by vibrational motion and how this can be controlled, and the switching of energy flow in large molecular structures on surfaces. https://chemistry.illinois.edu/mgruebel

Guest parking in Bellevue Lot -- taps.ucmerced.edu

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