

Professor Marina Guenza

University of Oregon

November 6, 2023—2:00pm

Tykeson 140



Modeling Complex Molecular Systems on Multiple Scales

I recently came to the realization that over a dozen years have passed since I last presented a seminar on the research developed within the Guenza group for my physical chemistry colleagues and students. Engaging in discussion with some colleagues about science, I have observed that some have limited knowledge about our recent work. Consequently, it may be an appropriate time to share some of our recent research findings.

During my presentation I will illustrate our theoretical approaches to the structure and dynamics of complex systems on multiple scales. The talk will shed light on some key scientific questions within the field of the statistical mechanics of complex systems and highlight the ways our theories have addressed these questions.