USC Center for Artificial Intelligence in Society presents...

Dr. John Clapp

A Systems Dynamic Approach to Understanding Heavy Drinking Events: Measures, Methods and Models

Dr. Clapp will discuss a collaborative modeling effort among a team of engineers and social scientists to better understand the complex dynamics underlying heavy drinking at the event level. The goal of this ongoing effort is to develop *invivo* smart interventions aimed at changing problematic drinking trajectories to prevent event level problems including alcohol poisoning, drunk driving, and sexual assault. His presentation will cover the collaborative modeling effort, computation models, and validation measures and methods. The current state of the models and next steps will be discussed.

November 9th, 4-5 pm
Mudd Hall 101

Dr. Clapp is Executive Vice Dean and Professor in the Suzanne Dworak-Peck School of Social Work. His work has focused largely on the etiology and prevention of acute alcohol-related problems.