



# NIMBioS

National Institute for Mathematical  
and Biological Synthesis

## “Systems Biology of Cell Signaling”

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University of California, Irvine

Tuesday, March 23, 2010

3:30 pm\*

Room 403, NIMBioS Building, 1534 White Ave.

The proper growth, development, and survival of an organism require extensive and accurate communication among cells of the organism. Hence, cells sense and react to a wide variety of stimuli, which convey information such as nutrients, harmful insults, and the state of neighboring cells. Using a systems biology approach that integrates modeling and experimentation, we study two cell signaling systems: 1) robust spatial sensing and signal transduction during mating of yeast cells, and 2) proliferative control of cell lineages in mammalian olfactory epithelium.

*\*Join us for refreshments in the NIMBioS Lobby at 3 pm*