



NIMBioS

National Institute for Mathematical
and Biological Synthesis



Modeling Contamination of Fresh Produce

A NIMBioS Investigative Workshop

April 24-25, 2014

NIMBioS at the Univ. of Tennessee, Knoxville

This workshop aims to develop novel models that capture contamination and pathogen growth dynamics involved in sanitization, packaging and shipping; to develop multi-scale models that connect these supply chain links to form a global picture; to explore how these new models can aid in more relevant data collection for testing and informing model predictions at both the local and global levels; and to provide a venue for collaboration among mathematical modelers, food technologists, statisticians, microbiologists, and industrial and government agency representatives in order to synthesize knowledge in a way that establishes modeling as an indispensable tool for pathogen surveillance and control in the fresh produce industry.

Participation in the workshop is by application only. Individuals with a strong interest in the topic are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, financial support for travel, meals, and lodging is available for workshop attendees.

Application deadline: January 20, 2014

For more information about the workshop and a link to the online application form, go to http://www.nimbios.org/workshops/WS_produce.html

The National Institute for Mathematical and Biological Synthesis (NIMBioS) brings together researchers from around the world to collaborate across disciplinary boundaries to investigate solutions to basic and applied problems in the life sciences. NIMBioS is sponsored by the National Science Foundation, the U.S. Department of Homeland Security, and the U.S. Department of Agriculture with additional support from The University of Tennessee, Knoxville.

