

2020 CPS Research Symposium

June 23-24 | La Jolla, CA

CPS Symposium Research Projects

Michelle Green, PhD - <i>University of Illinois</i>	<u>Engineering and ecological approaches reduce Pacific tree frog intrusion into leafy green agriculture</u>
Renata Ivanek, PhD - <i>Cornell University</i>	<u>FSMA agricultural-water die-off compliance provisions benefit from condition-specific modifiers</u>
Amanda Lathrop, PhD - <i>Cal Poly, SLO</i>	<u>The effects of storage conditions and the natural microbiome of nontraditional fresh-cut salad ingredients on the fate of <i>Listeria monocytogenes</i></u>
Nitin Nitin, PhD - <i>University of California, Davis</i>	<u>Rechargeable antimicrobial and antifouling plastics for improved cleaning and sanitation of plastic bins and totes</u>
Paula Rivadeneira, PhD - <i>University of Arizona</i>	<u>Use of raptors to prevent wild bird and rodent intrusion into fresh produce fields</u>
Gloria Sanchez-Moragas, PhD - <i>IATA-CSIC, Spain</i>	<u>Metagenomics to identify viral indicators in the produce chain</u>
Trevor Suslow, PhD - <i>University of California, Davis</i>	<u>Scientifically valid corrective actions for multiple harvest shadehouse production systems</u>
Siddhartha Thakur, PhD - <i>North Carolina State University</i>	<u>Establishment of vegetative buffer zones to reduce the risk of STEC and Salmonella transmission from animal operations to fresh produce on co-managed farms.</u>
Martin Wiedmann, PhD - <i>Cornell University</i>	<u><i>Listeria</i> whole genome sequence data reference sets are needed to allow for improved persistence assessment and source tracking</u>
Donald Schaffner, PhD - <i>Rutgers University</i>	<u>Managing <i>Listeria</i> Risk in Fresh Produce Using Predictive Models</u>
Gerardo Lopez, PhD - <i>University of Arizona</i>	<u><i>Cyclospora</i> Prevalence in Irrigation Water in Fresh Produce Growing Regions in Arizona</u>
Xiuping Jiang, PhD - <i>Clemson University</i>	<u>Identifying competitive exclusion microorganisms against <i>Listeria monocytogenes</i> from biological soil amendments by metagenomic, metatranscriptomic, and culturing approaches</u>
Emma Hartnett, PhD - <i>Risk Sciences, Intl</i>	<u>Exploring the Relationship Between Product Testing and Risk.</u>
Laura Strawn, PhD - <i>Virginia Tech</i>	<u>A Systematic Review of <i>Listeria</i> Growth and Survival on Fruit and Vegetable Surfaces: Responding to Critical Knowledge Gap</u>
Channah Rock, PhD - <i>University of Arizona</i>	<u>Agricultural Water Treatment – Southwest Region</u>
Matthew Stasiewicz, PhD - <i>University of Illinois</i>	<u>Simulation Analysis of In-Field Produce Sampling for Risk-Based Sampling Plan Development</u>
Daniel Karp, PhD - <i>University of California, Davis</i>	<u>Towards a decision-support tool for identifying and mitigating on-farm risks to food safety</u>
Kerry Cooper, PhD - <i>University of Arizona</i>	<u>Illuminating the role of whole genome sequencing in produce safety</u>
Ana Allende, PhD - <i>CEBAS CSIC</i>	<u>Significance of sanitizers on induction of viable but non-cultivable (VBNC) foodborne bacteria and their survival and resuscitation in fresh produce</u>
Charles Gerba, PhD - <i>University of Arizona</i>	<u>Development of a Model to Predict the Impact of Sediments on Microbial Irrigation Water Quality</u>
Kay Cooksey, PhD - <i>Clemson University</i>	<u>Preventive sanitation measures for the elimination of <i>Listeria monocytogenes</i> biofilms in critical postharvest harboring sites</u>
Renata Ivanek, PhD - <i>Cornell University</i>	<u>Modeling tools for design of science-based <i>Listeria</i> environmental monitoring programs and corrective action strategies</u>
Elliot Ryser, PhD - <i>Michigan State University</i>	<u>Fate of different <i>Listeria monocytogenes</i> strains on different varieties of whole apples during long-term simulated commercial storage</u>
Xiangwu Nou, PhD - <i>USDA ARS - Beltsville</i>	<u>Growth potential and kinetics of <i>L. monocytogenes</i> on different classes of fresh-cut vegetables and tree fruits and characterization of factors affecting the persistence</u>
Boce Zhang, PhD - <i>University of Massachusetts</i>	<u>Non-Fouling Food Contact Surfaces - Prevention of Biofilm and Surface-Mediated Cross-Contamination</u>