

# Department Seminar Series

**UC DAVIS**  
**FOOD SCIENCE AND  
TECHNOLOGY**

**4:10 PM, Wednesday Oct 20, 2021**

**FST290 students meet in person in Room 1207 RMI-South**

**Others may attend remotely by Zoom:**

**<https://ucdavis.zoom.us/j/92208083430>**



Better food and food systems  
through analytical chemistry  
research and extension

**Selina Wang, Ph.D.**

Associate Professor of Cooperative Extension  
Food Science and Technology  
UC Davis

*Dr. Wang received Ph.D. in Organic Chemistry from University of California Davis. She has been the Research Director of UC Davis Olive Center since 2012 and became a Professor of Cooperative Extension in small scale fruit and vegetable processing in the Department of Food Science and Technology in 2018.*

**SUMMARY:** The S. Wang Lab works together with the Food and Agriculture sector to provide practical solutions and to support sustainable growth. This presentation will provide an overview of the three major areas we focus on -- how we develop and apply analytical chemistry tools for mission-driven research and use the findings from our laboratory for educational and technical extension efforts with growers, processors, consumers, and representatives from regulatory and government agencies.



Microbiological safety of  
tree nuts and low  
moisture foods

**Linda J. Harris, Ph.D.**

Professor of Cooperative Extension  
Food Science and Technology  
UC Davis

*Dr. Linda J. Harris received her Ph.D. in Microbiology from North Carolina State University. Her research and extension program focuses on fruits, vegetables and tree nuts. She has spent the past quarter century studying the ecology of foodborne pathogens in the California food production system from fields and orchards through final preparation.*

**SUMMARY:** Almonds, pistachios, and walnuts rank 2, 4, and 10 in top grossing agricultural products in California. Although considered low risk, tree nuts are not “no risk” for foodborne illness. Outbreaks and recalls linking *Salmonella* and consumption of tree nuts have led to a body of research focused on understanding sources, prevalence, persistence, and mechanisms of control of this organism in these systems. An overview of past and current UC Davis research and extension in tree nut food safety will be covered.