



# CAES

The Connecticut Agricultural Experiment Station

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## CAES SEMINAR SERIES

# **“Nanoscale Oral Delivery Systems Made from All Natural Ingredients and Their Potential Applications in Functional Foods”**

## **Dr. Yangchao Luo**

Assistant Professor

Department of Nutritional Sciences

University of Connecticut

### **Wednesday, February 21, 2018**

12:00 noon to 1:00 p.m.

Food and coffee will be available at 11:45 a.m.

### **Jones Auditorium**

### **The Connecticut Agricultural Experiment Station**

### **123 Huntington Street, New Haven, CT**

Oral delivery of food bioactive compounds is among the most challenging aspects in development of functional foods. Exploitation of interactions among food-grade lipids, proteins, and polysaccharides at the molecular level provides a promising strategy to design nanostructures that can serve as safe, stable, and effective delivery vehicles. Dr. Luo will discuss multidisciplinary research to develop gastrointestinal-stable lipid-polymer hybrid nanoparticles for oral delivery of phytochemicals.