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CAES SEMINAR SERIES

“The Good/Bad and the Unknown About Nanotechnology”

Dr. Nubia Zuverza-Mena

Dept. of Analytical Chemistry, CAES

Wednesday, May 24, 2017

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

“There is plenty of room at the bottom,” a speech given by Richard Feynman in 1959, preceded the rapid development of nanotechnology. With the continuous growth in the number of products containing engineered nanomaterials (ENMs) since the beginning of the 21st century, “nano” has become a topic of interest among people, including the scientific community. While we enjoy the benefits that nanotechnology offers, such as antimicrobial socks, conductive inks, transparent sunscreens, etc., the ENMs contained will inadvertently or intentionally end up in the soil, air or water. In this talk, Dr. Zuverza-Mena will present an overview of nanotechnology in our daily lives and will be focusing on the role of ENMs in agriculture. Dr. Zuverza-Mena holds a degree in Materials Science and Engineering from the University of Texas at El Paso and joined the Connecticut Agricultural Experiment Station in August 2016 as a postdoctoral research scientist.