Lunch~N~Learn SEMINAR

NATIONAL COALITION FOR FOOD & AGRICULTURAL RESEARCH (NCFAR)

Program:

PLANT BREEDING FOR FOOD SAFETY

February 20, 2020
Welcome and Introduction

JANE DEMARCHI
NCFAR REPRESENTATIVE

Distinguished Speaker

DR. ALLEN VAN DEYNZE
DIRECTOR, SEED BIOTECHNOLOGY CENTER
UNIVERSITY OF CALIFORNIA-DAVIS

Open Forum

Closing
JANE DEMARCHI

NCFAR is a nonprofit, nonpartisan, consensus-based and customer-led coalition that brings food, agriculture, nutrition, conservation and natural resource stakeholders together with the food and agriculture research and extension community, serving as a forum and a unified voice in support of sustaining and increasing public investment at the national level in food and agricultural research, extension, and education.
ABSTRACT

An increasing global population demands a continuous supply of nutritious and safe food. Edible products can be contaminated with biological, chemical and physical hazards during production, storage, transport, and/or processing and meal preparation. The substantial impact of foodborne disease outbreaks on public health and the economy has led to multidisciplinary research aimed to understand the biology underlying the different contamination processes and how to mitigate food hazards. The talk will review the knowledge, opportunities, and challenges of plant breeding as a tool to enhance food safety of plant-based food products using a multidisciplinary approach to understand plant genotype x environment x microbe x management interactions.

SPEAKER BIOGRAPHY

Allen Van Deynze, Ph.D., is the Director of the Seed Biotechnology Center and Associate Director of the Plant Breeding Center at University of California, Davis. He has a Ph.D in plant breeding from University of Guelph, Canada. His research focuses on developing and integrating genomics into plant breeding of California and African crops. He has programs on breeding for disease resistance and quality in pepper and spinach, and development and application of genomics in crops. With Dr. Kent Bradford he co-developed and is organizer for the Plant Breeding Academy® and past chair of the US Plant Breeding Coordinating Committee. He has been involved in International and National policy including US Regulations for Biotechnology. He is an instructor for the African Plant Breeding Academy and Scientific Director for the African Orphan Crops Consortium.
SEMINAR SERIES DESCRIPTION

NCFAR’s Seminar Series regularly presents leading-edge researchers to address pressing issues confronting the public and Congress. NCFAR and the Seminar Series serve as a resource to policymakers and staff.

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