Lunch~N~Learn SEMINAR

NATIONAL C-FAR

NATIONAL COALITION FOR FOOD & AGRICULTURAL RESEARCH (NCFAR)

Program:

GENOMES TO FIELDS (G2F)

*Predictive Phenomics—The Next Big Thing*

April 2, 2018
PROGRAM

Welcome and Introduction

Natalie Henkhaus, Ph.D.
NCFAR Representative

Distinguished Speaker

David Ertl, Ph.D.
Technology Commercialization Manager
Iowa Corn Promotion Board

Open Forum

Closing

Natalie Henkhaus, Ph.D.

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
G2F is an umbrella initiative to support translation of maize genomic information for the benefit of growers, consumers and society. This public-private partnership is building on publicly funded corn genome sequencing projects to develop approaches to understand the functions of corn genes and specific alleles across environments. Ultimately this information will be used to enable the accurate prediction of the phenotypes of corn plants in diverse environments.

SPEAKER BIOGRAPHY

David Ertl, Ph.D., has served on staff at the Iowa Corn Promotion Board as the Technology Commercialization Manager since 2011. He manages contract research projects in both the public and private sectors. Projects include the areas of biotechnology trait development, phenotyping, genetics and genomics, corn production, biomass production, biofuels, biobased chemicals and start up business ventures. He is responsible for developing new technology, obtaining intellectual property (patents) and out-licensing of technology to commercial providers. Specific projects involve the development of new traits in the areas of nutrient use efficiency, and development of the Genomes To Field public phenotyping initiative. Prior to Iowa Corn, he was a Corn Breeder and later a Research Director at DuPont/Pioneer. He was involved in developing commercial corn hybrids, is an inventor on 15 patents. David has a Ph.D. in plant breeding from Iowa State University.
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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