

Noble Research Institute Professor to Speak Wednesday at SWOSU

11.06.2017

Dr. Carolyn Young, associate professor of molecular mycology in the Forage Improvements Division at the Samuel Roberts Noble Research Institute, will be guest speaker at the Southwestern Oklahoma State University Department of Biological Sciences J.D. Maness Seminar Series this Wednesday, November 8.

Young will present “Taming a root rot pathogen: Integration of geospatial technologies for disease management” in a presentation open to the public at 4 p.m. in Room 212 of the Old Science Building on the Weatherford campus.

Sustainable practices for plant production are critical to feed an ever-growing global population. Dr. Young studies the effects of plant-fungal interactions on plant production quality and quantity. Beneficial, endophytic fungal symbionts can be applied to forage grasses to aid in host persistence. Dr. Young has developed molecular strategies for evaluating beneficial endophyte populations and investigates the evolutionary mechanisms employed by endophytes to enhance plant growth.

Additionally, Dr. Young studies how environmental factors and genomics influence the spread of fungal pathogens that negatively impact the growth and survival of pecan and alfalfa.

For more information about the program, contact SWOSU Assistant Professor Dr. Regina McGrane at 580-774-3046.