You don’t want to miss the first ever Hands-On Session after the Citrus Expo trade show. This unique event will consist of interactive stations to visit. Each station will display recent research projects and technology for Florida citrus. There will also be an area to ‘Meet the Specialists’, UF/IFAS Citrus Extension Faculty, who will be available to answer your questions one-on-one. Plan to join us for this special event!

Light refreshments will be available.

Be one of the first 150 attendees and receive a set of UF 16 oz. drinking glasses.

Location
Lee Civic Center
Davidson House
11831 Bayshore Road
North Fort Myers, FL 33917

Date
Thursday, August 15, 2019
2:00 pm - 4:00 pm
CEUs will be available.

Topics and Presenters

**DRIS**
**Presenter:** Arnold Schumann, Ph.D., UF/IFAS CREC
**Demonstration:** Web-based and smartphone apps to diagnose citrus nutrient deficiencies, pests, and diseases.

**Soil Moisture Sensors**
**Presenters:** Rhuarnito Ferrarezi, Ph.D., UF/IFAS IRREC; Sandra Guzman, Ph.D., UF/IFAS IRREC
**Demonstration:** A range of sensors and loggers or handheld readers, discussing pros and cons, installation, operation and potential cost along with online tools for remote data acquisition.

**Root Pathology**
**Presenter:** Evan Johnson, Ph.D., UF/IFAS CREC
**Demonstration:** Leaf baiting for Phytophthora that can be done for simple presence/absence testing of irrigation water or potting medium along with citrus seedling rhizotrons to view root dynamics.

**Weed Science**
**Presenter:** Ramdas Kanissery, Ph.D., UF/IFAS SWFREC
**Demonstration:** Weed identification at the seedling stage, common herbicide phytotoxicity symptoms, and the importance of using water conditioners when mixing herbicides.

**Water Treatment Technology**
**Presenters:** Matt Krug, UF/IFAS SWFREC; Travis Chapin, UF/IFAS CREC
**Demonstration:** Different ways to manage and monitor microbial quality of pre-harvest agricultural water – either through water testing or through water treatment.

**Soil and Water pH**
**Presenters:** Kelly Morgan, Ph.D., UF/IFAS SWFREC; Davie Kadyampakeni, Ph.D., UF/IFAS CREC
**Demonstration:** Discuss the data supporting soil acidification and provide instruction on laboratory and field pH measurements of soil and water.

**Fungal Diseases**
**Presenter:** Megan Dewdney, Ph.D., UF/IFAS CREC
**Demonstration:** Examine fungal disease samples and the cultures of the pathogens visually and with microscopes to better identify the disease and discuss management.

**Psyllid Attract-and-Kill Trap**
**Presenter:** Lukasz Stelinski, Ph.D., UF/IFAS CREC
**Demonstration:** View the attract-and-kill device that attracts adult psyllids and discuss the creation, purpose, and usage of the trap.

**Weather Stations**
**Presenter:** Rick Lusher, UF/IFAS Florida Automated Weather Network; Chris Oswalt, UF/IFAS Extension Polk County
**Demonstration:** Various decision-making tools that use real-time weather data from the Florida Automated Weather Network (FAWN).

**Citrus Mites**
**Presenter:** Lauren Diepenbrock, Ph.D., UF/IFAS CREC
**Demonstration:** Learn to identify problematic mite pests in citrus and determine the best management actions in groves.

**Diaprepes Root Weevil**
**Presenter:** Larry Duncan, Ph.D., UF/IFAS CREC
**Demonstration:** Display of larvae and adult life stages of the Diaprepes Root weevil along with entomopathogenic nematodes.

**Meet the Specialists**
**UF/IFAS SWFREC**
Sarah Strauss, Ph.D.
Ioannis Ampatzidis, Ph.D.
Ute Albrecht, Ph.D.
Tara Wade, Ph.D.
Ozgur Batuman, Ph.D.
**UF/IFAS CREC**
Christopher Vincent, Ph.D.
**UF/IFAS IRREC**
Mark Ritenour, Ph.D.