



October 24, 2018

Welcome to SWFREC Update E-news! This newsletter is distributed biweekly and contains news about the center and its faculty and staff, program research updates, and upcoming events.

**Web site:** <https://swfrec.ifas.ufl.edu/>

**Social media:**  

**Farm Labor Supervisor Training:** A two-day UF/IFAS Farm Labor Supervisor Training Program is happening this week at the UF/IFAS Gulf Coast Research and Education Center in Wimauma. The program was developed by the SWFREC agricultural economics program and is organized by education/training specialist Barbara Hyman and project coordinator Carlene Thissen. The same training will take place at SWFREC November 27-28. For more information, scroll down to “Upcoming Events.”



**Soil Health and Sustainability In-Service Training:** Two SWFREC faculty members



helped to lead a recent UF/IFAS in-service training at the Everglades Research and Education Center in Belle Glade. Center director and soil scientist Dr. Kelly Morgan and soil microbiologist Dr. Sarah Strauss presented “Soil Fertility and Crop Nutrition” and “Impact of Soil Microbiology,” respectively. The workshop addressed UF/IFAS Extension Roadmap High-Priority Initiatives #1 (Increasing the Sustainability, Profitability, and Competitiveness of Agricultural and Horticultural Enterprises) and #3 (Enhancing and Conserving Florida’s Natural Resources and Environmental Quality).

**SWFREC Faculty Named UF Research Foundation Professor:** Water resources engineer



Dr. Sanjay Shukla has been named one of 33 UF faculty members honored as UF Research Foundation Professors for the term 2018-2021. He is among six IFAS faculty recognized. Dr. Shukla received the award at a ceremony in Gainesville last week. The honor includes a \$5,000 annual salary supplement and a one-time \$3,000 grant. Congratulations, Dr. Shukla!

**Two New Refereed Journal Articles:**

“Management of Insect and Mite Pests with Predaceous Mites in Open-Field Vegetable Crops.” SWFREC authors: former entomologist Dr. Phil Stansly, assistant-in entomology Jose Castillo, senior biological scientist Barry Kostyk, and former entomology program scientist James Tansey. *Israel Journal of Entomology*, Vol. 48(2), pp. 83-111 (June 2018). To see the full article, click here: [https://swfrec.ifas.ufl.edu/docs/pdf/entomology/publications/Stansly\\_etal\\_2018\\_IJE\\_ManagementInsectPests.pdf](https://swfrec.ifas.ufl.edu/docs/pdf/entomology/publications/Stansly_etal_2018_IJE_ManagementInsectPests.pdf).

“Evaluating the Performance of Spectral Features and Multivariate Analysis Tools to Detect Laurel Wilt Disease and Nutritional Deficiency in Avocado.” SWFREC authors: post-doctoral research associate Jaafar Abdulridha and precision ag engineer Dr. Yiannis Ampatzidis. *Computers and Electronics in Agriculture*, Vol. 155, pp. 203-211 (December 2018). To see the full article, click here: [https://swfrec.ifas.ufl.edu/docs/pdf/precision-ag-eng/publications/Abdulridha\\_etal\\_20181016\\_Elsevier.pdf](https://swfrec.ifas.ufl.edu/docs/pdf/precision-ag-eng/publications/Abdulridha_etal_20181016_Elsevier.pdf).

**Trade Journal Articles:** SWFREC weed scientist Dr. Ramdas Kanissery and lab technician Camille McAvoy wrote two articles recently. “Don’t Let Vine Weeds Trip You Up” can be found on the Citrus Industry magazine web site at: <http://citrusindustry.net/2018/10/17/dont-let-vine-weeds-trip-you-up/> and “Hydrogels as Herbicide Carriers in Vegetable Plasticsulture” can be found on the Vegetable and Specialty Crop News web site at: <http://vscnews.com/hydrogels-as-herbicide-carriers-in-vegetable-plasticsulture/>.

**Pathologist Featured:** SWFREC vegetable pathologist Dr. Pam Roberts is featured in an article called “Late Blight: Centuries-Old Pathogen with Deadly Impacts” on the Vegetable and Specialty Crop News web site. The article includes information she presented at the Citrus Expo with Vegetable and Specialty Crops event in August in Fort Myers. To read the full article, click here: <http://vscnews.com/late-blight-centuries-old-pathogen-with-deadly-impacts/>.

### **Upcoming Events:**

#### **Citrus Nursery Workshop**

October 25, 2018, 9:00am-2:15pm

UF/IFAS Citrus Research and Education Center, Lake Alfred

Two SWFREC faculty members, plant physiologist Dr. Ute Albrecht and citrus horticulturist Dr. Fernando Alferez, are among the speakers. For the agenda and registration information, click

here: [https://drive.google.com/file/d/14psLeMR\\_icANH92D15K9m9ghmgkxl-46/view](https://drive.google.com/file/d/14psLeMR_icANH92D15K9m9ghmgkxl-46/view).

#### **Citrus Squeezer: Breeding Citrus Trees for Citrus Greening Tolerance: New Cultivars, New Rootstocks, and Scion/Rootstock Combinations**

November 8, 2018, 10:00am-1:00pm

SWFREC

For more info and registration details, click

here: <https://drive.google.com/file/d/1AQoIM6wP4bUh3MVCaxPtSkfMKN0ceTNh/view>

#### **SWFREC Open House**

November 15, 2018, 10:00am-2:00pm

**RSVP to reserve your spot! 239-658-3400 or [jderleth@ufl.edu](mailto:jderleth@ufl.edu).**

# YOU'RE INVITED SWFREC OPEN HOUSE

## NOVEMBER 15, 2018

### Before the Bounty: The Science of Crop Production

You and your colleagues are cordially invited to the annual open house at the UF/IFAS Southwest Florida Research and Education Center (SWFREC).

Enjoy casual tours of our laboratories, guided trolley tours of our farm facilities, and educational science demonstrations.

Learn about research, extension, and other outreach activities that touch every community in southwest Florida.

Open House will take place between

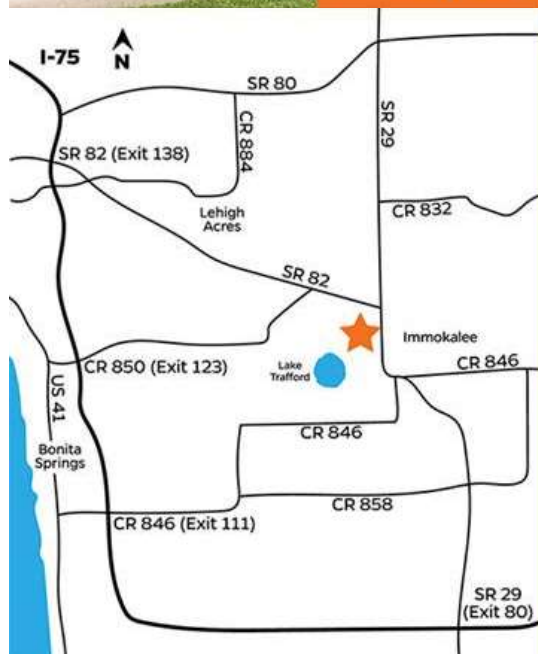
**10 a.m. & 2 p.m.**

with lunch being served from

**11 a.m. - 1 p.m.**

RSVP by phone at (239) 658-3400  
or email to [jderleth@ufl.edu](mailto:jderleth@ufl.edu)

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UNIVERSITY of FLORIDA



**UF/IFAS**  
UNIVERSITY of FLORIDA

### UF/IFAS Southwest Florida Research and Education Center (SWFREC)

2685 SR 29 N  
Immokalee, FL 34142  
(239) 658-3400

*(approximately 1 mile north of Immokalee  
on the west side of State Road 29)*

## HACCP for Florida Fresh Fruit and Vegetable Packinghouses

November 19-20, 2018

SWFREC

For detailed class schedule and to register, click

here: <https://www.eventbrite.com/e/haccp-for-florida-fresh-fruit-and-vegetable-packinghouses-immokalee-registration-45346926879>.

## **UF/IFAS Farm Labor Supervisor Training**

November 27-28, 2018

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For detailed class schedule and to register, click

here: <https://swfrec.ifas.ufl.edu/programs/economics/fls/>.

## **Vegetable Field Day: “Risks in Technology Adoption”**

November 29, 2018, 9:00am-4:00pm

SWFREC

Includes field demonstrations and indoor presentations that feature five SWFREC programs. For a detailed agenda and registration information, click

here: [https://swfrec.ifas.ufl.edu/docs/pdf/events-agendas/2018-11-29\\_VegetableFieldDay-Flyer-Agenda.pdf](https://swfrec.ifas.ufl.edu/docs/pdf/events-agendas/2018-11-29_VegetableFieldDay-Flyer-Agenda.pdf)

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SWFREC Update E-news

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