

Mid-Conference Citrus Tour Agenda

March 12, 2019; 1:00-4:30 PM

Tour departs from and returns to the Riverside Convention Center



INTERNATIONAL ORGANIZATION OF CITRUS VIROLOGISTS



12:30 Buses load at Riverside Convention Center parking lot, 3637 5th St., Riverside

12:45 Buses depart

Stop #1A: Germplasm 1:00 PM-1:45 PM (45 min)

1060 Martin Luther King Blvd, Riverside, CA 92507

Visit the National Clonal Germplasm Repository for Citrus and Dates (NCGRCD), USDA Agricultural Research Service (ARS). The repository was established in 1987 as one of 20 genebanks in the National Plant Germplasm System (NPGS). Its mission is to acquire, maintain, preserve, document, characterize, evaluate, and distribute germplasm of the genus *Citrus* and related taxa in order to preserve the genetic diversity of the *Rutaceae* family for the long-term. We will discuss how this mission is accomplished and the quarantine regulations which must be followed. You will see the USDA APHIS-inspected protective screen house which houses the sanitized collection, biological indexing within the protective greenhouse, and a demonstration of how material is processed for long-term preservation by cryopreservation.

MaryLou Polek, Ph.D., Research Leader & Plant Pathologist, USDA ARS, Nat'l Clonal Germplasm Repository for Citrus & Dates

Stop #1B: Citrus Variety Collection 1:50 PM-2:35 PM (45 min)

1060 Martin Luther King Blvd, Riverside, CA 92507

Visit to the UCR Citrus Variety Collection, a key resource for research, breeding, characterization and outreach. The 1048 cultivars and species of citrus and related genera in the Aurantiodeae were amassed over 100 years since establishment as part of the UC Citrus Experiment Station in Riverside, CA. The CVC contains both field trees and a "back-up" collection of potted trees cooperatively maintained by UCR CVC and USDA National Clonal Germplasm Repository for Citrus (NCGRC) in federally approved Asian Citrus Psyllid (ACP) exclusionary structures to protect against potential Huanglongbing (HLB) infection. A new-screened structure for additional trees of each accession will provide further protection and assure sustainable growth, flowering and fruit set. The tour will provide an opportunity to view and taste a small portion of this diversity.

Tracy Kahn, Curator and Givaudan Citrus Variety Collection Endowed Chair, University of California Riverside

Stop #1C: UC Riverside Agricultural Operations 2:45 PM-3:30 PM (45 min)

1060 Martin Luther King Blvd, Riverside, CA 92507

Tour of the UC Riverside Agricultural Operations

The University of California founded the [Citrus Research Center and Agricultural Experiment Station \(CRC-AES\)](#) becoming the Citrus Experiment Station in Riverside, CA in 1907. The CRC-AES is world renowned for research on subtropical crops, turf, vegetables and field crops. Current research includes the development of citrus varieties and rootstocks, as well as disease and insect management, postharvest disease control and handling methods, and cultural practices for improved citrus production. The tour will include stops at research sites and will include the heritage grove to see the trees where Dr. Fawcett originally identified citrus concave gum as well as other important viroid diseases. The CRC-AES is managed by the Department of Agricultural Operations, a support Department of the [College of Natural and Agricultural Sciences \(CNAS\)](#). Agricultural Operations serves as a point of integration for applied and basic research under field, greenhouse, and screenhouse conditions and offers the opportunity to collaborate across disciplines. Essentially, it is the field laboratory of CNAS.

Peggy Mauk, Ph.D., Director, Agricultural Operations, University of California Riverside

Stop #2: The California Citrus Clonal Protection Program/Delfino Lab 3:45 PM-4:45 PM (1 hour)

4650 14th Street, Riverside, CA 92507

The California Citrus Clonal Protection Program (CCPP) is a part of the University of California, Riverside, Department of Plant Pathology. The CCPP is a cooperative program with the California Department of Food and Agriculture (CDFA), the United States Department of Agriculture Animal and Plant Health Inspection Service (USDA-APHIS) and the citrus growers of the state of California represented by the Citrus Research Board. The CCPP is responsible for the introduction, disease diagnosis, pathogen elimination, maintenance and distribution of true-to-type primary citrus propagative material of all the important fruit and rootstock varieties for the needs of the California citrus industry, citrus researchers, and over 2,000 citrus enthusiasts.

Georgios Vidalakis, Ph.D., Microbiology & Plant Pathology, UC Riverside

5:00 PM Return to the parking lot of the Riverside Convention Center, 3637 5th St., Riverside