

City Kids Tour

- We participated in the City Kids Tour on the South Florida Fairgrounds in West Palm, FL. We provided an informative exhibit on diverse soil types and soil subsidence diagrams.
- Other departments like entomology, plant breeding, and plant pathology also showcased their tables at the event.
- "City Kids" High school students engaged in hands-on learning about farming, and were able to experience a different way of life than their own.

UF/IRREC

- Our research team made a stop at the UF/IRREC facility in Fort Pierce, FL
- We engaged with Dr. Sandra Guzman (Agricultural Engineering) and her team.
- The visit introduced us to the innovative "GatorByte" device for detecting and locating pollutants in water using GPS coordinates and water-quality measurements.
- The visit allowed us to establish connections and broaden our knowledge.

Site Visits

- Organizations visited the center, including USDA-NRCS and the EPA, to learn about the Conservation Effects Assessment Project (CEAP) and our soil health research
- The visit began with a tour of the fields and labs, followed by a presentation and updates in the main conference room.
- We also visited the UF/FL Crystals rice variety trial with Dr. Matthew Vanweelden
- Dr. Vanweelden shared insights on the historical aspects of rice cultivation in the Everglades.

Gainesville

- We visited the UF campus in Gainesville to engage with esteemed STEPS faculty members.
- Dr. Jonathan Judy (Soil and Water Chemistry department): Research on destiny of pollutants from intensive agriculture and grazing areas.
- Dr. Elise Morrison (Environmental Engineering Department): Use of chemical biomarkers to study organic matter turnover in treatment wetlands and its relation to phosphorus biogeochemistry.
- Dr. Juan Nino's lab (Material Sciences and Engineering) and PhD student Elizabeth Grager: Research on processing, phase stability, and conductivity of multication-doped ceria.



Preparing for the City Kids Tour



Presenting to City Kids



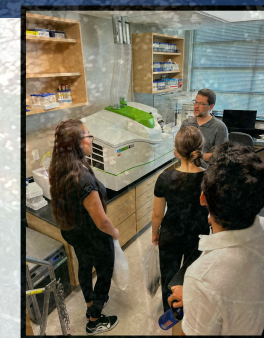
Dr. Guzman presenting



USDA lab tour



Dr. Morrison presenting



Dr. Judy presenting



Faculty at City Kids Tour



A "GatorByte"



Dr. Guzman's PhD student presenting



Dr. Vanweelden rice variety trials



USDA at subsidence post



Dr. Morrison discussing technology

KNOWLEDGE TRANSFER

EDUCATION AND HUMAN RESOURCES

RESEARCH THEME 2: HUMAN-TECHNOLOGY