LACC/Fairchild Tropical Botanic Garden
Tropical Conservation K-12 STEM Teacher Training Workshops
June 24 or July 22, 2020: 9am - 3pm

9:00 am - 9:30 am - Welcome - Jamie Anderson, Fairchild
Botany for your classroom and Virtual Learning
Pre -evaluation - Mentimeter

9:30 am - 10:00 am - Welcome to the Tropics - Dr. Brett Jestrow, Fairchild
Session focus: biomes and biodiversity hot spots

10:00 am - 10:15 am - Tropical Biodiversity - Dr. Jason Downing, Fairchild
Video tour Rainforest @ Fairchild: major families, epiphytes

10:15 am - 10:30 am - Breakout Session
Session focus: fostering classroom discussion and activities

10:30 am - 11:00 am: Roots, shoots, and plant phytochemistry- Dr. Manuel Barbieri, FIU
Session focus: basic botany and phytochemistry

11:00 am - 12:00 pm: LUNCH Break

12:00 am - 12:30 pm - Tropical Plant Adaptations - Dr. Javier Ortega, FIU
Session focus: tropical plant rule breakers, Tepuis ecosystem

12:30 pm - 12:45pm - Breakout Session

12:45 pm - 1:15 pm- Tropical Plant Conservation - Dr. Javier Ortega, FIU
Session focus: botanical gardens role in tropical plant conservation

1:15 pm - 2:00 pm - Climate Change Discussions for your classroom- Olga Tserej, UM

2:00pm -3:00 pm - Lesson Development Panel - Jamie Anderson, Fairchild
Technology in Education
Post Evaluation- Mentimeter

This workshop is generously supported by the Kimberly Green Latin American and Caribbean Center Title IV grant.