



2022 Joint SEB & APS-CD Meeting **Creating and Renewing Connections**

26 – 30 March | San Juan, Puerto Rico



Reunión conjunta SEB y APS-CD 2022 **Creando y renovando conexiones**

26 – 30 Marzo | San Juan, Puerto Rico

PROGRAM BOOK

Sponsors of the 2022 Joint SEB & APS-CD Meeting

Our sponsors provide support for the mixers, breakfast, and various other functions of the meeting. In so doing, they help reduce the registration costs and provide a much more enjoyable environment for our meeting. Please be sure to express your appreciation to our sponsors:

Platinum (≥ \$2,500)



Gold (\$1,000-2,499)



Silver (\$500-\$999)



Table of Contents

SPONSORS	2
MEETING INFORMATION	4
INFORMATION	4
SEB & APS-CD MEETING ORGANIZERS	6
SEB-ESA LEADERSHIP	7
SPECIAL ACKNOWLEDGEMENTS	7
2022 SEB-ESA AWARD WINNERS	9
PROGRAM SCHEDULE	18
FLOOR PLANS	22

Meeting Information and Policies

PROGRAM SCHEDULE:

The Joint Meeting will be a hybrid meeting with both in-person and virtual presentations as part of our scientific program. The meeting will combine four days of an in-person meeting with onsite sessions being streamed to the virtual audience, allowing all members to participate in the meeting, regardless of travel.

All activities will be in the Sheraton Puerto Rico Hotel & Casino, San Juan, Puerto Rico. Sessions must adhere to the printed schedule. It is the moderators' responsibility to keep speakers on schedule. If a scheduled presentation is not given, the moderator should ensure that the next speaker does not begin until his/her scheduled time.

AUDIOVISUAL PRESENTATIONS:

For All Presenters: Please design your material so that it can be read easily by the audience when it is projected. Presentations should be created in a format compatible with PowerPoint (.pptx) and **formatted in a 4:3 aspect ratio**. All meeting room computers are PCs, so presenters who create a presentation using a Mac should test the file on a PC prior to the meeting. All meeting rooms will be equipped with an LCD projector, projector screen, computer, and microphone.

Presenters are expected to **upload their presentation(s) no less than two hours prior to their scheduled session**. Laptops with presentations uploaded will be moved to the respective rooms 30 minutes before the start of the sessions. The Presentation Preview and Upload AV room will have computers for presenters to load and preview presentations located in the **Luna Boardroom** at the following times:

Saturday, March 26 1:00 PM-5:00 PM
 Sunday, March 27 7:00 AM-5:00 PM
 Tuesday, March 29 7:00 AM-5:00 PM
 Wednesday, March 30 7:00 AM-12:00 PM

Please upload your talk in the appropriate folder. Your presentation should be named with your presentation number, last name, first name: "PresentationNumber_Last Name_First Name". Presenters who fail to upload more than two hours prior to their session may upload in the session room as long as it does not impact the timing of the session or any other presentations.

For Moderators: 20 minutes before the start of your session, you must come to the Presentation Preview and Upload AV room (Luna Boardroom) to copy your session's folder onto a flash drive. There will be a laptop in each presentation room where you can transfer the session folder containing the presentations.

DISPLAY PRESENTATIONS:

Poster boards measuring 4 ft. x 8 ft. will be provided for each display presentation in **Laguna rooms 1-2**. So that we can fit 2 posters per board, posters should be no larger than 46 x 46 inches (117 x 117 cm). Displays should be mounted on the boards (assigned by the number of the presentation) using pushpins, and authors are asked to bring their own pins or Velcro strips to secure their display to the poster boards.

For Student Competition Poster Presenters: Displays for Sunday, March 27 should be set up on Saturday, March 26 evening from 7:00 PM – 9:00 PM or Sunday morning from 7:00 – 8:00 AM in Laguna rooms 1-2. Students should be present at their posters on Sunday, March 27 from 4:00 PM – 5:00 PM. Students are encouraged to keep their posters up until 5:00 PM, and posters should be removed by 7:00 PM on Sunday evening.

For Regular Poster Presenters: Displays for Tuesday, March 29 should be set up on Monday, March 28 from 5:00 PM – 7:00 PM or Tuesday morning from 7:00 AM – 8:00 AM in Laguna rooms 1-2. Posters should be available for viewing from 8:00 AM – 5:00 PM. Presenters should be at their posters from 4:00 PM – 5:00 PM on Tuesday. Be sure to remove all displays by 7:00 PM on Tuesday.

REGISTRATION:

Registration is mandatory to attend the meeting. On-site registration fees include a luncheon ticket and are: Active Members (ESA & APS)-\$450; ECP (ESA & APS) Members-\$450; Student Members (ESA & APS)-\$295; ESA Emeritus and Honorary Members-\$295; Guests-\$100; and Non-members-\$650. One-day registration fee is \$450.

Registration Desk is located in Laguna Foyer, and will be open for check-in (pre-registered attendees) and for on-site registration at the following times:

Saturday, March 26 1:00 PM-5:00 PM
 Sunday, March 27 7:00 AM-4:00 PM
 Tuesday, March 29 7:00 AM-4:00 PM
 Wednesday, March 30 7:30 AM-9:00 AM

FUNCTIONS/EVENTS:

We have several activities that should be of interest to participants.

Sunday: 8:00 AM-10:00 AM Joint Plenary Session
 (Miramar 4)

5:00 PM-7:00 PM Entomology Games, Finals
 (Miramar 4)

7:00 PM-9:00 PM Welcome Reception
(Bella Vista Terrace)

Monday: All day scheduled tours ([see online](#))

Tuesday: 8:00 AM-4:00 PM Mississippi Bug Blue
(Laguna Foyer)

12:15 PM-1:45 PM Joint Awards Luncheon
(Miramar 1-3)

5:30 PM-7:30 PM APS-CD Business Meeting
(Bahia 2)

5:30 PM-7:30 PM SEB Final Business Meeting
(Bahia 1)

Wednesday: 7:00 AM-7:45 AM ESA Town Hall
(Bahia 2)

As a registered accompanying guest at this meeting, you will be eligible for all of the above. In addition, you are welcome to attend any of the other meeting events including: Plenary Session, Linnaean Games, etc.

CODE OF CONDUCT:

By attending the 2022 Joint Southeastern Branch & American Phytopathological Society – Caribbean Division Annual Meeting, you agree voluntarily to abide by our ethics policy. The full policy may be found online at entsoc.org/conduct. If you need to file a complaint, please contact Stacie East, ESA's Director of Diversity, Equity, and Inclusion at +1 (301) 731-4534 #3030 or seast@entsoc.org.

SOCIAL MEDIA:

We are excited you could join us this year and would love for you to share your experiences! Please use #SEBAPS2022 for Twitter and visit our Facebook page SEB_Entsoc to share your pictures, thoughts, and opinions with us! Let's make this an unforgettable event!

ESA Sections

Medical, Urban & Veterinary Entomology (MUVE) deals with insect interactions with other animals, including humans, including medical entomology, urban entomology, veterinary entomology, forensic entomology, epidemiology, integrated disease management, human and veterinary parasitology, public health pest management, mosquito control, management of structural pests (e.g., termites, ants), and others.

Physiology, Biochemistry, and Toxicology (PBT), formerly Integrative Physiological and Molecular Insect Systems or IPMIS, is for people who study insects at the cellular or molecular levels, and it includes topics such as biochemistry, microbiology, toxicology, endocrinology, cytology, molecular biology, allelochemicals, pheromones, hormones, metabolism, and others.

Plant-Insect Ecosystems (P-IE) deals with insect interactions with plants, including behavioral, ecological, and evolutionary relationships in natural landscapes, as well as integrated pest management (IPM) in agriculture, horticulture, forests, and lawn and garden. Aspects of crop protection, host-plant response, plant pathology/vectors, pollination, biological control, microbial control, and others are relevant.

Systematics, Evolution, and Biodiversity (SyEB) is for people who study insect anatomy, classification and history. As the name implies, it focuses on systematics, evolution and biodiversity, but it could also include morphology, ecology, population dynamics, genetics, phylogeny, nomenclature, biogeography, zoology, and other specialties.

2022 Joint SEB-ESA & APS-CD Meeting Organizers



Dr. Michelle Samuel-Foo
SEB President



Dr. Judith K. Brown
APS-CD President



Dr. Lina Bernaola
Program Chair



Dr. Jose Carlos Verle
Local Arrangements Chair



Dr. Sriyanka Lahiri
Student Awards Co-Chair



Dr. Nannan Liu
Student Awards Co-Chair

2022 SEB-ESA Leadership

Executive Committee

President, Michelle Samuel-Foo
President-Elect, Amanda Hodges
Past President, John Adamczyk
Secretary/Treasurer, Brett Blaauw
Member at Large 1, Juang Chong (2022)
Member at Large 2, Kevin Chase (2023)
Member at Large 3, Clark Klein (2024)
Gov. Board Representative, Karla Addresso

Program Committee

Chair, Lina Bernaola
Member, Judith Brown (APS-CD)

Local Arrangements Committee (San Juan, Puerto Rico, 2022)

Chair, Jose Carlos Verle Rodrigues (APS-CD)
Member, Rosa Franqui (APS-CD)

Professional Awards Committee

Chair, Ted Cottrell
Member, Cory Penca
Member, Matthew Bertone
Member, Rodrigo Diaz
Member, Kelly Oten

Student Awards Committee

Co-Chair, Naanan Liu
Co-Chair, Sriyanka Lahiri
Member, Arun Babu
Member, Ting Li

Entomology Games Committee

Chair, Jerome Grant

Nominations Committee

Chair, Shimat Joseph
Member, Olufemi Ajayi

Sponsorship Committee

Chair, Kevin Chase
Member, Jose carlos Verle Rodrigues (APS-CD)

Education Committee

Chair, Eric Riddick
Member, John Guyton
Member, Michelle Samuel-Foo

Special Acknowledgments

A special thanks to the following:

- ESA Central Staff: Becky Anthony and Javhana Johnson.
- Confex Staff, especially Amy Coli for program assistance.
- All of our moderators, Student Competition judges, and student volunteers
- All of our meeting sponsors

Professional Awards

Award for Excellence in Integrated Pest Management

Dr. Lambert H. B. Kanga



Dr. Lambert Kanga is a Professor of Entomology at Florida A&M University in Tallahassee, Florida, where he is the Chair of the Entomology Program and Director of the Center for Biological Control in the College of Agriculture and Food Sciences. He has provided leadership in innovation and promotion of IPM in beekeeping, particularly for the ectoparasitic Varroa mite, a major culprit of colony collapsed disorder of honeybee colonies. Dr. Kanga pioneered the use of fungal pathogens to control Varroa mite and the destructive invasive pest species, the small hive beetle, in honeybee colonies, providing new, environmentally friendly avenues for managing major honeybee pests. He was also first to discover and demonstrate the efficiency of two egg parasitoids (*Paratelenomus saccharalis* and *Ooencyrtus nezarae*) to control the kudzu bug (*Megacopta cribraria*) in Florida. Research under his supervision in forest ecosystems revealed five potential vectors of the deadly laurel wilt disease of redbay (*Persea borbonia*) and other trees in the family Lauraceae (such as avocado) in the Florida Apalachicola National Forest and provided awareness to serious threats to Florida forest ecosystems. Against major

pests of horticultural crops, he determined the impact of new biorational insecticides, and exotic and native biological control agents (parasitoids, predators, and microbial agents such as *Pseudogibellula*). Dr. Kanga has provided stakeholders with information about his findings through media outlets such as the National Public Radio, the American and Society for Microbiology, the Spanish Channel (Univision), and the Black News Channel on issues related to honeybees and invasive pest species.

Distinguished Achievement Award in Extension

Dr. Dominic Reisig



Dr. Dominic Reisig has been a professor and Extension specialist in the Department of Entomology and Plant Pathology at North Carolina State University since 2009. His program is focused on designing experiments that will create positive impacts and outcomes for stakeholders in field crops, which include county agents, producers, crop consultants, and those in the agricultural industry. The goal is to bring this information and outside information in a relevant, timely, scientific, and understandable fashion to benefit North Carolina field crop producers. Recent efforts have focused on generating support and curricula for county agent training and increasing non-Bt refuge compliance. His program's broad research objectives include the improvement and expansion of integrated pest management practices and knowledge for insect pests of corn, small grains, soybean, and cotton. Major focal organisms are bollworm (*Helicoverpa zea*) and stink bugs. His program's position in the eastern portion of North Carolina is exclusive in the department and provides graduate students a unique learning experience.

Distinguished Achievement Award in Horticultural Entomology

Dr. Daniel Carillo



Daniel Carrillo is an Associate Professor of Entomology at the University of Florida, Tropical Research and Education Center. He specializes in two main areas: biological control, and the ecology and management of invasive insects and mites. His research focuses on multi-trophic interactions between host plants, pest arthropods and natural enemies. Dr. Carrillo has detected and helped eradicate several new invasive species in Florida. He has over 90 peer-review publications and served as the senior editor of the book “Prospects for Biological Control of Plant Feeding Mites and other Harmful Organisms”. He works hand in hand with growers managing invasive species on various crops and landscapes. Dr. Carrillo has a strong collaboration with south Florida growers and an active extension program that serves stakeholders throughout the US. He has been a member of the Florida Administrative Avocado Committee and an associate editor of the Florida Entomologist since 2011.

Distinguished Achievement Award in Teaching

Dr. Andrea Lucky



Dr. Andrea Lucky is an Associate Professor in the Entomology and Nematology Department at the University of Florida. She received a bachelor's degree in Biology from Brown University in 2000 and a PhD in Entomology from the University of California, Davis, in 2010. After a two-year postdoctoral position at North Carolina State University, she moved to the University of Florida, where she started her ant systematics lab and began teaching introductory entomology for non-science majors and advanced insect classification for undergraduate entomology majors, minors, and graduate students. Over the past 10 years, she has taught courses ranging from tropical entomology, social insect biology, collections management, art-and-science collaboration, to invasive ant boot camp. Her involvement with education extends to programmatic roles; she chaired her college's curriculum committee, led a revision of the entomology department's undergraduate curriculum, and now serves as the department's graduate coordinator, overseeing a program of 120 graduate students. Dr. Lucky maintains an active research program focused on ant systematics and ecology, with an emphasis on the consequences of invasive ants and best practices in entomology education.

Recognition Award in Insect Physiology, Biochemistry and Toxicology

Dr. Nannan Liu



Nannan Liu is a professor in the Department of Entomology and Plant Pathology, Auburn University. She received her PhD in Entomology from Cornell University in 1995, where her research focused on molecular genetics of insecticide resistance in house flies. After graduation, she received a NIH postdoctoral fellowship to investigate molecular mechanisms involved in heme oxygenase gene expression and regulation in the rat at University of Rochester, School of Medicine and Dentistry (1995-1996). As a postdoctoral research associate at Cornell University (1996-1997), her studies emphasized molecular regulation of physiological functions of the P450 gene expression in insecticide resistance. She joined the faculty of Auburn University in 1997 as an Assistant Professor of Insect Toxicology and Physiology; she is now a Full Professor in the Department of Entomology and Plant Pathology. Dr. Liu served as the department chair of Entomology and Plant Pathology at Auburn University from 2014-2020. Her research focuses on insect molecular toxicology/physiology relating to insecticide resistance., resulting in 110 peer-reviewed research articles, 6 book chapters, 2 genome database publications, 7 proceedings and 18

outreach reports. She has obtained funding of over \$3 million for research from NIH, USDA, commodity organizations and university-level grants. She has served as major advisor for 23 graduate students, supervised 15 postdoctoral fellows and visiting scientists, and served on over 60 graduate student committees at Auburn University. She has served ESA and SEB-ESA in several roles, including Vice President and President of the Physiology, Biochemistry, and Toxicology section of ESA and Co-Chair of student award Committee of SEB-ESA.

Recognition Award in Urban Entomology

Dr. Joseph DeMark



Dr. Joe DeMark is a Global Biology Team Leader/Field Scientist for Corteva Agriscience, and is located in Fayetteville, Arkansas. He started in field research, primarily in the southeastern United States. He then moved to the northeastern states, where he continued his interactions with university and industry leaders. He moved to Indianapolis, Indiana where he spent several years in charge of the urban pest laboratory, where he was instrumental in determining the direction of early-stage urban pest research for the company. He followed this with a move to Fayetteville to assume responsibility for urban pest research in the South, Midwest, and Western United States. He currently supports customers, sales reps, new employees, and students by serving as a technical expert, resource, and mentor for the entire country and outside the U.S. Joe has been an integral part of the urban pest research group that changed the landscape of subterranean termite control through targeted installation of bait stations containing just a few grams of insecticide per structure. His influence has been instrumental in directing the course of research in the area of termite baiting, and his interaction with various regulatory groups

has resulted in acceptance of baiting as an integral part of subterranean termite control. He is again involved with innovation, leading the Corteva field research program that is developing remote sensing technologies for urban pest management globally. He has received 21 patents in his career and is currently an adjunct professor at the University of Arkansas.

Early Career Professional Award

Excellence in Early Career

Dr. Priyadarshini Chakrabarti Basu



Dr. Priya Basu is an Assistant Professor at the Department of Biochemistry, Molecular Biology, Entomology and Plant Pathology, Mississippi State University. A recipient of numerous national and international awards, Priya's research focuses on understanding the impacts of multiple stressors on bees and how to mitigate such stress. Her lab focuses on bee nutrition, bee physiology and functional biology, bee toxicology, bee molecular ecology, and bee neuroethology, using a wide array of field and multidisciplinary lab approaches, including multiomics. Priya's lab works at the junction of both basic and applied sciences and makes the research findings accessible to benefit the stakeholders. She is currently serving as the Physiology, Biochemistry and Toxicology section representative and Vice Chair of the Early Career Professional Committee of the Entomological Society of America and chairs the Standout ECP Series committee on Entomology Today. Dr. Basu has extensive experience organizing and moderating numerous symposia at both branch and national ESA meetings. Priya is also the Secretary and Treasurer of the American Association of

Professional Apiculturists.

Student Awards

John Henry Comstock Award

Dr. James Michael Pabicon Villegas



James Villegas received his doctorate in entomology from Louisiana State University in the fall of 2021. He also obtained a master's in entomology with a minor in applied statistics from Louisiana State University in 2017. His general research interests involve both applied and fundamental aspects of plant-insect interactions in crop agroecosystems. He takes a holistic approach to insect pest management by integrating various control tactics. Prior to 2015, James was a researcher at the International Rice Research Institute where he was involved in a country-wide project utilizing ecological engineering approaches to restore and conserve ecosystem services for insect pest management in rice. James received his bachelor's degree in life sciences with a specialization in molecular biology and biotechnology from Ateneo de Manila University, Philippines in 2012. James is an active member of ESA having attended every branch and national meeting since 2016. He participated in student competitions including the Entomology Games and student debate. He served as a student competition judge at the 2021 SEB meeting. James was also a recipient of the Friends of Southern IPM Graduate Student Award and the

Kirby L. Hayes Award for outstanding MS students from ESA-SEB.

Kirby Hays Memorial Award

Leonardo David Salgado



Leonardo "Leo" David Salgado was born in Honduras, Central America. He got his bachelor's degree in Agricultural Sciences at Universidad Nacional de Agricultura (UNAG), which led him to do an internship in sugarcane and rice integrated pest management under the supervision of Dr. Blake Wilson. After his graduation, he was encouraged to join the Wilson Lab to start his master's degree in Entomology with a minor in applied statistics at Louisiana State University in June 2019. For his master's thesis, Leo investigated the mechanisms that confer resistance to the sugarcane borer and the Mexican rice borer to sugarcane in a series of field, laboratory assays, and greenhouse experiments. Throughout his studies, Leo found that differences in neonate establishment among sugarcane varieties may be more important than oviposition preference in conferring resistance to stem borers. In addition to his thesis project, he worked on projects related to the timing, volume, and efficacy of insecticide applications in sugarcane and rice. Leo finished his master's and joined the Department of Entomology at Cornell University to start his Ph.D. in Fall 2021. He is currently working in applied insect ecology, insecticide resistance

management, and population genetics of the onion maggot, a major pest in onion systems, under the direction of Dr. Brian Nault.

Program Schedule

Program Summary

SATURDAY, MARCH 26, 2022

Program	Time	Location
Local Arrangements Committee Meeting	11:00 AM - 12:00 PM	Bahia 1
Joint Planning Committee Meeting	1:00 PM - 2:00 PM	Bahia 1
Presentation Uploads	1:00 PM - 5:00 PM	Luna Boardroom
Registration	1:00 PM - 5:00 PM	Laguna Foyer
APS-CD Executive Committee Meeting	2:00 PM - 4:00 PM	Bahia 2
Southeastern Branch Executive Committee Meeting	2:00 PM - 4:00 PM	Bahia 1
Entomology Games, Preliminary Rounds	4:00 PM - 7:00 PM	Miramar 4
Student Poster Setup	7:00 PM - 9:00 PM	Laguna 1-2

SUNDAY, MARCH 27, 2022

Program	Time	Location
Presentation Uploads	7:00 AM - 5:00 PM	Luna Boardroom
Registration	7:00 AM - 4:00 PM	Laguna Foyer
Joint Plenary Session	8:00 AM - 10:00 AM	Miramar 4
Student Poster Undergraduate	8:00 AM - 5:00 PM	Laguna 1-2
Student Poster MS	8:00 AM - 5:00 PM	Laguna 1-2
Student Poster PhD	8:00 AM - 5:00 PM	Laguna 1-2
Break	10:00 AM - 10:30 AM	Laguna Foyer
Regular 10-min I	10:15 AM - 12:15 PM	Miramar 4
Student Ten-Minute Extension, Outreach, and Teaching	10:30 AM - 11:30 AM	Bahia 1
Student Ten-Minute Paper MS I	10:30 AM - 12:00 PM	Bahia 2
Student Ten-Minute Paper MS II	10:30 AM - 12:15 PM	San Cristobal
Student Ten-Minute Paper MS III	10:30 AM - 12:15 PM	San Felipe
Student Ten-Minute Paper MS IV	10:30 AM - 12:15 PM	Miramar 1
Regular 10-min II	10:30 AM - 12:30 PM	Miramar 2-3
Student Ten-Minute Paper PhD I	1:00 PM - 2:30 PM	Bahia 1

PROGRAM SCHEDULE: Program Summary

Student Ten-Minute Paper PhD II	1:00 PM - 2:45 PM	Bahia 2
Diseases and Pests of Coffee and Cacao and Their Control in Sustainable Agroecosystems	1:00 PM - 4:00 PM	Miramar 4
Invasive Species and Pest Management Agriculture and Food Sciences Florida A&M University, Tallahassee, FL 32307 Phone: (850) 412-7060 Email: muhammad.haseeb@fam.u.edu	1:00 PM - 4:00 PM	Miramar 1
Regular 10-min III	1:15 PM - 3:30 PM	Miramar 2-3
Student Ten-Minute Paper PhD III	2:00 PM - 3:45 PM	San Cristobal
Student Ten-Minute Paper PhD IV	2:00 PM - 3:30 PM	San Felipe
Break	3:00 PM - 3:30 PM	Laguna Foyer
Diseases and Pest of Root and Tuber Food Crops	3:15 PM - 5:15 PM	Bahia 2
Regular 10-min IV	3:15 PM - 5:30 PM	Bahia 1
Regular 10-min V	4:00 PM - 5:00 PM	Miramar 2-3
Q&A with Student Poster Presenters	4:00 PM - 5:00 PM	Laguna 1-2
Student Poster Removal	5:00 PM - 7:00 PM	Laguna 1-2
Entomology Games, Finals	5:00 PM - 7:00 PM	Miramar 4
Welcome Reception	7:00 PM - 9:00 PM	Bella Vista Terrace

MONDAY, MARCH 28, 2022

Program	Time	Location
Tour: The Museum of Entomology and Tropical Biodiversity & The Puerto Rico Vector Control Unit; Meet at Registration in Laguna Foyer at 7:15 AM	7:30 AM - 12:00 PM	Laguna Foyer
Tour: Corozal Agricultural Research Station; Meet at Registration in Laguna Foyer at 7:45 AM	8:00 AM - 12:00 PM	Laguna Foyer
Tour: San Juan Jardin Botanical Garden; Meet at Registration in Laguna Foyer at 12:45 PM	1:00 PM - 4:30 PM	Laguna Foyer
Regular Poster Setup	5:00 PM - 7:00 PM	Laguna 1-2

TUESDAY, MARCH 29, 2022

Program	Time	Location
Presentation Uploads	7:00 AM - 5:00 PM	Luna Boardroom
Registration	7:00 AM - 4:00 PM	Laguna Foyer
Mississippi Bug Blues	8:00 AM - 4:00 PM	Laguna Foyer
Global Entomology Research and the Potential for Cross-Continental Collaboration	8:00 AM - 10:15 AM	Bahia 2

PROGRAM SCHEDULE: Program Summary

Navigating Your Path to a Career in Entomology	8:00 AM - 10:00 AM	Bahia 1
'Omics Tools and Resources Shed Light on Insect Vector-Pathogen Interactions of Agronomic Significance	8:00 AM - 10:00 AM	San Felipe
Recent Advancements in Fruit Crop IPM: With Special Emphasis on How Research in Fruit Crops Support a Diverse Community?	8:00 AM - 12:00 PM	Miramar 4
Recent Advancements in Taxonomy, Ecology, Virus Transmission, and Management of Whiteflies and Whitefly-Transmitted Viruses	8:00 AM - 11:30 AM	San Geronimo
The Caribbean Exchange: Invasive Pests and Pathogens in the Caribbean Basin	8:00 AM - 11:00 AM	San Cristobal
Regular Poster I	8:00 AM - 5:00 PM	Laguna 1-2
Regular Poster II	8:00 AM - 5:00 PM	Laguna 1-2
Regular Poster III	8:00 AM - 5:00 PM	Laguna 1-2
Regular Poster IV	8:00 AM - 5:00 PM	Laguna 1-2
Regular Poster V	8:00 AM - 5:00 PM	Laguna 1-2
Break	10:00 AM - 10:30 AM	Laguna Foyer
<i>Helicoverpa armigera</i> Status, Surveys, and Population Dynamics in the US	10:15 AM - 12:15 PM	San Felipe
Impact of Thryvon Technology on Cotton Insect Management	10:30 AM - 12:15 PM	Bahia 2
Regular 10-min VI	10:30 AM - 11:45 AM	Bahia 1
Joint Awards Luncheon	12:15 PM - 1:45 PM	Miramar 1-3
Citrus Greening or Huanglongbing (HLB): Strategies for Mitigation and Control	2:00 PM - 5:00 PM	San Felipe
Climate Change and Biological Control: S1073 Project Highlights	2:00 PM - 5:00 PM	Bahia 2
Emerging Pest Mites and Mite-Transmitted Diseases in the Americas	2:00 PM - 5:00 PM	San Cristobal
Promoting the Role of Extension in IPM	2:00 PM - 5:00 PM	San Geronimo
Recent Advances in Turfgrass and Ornamental Entomology in the Southeastern USA	2:00 PM - 5:00 PM	Miramar 4
Transmission Biology and Control Strategies for Viruses Transmitted by the Supervectors, <i>Bemisia Tabaci</i> and <i>Frankliniella Occidentalis</i>	2:00 PM - 5:00 PM	Bahia 1
Break	3:00 PM - 3:30 PM	Laguna Foyer
Q&A with Contributed Poster Presenters	4:00 PM - 5:00 PM	Laguna 1-2
Regular Poster Removal	5:00 PM - 7:00 PM	Laguna 1-2
APS-CD Business Meeting	5:30 PM - 7:30 PM	Bahia 2
Southeastern Branch Final Business Meeting	5:30 PM - 7:30 PM	Bahia 1

PROGRAM SCHEDULE: Program Summary

WEDNESDAY, MARCH 30, 2022

Program	Time	Location
Presentation Uploads	7:00 AM - 12:00 PM	Luna Boardroom
ESA Town Hall	7:00 AM - 7:45 AM	Bahia 2
Registration	7:30 AM - 9:00 AM	Laguna Foyer
Hemp Diseases, Pests, and Management	8:00 AM - 11:00 AM	Bahia 2
The Buzz – Early Careers in Pollination Research	8:00 AM - 10:30 AM	San Felipe
Plant Virology: New/Emerging/Re-Emerging Viruses and Technologies to Study Them	9:00 AM - 12:00 PM	Bahia 1
Break	10:00 AM - 10:30 AM	Laguna Foyer

Floor Map

