

WELCOME



52nd Annual Meeting

July 14-16, 2020 - Virtual Format



JOE SUGG AWARD COMPETITION

July 15 & 16, 2020

7:00AM - 11:30AM CST

8:00AM - 12:30PM EST

Via Zoom Webinar

JOE SUGG AWARD GRADUATE STUDENT COMPETITION ORAL PRESENTATION FORMAT

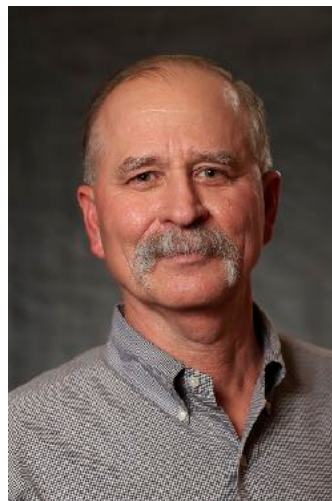
Peanut Hall of Famer, Joe Sugg, was the first Executive Secretary of the North Carolina Peanut Growers Association (1953). In his nomination to APRES Fellow of the Society, Joe was described as “the pioneer that realized the need for sharing peanut research and education at the state and national level.” He chaired and served as a board member of the National Peanut Council, was instrumental in the formation of APRES, and the establishment of the Bailey Award and the research journal, Peanut Science. The Joe Sugg Graduate Student Award for the best Graduate Student paper presented at Annual Meeting was created as a tribute to his service to the industry and his achievements. The North Carolina Peanut Growers Association supports this award with \$1,000 going to the top 3 papers (\$500-1st Place; \$300-2nd Place; \$200-3rd Place).

The Joe Sugg Award goal is to foster increased graduate student participation in presenting papers, which builds leadership skills. Winners of this award exemplify his great communications skills, passion for research and belief in higher education.

This year’s competition draws the largest number of competitors in its 31-year history. Join us for two days of competition.



Barry Tillman
President
APRES



Gary Schwarzlose
2020 Program Chair
APRES



Bob Kemerait
Committee Chair
APRES



Joe Sugg Award Graduate Student Competition

Day 1: July 15, 2020



Time - EST	Last Name	First Name	Title of Presentation
8:00 AM	Kemerait Committee Chair	Bob	DAY 1 - OPENING REMARKS
8:15 AM	Abogoom	Jennifer	Evaluation of Perceptions, Preferences and Quality of Peanut Seed in Ghana
8:30 AM	Arthur	Stephen	Financial Returns for Weed and Disease Management Inputs in Peanuts in Southern Ghana
8:45 AM	Azevedo	Ana Julia	Effect of Winter Cover Crops on Peanut in Rotation with Cotton
9:00 AM	Becton	Hope	Image Analysis and Regression Modeling for Peanut Symptom Identification
9:15 AM	Bogati	Sujata	Strip Tillage versus Conventional Tillage: Fresh Insight on a Long-Standing Controversy
9:30 AM	Commey	Leslie	Seed Coat Biochemicals Mediate <i>Aspergillus Flavus</i> Resistance in Peanut
9:45 AM	Davis	S. Brad	Spatial Assessment of Tomato Spotted Wilt Virus to Varying Gap Lengths Within Uniform Peanut Stands
10:00 AM	(BREAK)	(BREAK)	(BREAK)
10:15 AM	Deraniyagala	S.R.A.S (Anushi)	Development of Diagnostic Tools Against Important Quarantine Viruses of Peanut
10:30 AM	Eason	Kayla	Determining Flumioxazin Dissipation and Effects on Peanut Using a Thermal Gradient Table
10:45 AM	Fogle	Benjamin	Yield Loss and Grade Effects of Peanut Combine Speed Settings
11:00 AM	Foster	Delaney	Peanut Response and Weed Control Following Norflurazon Applied Preemergence and At-Crack
11:15 AM	Godwin	Hayden	Peanut Response to Vegetative Injury Occurring at Different Intensities and Growth Stages
11:30 AM	Hurdle	Nick	Evaluation of High-Oleic Peanut Germination on Thermogradient Table
11:45 AM	Kulkarni	Roshan	Modeling for Ambiguous SNP Calls in Allotetraploid Peanut
12:00 PM	Kumar	Naveen	Understanding and Enhancing Drought Tolerance in Virginia Type Peanut
12:15 PM	Kemerait Committee Chair	Bob	DAY 1 - CLOSING REMARKS



Time - EST	Last Name	First Name	Title of Presentation
8:00 AM	Kemerait Committee Chair	Bob	DAY 2 - OPENING REMARKS
8:15 AM	Chen	Yi-Ju	Evaluation of Wild Peanut Genotypes for Resistance to Thrips and Thrips-transmitted TSWV
8:30 AM	Levinson	Chandler	Anatomical Characteristics Correlated to Peg Strength in <i>Arachis</i> Species
8:45 AM	Moreno	Leticia	Physiological Quality Gain in Peanut Seeds During Development
9:00 AM	Otyama	Paul I.	Genotypic Characterization of the U.S. Peanut Core Collection
9:15 AM	Peper	Alan	Can Calcite Dissolving Bacteria Promote Pod Growth?
9:30 AM	Rossi	Chiara	Assessing Photosynthetic Response of Peanut to Different Planting Dates Using UAV-based Multispectral Images
9:45 AM	Sarkar	Sayantan	High-Throughput Techniques to Estimate Above Ground Biomass in Peanut.
10:00 AM	(BREAK)	(BREAK)	(BREAK)
10:15 AM	Studstill	Sara	The Evaluation of Vegetation Indices to Assess Yield and Crop Quality Parameters in Peanut
10:30 AM	Sung	Cheng-Jung	Effect of Irrigation Levels on Peanut Production and Profitability
10:45 AM	Virk	Simerjeet	Crop Emergence and Yield Response to Peanuts Planted at Different Seeding Depths and Planter Downforces in Loamy Sand Soils
11:00 AM	Wiggins	Raegan	Screening Peanut Recombinant Inbred Lines for Aflatoxin Contamination Using <i>in vitro</i> Seed Colonization of <i>Aspergillus flavus</i>
11:15 AM	Zhang	Qiong	Physiological Responses of Peanut Varieties to Drought Stress
11:30 AM	Zhao	Zifan	GFP-tagging of <i>Bradyrhizobium</i> strain Lb8 isolated from peanut (<i>Arachis hypogaea</i> L.) nodules
11:45 AM	Kemerait Committee Chair	Bob	DAY 2 - CLOSING REMARKS

Thank you 2020 APRES Sustaining Members!



**AMERICAN PEANUT RESEARCH & EDUCATION SOCIETY
BOARD OF DIRECTORS
2019-20**

President..... Barry Tillman (2021)

Past President..... Rick Brandenburg (2020)

President-Elect..... Gary Schwarzlose (2022)

Executive Officer..... Kimberly Cutchins (2020)

University Representatives:

Virginia-Carolina..... Nathan Smith (2022)

Southeast..... Bob Kemerait (2021)

Southwest..... Mark Burow (2020)

USDA Representative..... Lisa Dean (2022)

Industry Representatives:

Production..... Henry McLean (2021)

Grower Association..... Bob Sutter (2022)

Manufactured Products..... Chris Liebold (2020)

Director of Science and Technology of the
American Peanut Council..... Steve Brown (2020)

National Peanut Board Dan Ward (2020)

APRES Graduate Student Organization President..... Chandler Levinson (2020)