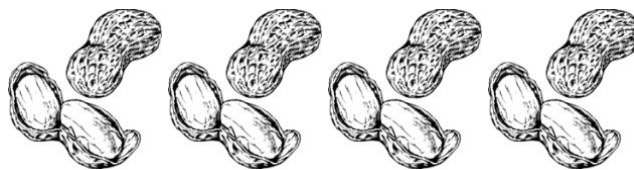




55th ANNUAL MEETING

Scanning the Horizon

**The DeSoto Hotel
Savannah, Georgia
July 10-13, 2023**



Contributors to 2023 APRES Meeting

(at time of press)

On behalf of APRES members and guests, the Program Committee says **“THANK YOU”** to the following organizations for their generous financial and product contributions:

Diamond Sponsors

Corteva Agriscience – Monday Evening Dinner
BASF & Bayer – Wednesday Evening Riverboat Cruise and Diner
Corteva Agriscience – Thursday Evening Reception

Platinum Sponsors

Syngenta	Golden Peanuts
FMC	North Carolina Peanut Growers Association
National Peanut Board	HudsonAlpha
Fine Americas	The J.M. Smucker Company
Birdsong Peanuts	Georgia Peanut Commission
Visjon	ofi
VICAM	Valent
Texas Peanut Producers Board	JLA International

Product Contributors

Alabama Peanut Producers Association	Severn Peanut/Hampton Farms
Florida Peanut Producers Association	Texas Peanut Producers Board
Georgia Peanut Commission	Hershey’s
Mars Inc.	National Peanut Board
North Carolina Peanut Growers Association	Oklahoma Peanut Commission
John B. Sanfilippo & Son	ofi
Virginia Peanut Growers Association	Tara Foods
South Carolina Peanut Board	Western Peanut Growers Association
Mississippi Peanut Growers Association	

Pre-Conference Field Tour

Univ. of Georgia Southeast Georgia Research and Education Center, Midville, GA
Lamar Black Farm, Millen, GA

**55th ANNUAL MEETING of the
AMERICAN PEANUT RESEARCH AND EDUCATION SOCIETY
Savannah, Georgia
July 10-13, 2023**

BOARD OF DIRECTORS

President Mark Burow
Past PresidentDavid Jordan
President-Elect..... Bob Kemerait
Executive OfficerRichard Owen
State Employee Representatives:
 Virginia-Carolina.....Maria Balota
 SoutheastKira Bowen
 Southwest Julie Marshall
USDA Representative Rebecca Bennett
Graduate Student Organization Samantha Mehl
Industry Representatives:
 Grower AssociationShelly Nutt
 Shelling, Marketing, Storage..... William Pearce
 Manufactured ProductsVictor Nwosu
American Peanut Council..... Steve Brown
National Peanut BoardGreg Baltz

PROGRAM COMMITTEE

Robert C. Kemerait, Chair

Local Arrangements

Simer Virk, Co-Chair
Wes Porter, Co-Chair

Technical Program

R. Scott Tubbs, Chair

Spouses' Program

Donna Holbrook, Co-Chair
Julie Rucker, Co-Chair
Pam Kemerait
Debby Monfort
Jennifer Tillman

2023 APRES COMMITTEES

Bailey Award Committee

Peter Dotray, Chair (2023)
Marshall Lamb (2023)
Emi Kimura (2024)
Dudley Dabbs (2024)
Kayla Eason (2025)
Jake Fountain (2025)

ByLaws Committee

Gary Schwarzlose, Chair (2023)
W. Carroll Johnson (2023)

Coyt T. Wilson Service Award Committee

Timothy Grey, Chair (2023)
Michael Mulvaney (2024)
Naveen Puppala (2025)
Lisa Dean (2025)

Corteva Agrisciences Awards Committee

Cristiane Pilon, Chair (2024)
Connor Ferguson (2023)
John Richburg (2023)
Gibbs Wilson (2024)
Rebecca Bennett (2025)

Fellows Committee

Eric Prostko, Chair (2023)
Marshall Lamb (2024)
Maria Balota (2025)
Jianping Wang (2025)

Finance Committee

Zach Barnes, Chair (2023)
Hannah Jones (2023)
Scott Monfort (2024)
Brendan Zurweller (2025)
Dan Anco (2024)

Nominating Committee

David Jordan, Chair (2023)
Pratap Devkota (2023)
Kelly Chamberlin (2023)
Charles Chen (2023)
Sara Beth Studstill (2023)

Joe Sugg Grad. Student Awards Committee

Bob Kemerait, Chair (2025)
Emi Kimura (2023)
Jim Scruggs (2023)
Sally Taylor (2024)

Peanut Quality Committee

Jeff Dunne, Chair (2024)
Darlene Cowart (2024)
Zach Barnes (2024)
Kris Balkcom (2024)
Nino Brown (2025)
Waltram Ravelembola (2025)
Julie Marshall (2025)

Publications and Editorial Committee

Jamie Rhoades, Chair (2025)
Dylan Wann (2023)
Maria Balota (2024)

Public Relations Committee

Darlene Coward, Chair (2023)
Hannah Jones (2024)
Ken Obasa (2025)
Pratap Devkota (2025)

Site Selection Committee

Todd Baughman, Chair (2023)
Johnny Cason (2023)
Dan Anco (2024)
Henry McLean (2024)
Scott Tubbs (2024)
Amanda Hulse-Kemp (2025)
Amanda Strayer-Scherer (2025)

Program Highlights

Monday - July 10, 2023

- 8:30 am - Depart DeSoto Hotel DeSoto Hotel Lobby
10:30 am - Field Tour.....UGA SE Georgia Research and Education Center
(9638 Highway 56 South, Midville, Georgia 30441)
12:30 pm - Lunch.....UGA SE Georgia Research and Education Center
1:30 pm - Farm Visit Lamar Black Farm
(932 Tilmanstone Rd, Millen, GA 30442)
4:00 pm - Arrive DeSoto Hotel DeSoto Hotel Lobby
6:00 pm - Dinner sponsored by Corteva Agriscience (RSVP) UGA Coastal GA Botanical Gardens
(2 Canebrake Rd, Savannah, GA 31419)

Tuesday - July 11, 2023

- 7:00 - 5:00 - APRES Registration/Poster SetupMadison
9:00 - 1:00 - Spouse Hospitality RoomChippewa (2nd Floor)
8:00 - 5:00 - Practice Room..... Reynolds (2nd Floor)
8:00 - 5:00 - Presentation Uploading Madison
8:00 - 9:55 - Seed Summit..... Cumberland

Committee Meetings

- 10:00 - 11:55 Peanut Germplasm Committee Sapelo
10:00 - 10:55 Public Relations Committee..... Cumberland
10:00 - 10:55 Site Selection CommitteeMonterey (2nd Floor)
10:00 - 10:55 Bailey Award Committee..... Harborview (15th Floor)
11:00 - 11:55 Finance CommitteeMonterey (2nd Floor)
11:00 - 11:55 Publications and Editorials Committee..... Harborview (15th Floor)
1:00 - 2:55 Peanut Quality Committee Sapelo
11:00 - 11:55 Associate Editors, *Peanut Science*..... Cumberland
11:00 - 11:55 Program Committee (Local Arrangements + Tech. Program + Moderators) Pulaski

Technical Sessions

- 1:15 - 3:00 - Joe Sugg – PhD Competition sponsored by National Peanut Board Pulaski
1:15 - 3:00 - Extension Techniques I..... Cumberland
3:00 - 3:15 - Break – *Sponsored by Fine Americas*Madison
3:15 - 5:00 - Joe Sugg – PhD Competition sponsored by National Peanut Board Pulaski
3:30 - 5:00 - Food Science, Harvest, Shelling, Storage and Handling..... Cumberland
5:00 - 6:00 - Board of DirectorsMonterey (2nd Floor)

6:00 - 8:00 “Welcome to Georgia” Ice Cream Social Pool Deck*

***(Harborview on 15th Floor if rain)**

Program Highlights

Wednesday - July 12, 2023

- 7:00 - 5:00 - APRES Registration/Poster SetupMadison
- 8:00 - 10:00 - Spouse Hospitality RoomChippewa (2nd Floor)
- 3:00 - 5:00 - Spouse Hospitality Room.....Chippewa (2nd Floor)
- 8:00 - 5:00 - Practice Room Reynolds (2nd Floor)
- 8:00 - 5:00 -Presentation Uploading..... Madison

Sessions

- 7:15 - 7:50 - Joe Sugg – MS Competition sponsored by North Carolina Peanut Growers Assoc. Pulaski
- 8:00 - 9:45 - General Session – Scanning the HorizonOglethorpe/Cumberland
- 9:45 - 10:00 – Break – *Sponsored by FMC*Madison
- 10:00 - 12:00 - Joe Sugg – MS Competition sponsored by North Carolina Peanut Growers Assoc. .. Pulaski
- 10:00 - 12:00 - Breeding/Biotechnology/Genetics I..... Oglethorpe/Cumberland
- 12:00 - 1:00 - Lunch..... on your own
- 1:00 - 3:00 - Joe Sugg – MS Competition sponsored by North Carolina Peanut Growers Assoc. Pulaski
- 2:00 - 3:00 - Weed Science and Entomology..... Oglethorpe/Cumberland
- 3:00 - 3:15 - Break - *Sponsored by FMC*.....Madison
- 3:15 - 5:00 - Joe Sugg – MS Competition sponsored by North Carolina Peanut Growers Assoc. Pulaski
- 3:15 - 5:00 - Production Technology and Economics Oglethorpe/Cumberland

6:00 - 9:00 Riverboat Cruise/Dinner sponsored by BASF and Bayer... River Street Landing

Trolley service will be provided from 5:45 to 6:30 pm in front of the hotel entrance and for return to the hotel following the event, however we encourage those without mobility issues to walk or Uber.

*Poster presentations open all day

Program Highlights

Thursday - July 13, 2023

- 6:30 - 7:45 - Fun Run - *Sponsored by JLA*..... DeSoto Lobby
- 7:30 - 5:00 - APRES Registration/Poster ViewingMadison
- 8:00 - 10:00 - Spouse Hospitality RoomChippewa (2nd Floor)
- 3:00 - 5:00 -Spouse Hospitality RoomChippewa (2nd Floor)
- 8:00 - 1:30 - Practice Room..... Reynolds (2nd Floor)

Sessions

- 8:30 - 9:45 - Symposium – Opportunities/Challenges Facing US Peanuts in Int’l Markets Cumberland
- 9:45 - 10:00 - Break – *Sponsored by Birdsong Peanuts*Madison
- 10:00 - 11:45 - Plant Pathology/Nematology..... Ossabaw
- 10:00 - 11:45 - Breeding/Biotechnology/Genetics II..... Sapelo
- 12:00 - 1:30 - Graduate Student Luncheon sponsored by Syngenta Harborview (15th Floor)
- 12:00 - 1:30 - Lunch..... on your own
- 1:30 - 3:00 - Breeding/Biotechnology/Genetics III Sapelo
- 1:45 - 3:00 - Physiology and Seed Technology Pulaski
- 1:45 - 3:00 - Extension Techniques II..... Ossabaw
- 3:00 - 3:15 - Break – *Sponsored by Birdsong Peanuts*Madison
- 3:15 - 5:00 - Poster session (Authors Present)Madison
- 5:00 - 6:00 - APRES Business Meeting and Awards CeremonyOglethorpe/Cumberland

6:00 - 7:30 Awards Reception sponsored by Corteva Agriscience..... Madison

*Poster presentations open all day

1:15 – 5:00	<h2 style="margin: 0;">Joe Sugg PhD Competition</h2> <p style="margin: 0;">Meeting Room: Pulaski</p> <p style="margin: 0;"><i>Moderator: Bob Kemerait, Univ. of Georgia</i></p>		Pres. #
1:15	<p>On-farm test of the Optimized Shrubs System of <i>Piliostigma reticulatum</i> on Crops performance (Millet and Peanut) in sudano-sahelian agroecosystems of the south Peanut Basin of Senegal: case of Nioro.</p> <p>M. M. DIONE*, I. DIEDHIOU, K. TOURE, École National Supérieure d'Agriculture (ENSA), Thiès, Senegal, O. DIATTA, Department of Geosciences and Natural Resource Management, University of Copenhagen, Rolighedsvej 23, 1958 Frederiksberg C, Denmark, A. L. DAVEY, R.P. DICK, School of Environment and Natural Resources, The Ohio State University, Columbus, OH, United States.</p>	1	
1:30	<p>Diversifying Sources of Resistance to Leaf Spot Diseases in Cultivated Peanut <i>A. hypogea</i> using the Wild Species <i>A. correntina</i> as Donor</p> <p>J. GOMIS*, A. KANE: Cheikh Anta Diop University of Dakar, P.O Box 5005 Dakar-Fann, Senegal; A. SAMBOU, H. A TOSSIM, M. SEYE, R. DJIBOUNE: Regional center for drought adaptation improvement (CERAAS), P.O. Box 3320 Thies, Senegal; D.BERTIOLI, S. BERTIOLI: University of Georgia, 111 Riverbend Road, Athens, GA, USA; J.R. NGUEPJOP; D. FONCEKA: CIRAD UMR AGAP, TA A-108/03 Agropolis avenue Montpellier Cedex 5, France</p>	2	
1:45	<p>Identification and study of loci associated with early leaf spot (ELS) and late leaf spot (LLS) in allotetraploid and their introgression into cultivated peanut</p> <p>N. MAHARJAN*, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Athens, GA 30602, C. BALLÉN-TABORDA, Plant and Environmental Sciences Department, Clemson University, Florence, SC 29506, M. HOPKINS, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Athens, GA 30602, D.J. BERTIOLI, Institute of Plant Breeding, Genetics and Genomics, Department of Crop and Soil Science, University of Georgia, Athens, GA 30602; and S.C.M. LEAL-BERTIOLI, Institute of Plant Breeding, Genetics and Genomics, Department of Plant Pathology, University of Georgia, Athens, GA 30602.</p>	3	
2:00	<p>Peanut Post-Reference Genomic Era: Application of High-Quality Genome Sequencing in Genetic and Genomic Functional Characterization</p> <p>E. THOMPSON*, S. GANGURDE, A.K. CULBREATH, University of Georgia, Department of Plant Pathology, Tifton, GA; W. KORANI, J.P. CLEVINGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL; B. GUO, USDA-ARS, Crop Genetics and Breeding Research Unit, Tifton, GA.</p>	4	
2:15	<p>Response of different peanut seed color genotypes under irrigated conditions and water deficit conditions to <i>A. flavus</i> and aflatoxin contamination.</p> <p>L. COMMEY*, Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409; H. SUDINI, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India; H. FALALOU, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Niamey, Niger; T.K. TENGEY, CSIR-Savanna Agricultural Research Institute (CSIR- SARI), Nyankpala, Ghana; M.D. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403, and Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409; V. MENDU, Department of Plant and Soil Science, Texas Tech University, Lubbock, TX, and Department of Plant Science and Plant Pathology, Montana State University, Bozeman, MT.</p>	5	
2:30	<p>Variation in Pollen Viability Responses to Elevated Temperature Between Five Commercial Peanut Cultivars Grown in Southeastern Virginia</p> <p>K. M. BEARD*, D. C. HAAK, School of Plant and Environmental Sciences, Virginia Polytechnical Institute and State University, Blacksburg, Virginia 24060; and M. BALOTA, Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, Virginia 23437</p>	6	
2:45	<p>Plant Growth-Promoting Rhizobacteria as a Potential Biocontrol of <i>Rhizoctonia solani</i> in Peanuts</p> <p>K.N. SULLINS*, A.L. STRAYER-SCHERER, and D.W. HELD, Department of Entomology and Plant Pathology, Auburn University, Auburn, AL 36849</p>	7	
3:00	BREAK		

3:15	<p>Analytical analysis of flutolanil dissipation to determine if enhanced biodegradation acts as a dissipation mechanism in Georgia peanut soil</p> <p>J. BELL*, T. BRENNEMAN, Plant Pathology Department, University of Georgia, Tifton, GA 31793-0748; T. GREY, Crop and Soil Sciences Department, University of Georgia, Tifton, GA 31793-0748.</p>	8
3:30	<p>Using Analytical Techniques and Bioassay Responses to Quantify Imazapic Soil Dissipation</p> <p>A.E. MCEACHIN*, T.L. GREY, University of Georgia, Dept. of Crop & Soil Sciences, Tifton, GA; and K.M. Eason, United States Department of Agriculture, Agriculture Research Service, Tifton, GA</p>	9
3:45	<p>Evaluating the Effect of Cover Crops on Soil Moisture Retention and Sustainability in Peanut</p> <p>K.R. REAGIN*, M.L. TOSTENSON, W.M. PORTER, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793-0748; and P. SAPP, University of Georgia Extension, Waynesboro, GA 30830-0300.</p>	10
4:00	<p>Comparison of Pest Management Practices in Peanut Planted into a Cereal Rye Cover Crop</p> <p>E. FOOTE*, D.L. JORDAN, J. DUNNE, A. GORNEY, and D. RESISIG, North Carolina State University, Raleigh, NC 27695</p>	11
4:15	<p>Paraquat Effects on the Growth and Yield of Peanut in the Southwestern United States</p> <p>Z.R. TREADWAY*, J.L. DUDAK, T.A. BAUGHMAN, Oklahoma State University, Ardmore, OK 73401, P.A. DOTRAY, Texas Tech University and Texas A&M AgriLife Research and Extension Service, Lubbock, TX 79409, W.J. GRICHAR, Texas A&M Agrilife Research, Yoakum, TX 77995</p>	12
4:30	<p>Utilizing POST Herbicide Applications to Manage Volunteer Cotton in Peanut</p> <p>J.L. DUDAK*, T.A. BAUGHMAN, Z.R. TREADWAY, Oklahoma State University- Institute of Agriculture Biosciences, Ardmore, OK 73401</p>	13
4:45	<p>Isoxaflutole Tank Mixtures Efficacy on Volunteer Peanut and Weed Control</p> <p>L. PEREIRA*, R. LANGEMEIER, J. MCCAGHREN, and S. LI, Department of Crop, Soil, and Environmental Sciences, Auburn University, Auburn, AL. M. W. MARSHALL, Plant, and Environmental Sciences Department, Clemson University, Blackville, SC, P. DEVKOTA, West Florida Research and Education Center, University of Florida, Milton, FL</p>	14

1:15 – 3:00	<h2 style="margin: 0;">Extension Techniques I</h2> <p style="margin: 0;">Meeting Room: Sapelo</p> <p style="margin: 0;"><i>Moderator: David Jordan, North Carolina State Univ.</i></p>	Pres. #
1:15	<p>Summary of Production Practices by Top Growers in North Carolina in 2022</p> <p>B. BARROW*, C. ELLISON, L. GRIMES, A. COLF, R. GURGANUS, M. STRICKLAND, L. MILES, M. CARROLL, D. KING, S. JALAI, P. SMITH, B. PIKE, B. PARRISH, T. BRITTON, D. LILLEY, H. WALLACE, L. CHILDERS, J. MORGAN, J. KENNEDY, M. WATERS, M. HUFFMAN, M. SEITZ, J. HARRELL, M. SMITH, A. GROVE, M. MALLOY, R. WOOD, J. WARD, D. ANDERSON, T. BATTS, J. ANDERSON, Z. PARKER, R. BRANDENBURG, D. REISIG, and D.L. JORDAN, NC State Extension, Raleigh, NC 27695</p>	15
1:30	<p>Summary of Practices Associated with Key Pests and Digging Peanut in the Virginia-Carolina Region in 2022</p> <p>C. ELLISON*, A. COLF, B. BARROW, R. GURGANUS, M. STRICKLAND, L. MILES, M. CARROLL, D. KING, S. JALAI, P. SMITH, B. PIKE, B. PARRISH, T. BRITTON, D. LILLEY, H. WALLACE, L. CHILDERS, J. MORGAN, J. KENNEDY, L. GRIMES, M. WATERS, M. HUFFMAN, M. SEITZ, J. HARRELL, M. SMITH, A. GROVE, M. MALLOY, R. WOOD, J. WARD, D. ANDERSON, T. BATTS, J. ANDERSON, Z. PARKER, R. BRANDENBURG, D. REISIG, and D.L. JORDAN, NC State Extension, Raleigh, NC 27695; L. PREISSER, N. CLARK, E. COOPER, M. PARRISH, S. REITER, S. RUTHERFORD, M. BALOTA, D. LANGSTON, and S. MALONE, Virginia Cooperative Extension Service, Blacksburg, VA 24060; and D. ANCO, Clemson University, Blackville, SC.</p>	16
1:45	<p>Summary of Large-Plot Trials in North Carolina in 2022</p> <p>L. GRIMES*, B. BARROW, C. ELLISON, D. ANDERSON, M. LEARY, and D.L. JORDAN, NC State Extension, Raleigh, NC 27695; B. STEVENS, M. BRAKE, S. DEAL, and L. RANSOM, North Carolina Department of Agriculture and Consumer Services, Raleigh, NC 27699</p>	17
2:00	<p>Contrasting 2021 and 2022 Growing Seasons in Pitt County, North Carolina</p> <p>M. SMITH* and D.L. JORDAN, North Carolina State University, Raleigh, NC 27695</p>	18
2:15	<p>Fungicide Evaluation Using On-Farm Trials in North Florida</p> <p>K. WYNN*, University of Florida/Institute of Food and Agricultural Sciences, Jasper, FL 32052; and N. DUFAULT, University of Florida Associate Professor and Extension Specialist, Gainesville, FL 32611</p>	19
2:30	<p>Peanut Related Extension Efforts in the Central Panhandle of Florida</p> <p>M.D. MAULDIN*, UF/IFAS Extension, Washington County, Chipley, FL 32428; E.T. CARTER, UF/IFAS Extension, NW District, Marianna, FL 32448; D.J. LEONARD, UF/IFAS Extension, Calhoun County, Blountstown, FL 32424; and K.M. WATERS, UF/IFAS Extension, Holmes County, Bonifay, FL 32425.</p>	20
2:45	<p>On-Farm Peanut Variety Evaluation in Florida's Central Panhandle</p> <p>D.J. LEONARD*, UF/IFAS Calhoun County Extension, Blountstown, FL, 32424; K.M. WATERS, UF/IFAS Holmes County Extension, Bonifay, FL, 32425; M.D. MAULDIN, UF/IFAS Washington County Extension, Chipley, FL, 32428; E.T. CARTER, UF/IFAS Regional Crop IPM Agent, Marianna, FL 32446; B.L. TILLMAN, and M.W. GOMILLION, North Florida Research and Education Center, Marianna, FL 32446</p>	21

3:30 – 4:45	Food Science, Harvest, Shelling, Storage, Handling Meeting Room: Sapelo <i>Moderator: Lisa Dean, USDA-ARS</i>	Pres. #
3:30	Runner Peanut Quality Parameters as a Function of Roast Times J.R. WEISSBURG, Department of Food, Bioprocessing and Nutrition Sciences, North Carolina State University, Raleigh, NC 27695, L.L. DEAN* and K.W. HENDRIX, Food Science and Market Quality and Handling Research Units, USDA, ARS, SEA, Raleigh, NC 27695	22
3:45	The Dietary Effects of Whole-In Shell High Oleic Peanuts on Layer Hen Performance and the Shell Egg Nutritional Chemistry and Quality O.T. TOOMER* , T.C. VU, Food Science & Market Quality and Handling Research Unit, ARS, USDA, Raleigh, NC 27695; K.L. HARDING, R. WYSOCKY, R. MALHEIROS, K.E. ANDERSON, Prestage Department of Poultry Science, NC State University, Raleigh, NC 27695.	23
4:00	Regulation of Gut Microbiome and Microbial Metabolome by Peanut Consumption in School Children Aged 6-9 years in Uganda. Z. Li, K. S. XUE, L. TANG and J-S. WANG* , Department of Environmental Health Sciences, College of Public Health, University of Georgia, Athens, GA 30602, USA; J. SSEMPBWA, G. W. MAINA and G. MUSINGUZI, Makerere University School of Public Health, Kampala, Uganda.	24
4:15	Reducing the Number of Probes for a Farmers' Stock Grade for a Semi-Drying Trailer. C.L. BUTTS* , Full Moon Engineering LLC, Leesburg, GA, Q. READ, USDA, ARS, Raleigh, NC, J.S. MCINTYRE, and M.C. LAMB, USDA, ARS, Dawson, GA.	25
4:30	Mechanical Testing as a Tool in Peanut Research. J.S. MCINTYRE* , H.J. COOK, National Peanut Research Laboratory, Agricultural Research Service, U.S. Department of Agriculture, Dawson, GA 39842	26

6:00 - 8:00 "Welcome to Georgia" Ice Cream Social..... Pool Deck*

***(Harborview on 15th Floor if rain)**

7:15 – 12:00	Joe Sugg MS Competition I Meeting Room: Pulaski <i>Moderator: Bob Kemerait, Univ. of Georgia</i>		Pres. #
7:15	Opening Remarks – Bob Kemerait		
7:20	Reflecting Incentives and Disincentives for Youth Participation in Groundnut Value Chains using Photovoice in Tororo and Nwoya districts, Uganda D. KEMIGISHA* , S. LWASA and J. MUGISHA, Department of Agribusiness and Natural Resource Economics, Makerere University, Uganda; A. KAAYA and R.M. MIREMBE, Department of Food Technology and Nutrition, Makerere University, Uganda; D.K. OKELLO, National Agricultural Research Organization (NARO), NaSARRI, Uganda; D. MUSOKE, Department of Disease Control and Environmental Health, Makerere University, Uganda; T. GILL, D.R. ADER, A. CARTER and C.A. STEPHENS, Department of Agricultural Leadership, Education and Communications, the University of Tennessee, Knoxville, USA	27	
7:35	Feasibility of using Photovoice for Assessment of Peanut Quality and Safety along the Value chain: Perspectives of Youth in rural-Uganda R. M. MIREMBE* , A. N. KAAYA, D. MALE, S. KANSABE, Department of Food Technology, Nutrition and Bioengineering, Makerere University, Kampala, Uganda; S. LWASA, D. KEMIGISHA, Department of Agribusiness and Natural Resource Economics, Makerere University, Kampala, Uganda; D. K. OKELLO, National Agricultural Research Organisation (NARO); D. MUSOKE, Department of Disease Control and Environmental Health, Makerere University, Kampala, Uganda; T. GILL, D.R. ADER, A. CARTER and C. A. STEPHENS, Department of Agricultural Leadership, Education and Communications, University of Tennessee, United States of America	28	
7:50	BREAK for General Session		
10:00	Alternatives to Chlorpyrifos for Control of Southern Corn Rootworm in Virginia Type Peanuts E. HOAR* , Virginia Tech Tidewater Agricultural Research and Extension Center, A. RASHED, Virginia Tech Southern Piedmont Agricultural Research and Extension Center, M. BALOTA, Virginia Tech Tidewater Agricultural Research and Extension Center	29	
10:15	Irrigator Pro as an Adaptive Irrigation Decision Support System for Peanuts in the Southeast I.GALLIOS* , G. VELLIDIS, Crop and Soil Department University of Georgia, Tifton, GA 31793, and C. BUTTS, National Peanut Research Laboratory, USDA, ARS, Dawson, GA 39842	30	
10:30	Developing a Mathematical Model for Detecting Aflatoxin Hotspots in Peanut Fields S. KUKAL* , T. BOURLAI, R. KEMERAIT, A. PEDUZZI, C. PILON, G. VELLIDIS, University of Georgia, Tifton, GA 31793	31	
10:45	Evaluating the Impact of Irrigation Strategies on Peanut Yield Using Simulation Modelling M.D. DE VAL* , B.V. ORTIZ, F. MORLIN, R. PRASAD, A. NGUYEN, A. SHARMA, A. GAMBLE, Department of Crop, Soil, and Environmental Sciences, Auburn University College of Agriculture, Auburn, AL, USA, 36849	32	
11:00	Peanut Cultivar Response to Fluridone in the Southwest M. MILLS* , Texas Tech University, Lubbock, TX 79409; P. A. DOTRAY, Texas Tech University, Texas A&M AgriLife Research, and Texas A&M AgriLife Extension Service, Lubbock, TX 79409; K. L. LEWIS Texas A&M AgriLife Research, Lubbock, TX 79409; W. J. GRICHAR, Texas A&M AgriLife Research, Corpus Christi, TX 78406; T. A. BAUGHMAN, Oklahoma State University, Ardmore, OK 73401.	33	
11:15	Effect of Carrier Volume and Droplet Size on Spray Coverage, Droplet Density, and Herbicide Efficacy in Peanut M. SAPKOTA* , S.S. VIRK, E.P. PROSTKO, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; and G.C. RAINS, Department of Entomology, University of Georgia, Tifton, GA	34	

11:30	Pursuit Tank-Mixes for Weed Control in Oklahoma Peanut K. BENETON* , Z. TREADWAY, J. DUDAK, and T. BAUGHMAN, Department of Plant & Soil Sciences, Oklahoma State University, Ardmore, OK 73401	35
11:45	Cultivar and Soil Amendment Effects on Peanut Grown with Organic Practices in Florida S. VICTORES* , G. MACDONALD, J. WANG, Department of Agronomy, University of Florida, Gainesville FL 32611; G. MALTAIS-LANDRY, Department of Soil and Water Sciences, University of Florida, Gainesville, FL 32611; X. ZHAO, Department of Horticultural Sciences, University of Florida, Gainesville, FL 32611	36
12:00	BREAK for Lunch	

APRES 55th Annual Meeting

Afternoon - Wednesday, July 12

Joe Sugg MS Competition II		Pres. #
1:00 – 5:00 Meeting Room: Pulaski <i>Moderator: Bob Kemerait, Univ. of Georgia</i>		
1:00	Evaluation of Different Zone-Based Soil Sampling Strategies for Site-Specific Soil pH Management in Peanut M.W. TUCKER* , S.S. VIRK, G.H. HARRIS, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; A.R. SMITH, Department of Agricultural and Applied Economics, University of Georgia, Tifton, GA 31793 D.S. CARLSON, Worth County Extension, University of Georgia Cooperative Extension, Sylvester, GA 31791; J. KICHLER, Colquitt County Extension, University of Georgia Cooperative Extension, Moultrie, GA 31788; P. SAPP, Jefferson County Extension, University of Georgia Cooperative Extension, Louisville, GA 30434; S. MCALLISTER, Terrell County Extension, University of Georgia Cooperative Extension, Dawson, GA 39842; and J. HAND, Tift County Extension, University of Georgia Cooperative Extension, Tifton, GA 31793	37
1:15	Computer vision method for size characterization of pods in Peanut (<i>A. hypogaea</i>) N. GARRITY* , J. DUNNE, R. ANDRES, R. AUSTIN, D. JORDAN, Crop Science Department, North Carolina State University, Raleigh, NC 27695 and C. YENCHO, Horticulture Department, North Carolina State University, Raleigh, NC 27695	38
1:30	Both Genotype and Harvest Time Affect Peanut Loose Shell Kernels and Mechanical Damage During Harvest. L.C. ICHAZO-RIBERA* , B.L. TILLMAN, M. GOYZUETA, M.W. GOMILLION, L. TORRES-DELGADO, North Florida REC, Agronomy Department, University of Florida. Marianna, FL 32446; and A. ARÉVALO-AYALA, Department of Plant Breeding, Universität Hohenheim. Stuttgart 70599, Germany.	39
1:45	Characterization of <i>Arachis cardenasii</i> Introgression in Cultivated Peanut, <i>Arachis hypogaea</i> S. BOTTON* , Department of Horticulture and Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton GA, USA; Y. CHU, Department of Horticulture, University of Georgia, Tifton GA, USA; C. C. HOLBROOK, USDA-ARS, Crop Genetics and Breeding Research, Tifton Ga, USA; P. OZIAS-AKINS, Department of Horticulture and Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton GA, USA.	40
2:00	QTL in Action: Partitioning the effects of a QTL for Tomato Spotted Wilt Virus Resistance in <i>Arachis hypogaea</i> S. WEBB* , Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA; Y. CHU, Department of Horticulture, University of Georgia, Tifton, GA; C. HOLBROOK, USDA-ARS, Tifton, GA; J. CLEVINGER, W. KORANI, HudsonAlpha Institute for Biotechnology, Huntsville, AL; B. GUO, USDA-ARS, Tifton, GA; A. CULBREATH, Department of Plant Pathology, University of Georgia, Tifton, GA; and P. OZIAS-AKINS, Department of Horticulture, University of Georgia, Tifton, GA	41

2:15	Speed Breeding of Peanut for Faster Improvement in Cultivar Development T. SEELY*, J. DUNNE, D. JORDAN Crop and Soil Science Department, North Carolina State University, Raleigh, NC 27607; and R. FERNANDEZ Horticulture Department, North Carolina State University, Raleigh, NC 27606	42
2:30	Expression Analysis of <i>Aspergillus flavus</i> in Response to Oxidative Stress S.E.A. JOSON*, Department of Plant Pathology, University of Georgia, Griffin, GA; J.P. CLEVENGER, HudsonAlpha Institute of Biotechnology, Huntsville, AL; J.N. VAUGHN, USDA-ARS Genomics and Bioinformatics Research Unit, Athens, GA; B. GUO, USDA-ARS Crop Genetics and Breeding Research Unit, Tifton, GA; and J.C. FOUNTAIN, Department of Plant Pathology, University of Georgia, Griffin, GA.	43
2:45	Early and Late Leaf Spot Fungicide Treatments for Organic Peanut Production A.G. ATKINSON*, A.K. CULBREATH, R.C. KEMERAIT, Department of Plant Pathology, Univ. of Georgia, Tifton, GA 31793-5766, and E.G. CANTONWINE, Department of Biology, Valdosta State Univ. Valdosta, GA.	44
3:00	BREAK	
3:15	An Explanation for Reduced Defoliation Using Sulfur Synthetic Fungicide Mixtures Caused by Late Leaf Spot (LLS) K. TAYLOR*, E.G. CANTONWINE, Valdosta State University, Valdosta, GA 31698; and A. CULBREATH, University of Georgia Tifton Campus, 31793	45
3:30	Peanut Leaf Spot Disease Progress based on Lesion Development F.A. SILVA*, A.K. CULBREATH, R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA; S. LEAL-BERTIOLI, Department of Plant Pathology, University of Georgia, Athens, GA, E.G. CANTONWINE, Department of Biology, Valdosta State University, Valdosta, GA; and C.C. HOLBROOK, United States Department of Agriculture-Agricultural Research Service, Tifton, GA	46
3:45	Management of Aflatoxin Contamination in Peanut through an Integrated Approach L. PANDEY*, T. BRENNEMAN, Department of Plant Pathology, University of Georgia, Tifton, GA, 31794; M.T. BREWER, Department of Plant Pathology, University of Georgia, Athens, GA, 30602; C. PILON, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA, 31794; and R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA, 31793	47
4:00	Field Evaluation of Selected Commercial Peanut Cultivars for Tolerance to Leaf Spot as Influenced by Varying Fungicide Inputs L. KAUR*, H.L. CAMPBELL, A. STRAYER-SCHERER, Auburn University, Department of Entomology and Plant Pathology, Auburn, AL; C. PARKER, Wiregrass Research and Extension Center, Auburn University, Headland, AL; and H.B. MILLER, Brewton Agricultural Research Unit, Brewton, AL.	48
4:15	<i>In-Vitro</i> Assessment of Commonly Used Fungicides for Controlling Southern Blight in Mississippi Peanuts. S. TRIPATHI*, T.W. ALLEN, T.H. WILKERSON, A. CONNOR, Delta Research and Extension Center, Mississippi State University, Stoneville, MS 38776; A.M. JIMENEZ MADRID, Department of Plant Pathology, University of Georgia Tifton, GA 31793; and A. HENN, Department of Biochemistry, Molecular Biology, Entomology and Plant Pathology, Mississippi State University, Starkville, MS 39762.	49
4:30	Methods of Managing Tomato Spotted Wilt Virus in Field-Grown Peanuts. C.A. COOKE*, S.H. GRAHAM, Auburn University, Dept. of Entomology & Plant Pathology, Auburn, AL 36849; and K. B. BALKCOM Auburn University, Dept. of Crop, Soil & Environmental Sciences, Auburn, AL 36849	50
4:45	Comparing <i>Nothopassalora personata</i>, Colonization, and Haustorial Characteristics Between Susceptible and Resistant Peanut Genotypes. D.A. CASTELLANO*, E.G. CANTONWINE, J.A. NIENOW, Valdosta State University, Valdosta, GA 31698; and C.C. HOLBROOK, USDA-ARS, Tifton, GA 31793	51

8:00 – 9:45	General Session – Scanning the Horizon Meeting Room: Oglethorpe/Cumberland <i>Moderator: Bob Kemerait, Univ. of Georgia</i>	Pres. #
8:00	Call to Order, Opening Remarks, Acknowledgements MARK BUROW, APRES President	
8:05	Welcome to Georgia TYLER HARPER, Georgia Commissioner of Agriculture	GS-1
8:15	Changing Climatic Patterns and Impact on Production of Peanuts P.V. VARA PRASAD, Professor of Crop Ecophysiology/Director of Sustainable Intensification Innovation Lab, Kansas State Univ.	GS-2
8:40	The Impact of the Peanut Genomics Initiative on Cultivar Development C. CORLEY HOLBROOK, Supervisory Research Geneticist, USDA-ARS Crop Genetics and Breeding Research Unit, Tifton GA.	GS-3
9:05	Precision Ag in Peanut Production: From the Past to the Future BRIAN KELLEY, President, AgTechnologies LLC	GS-4
9:30	Announcements and Updates R. SCOTT TUBBS, Technical Program Chair; and SIMER VIRK, Local Arrangements Chair	

10:00 - 12:00	Breeding, Biotechnology, and Genetics I Meeting Room: Oglethorpe/Cumberland <i>Moderator: Shyam Tallury, USDA-ARS</i>	Pres. #
10:00	USDA <i>Arachis</i> Wild Species Collection: Legacy of Dr. Charles Simpson. S. TALLURY*, USDA-ARS, PGRCU, Griffin, GA; J. CLEVENGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL; and M. BUROW, Texas Tech University, Lubbock, TX.	52
10:15	Quantitative Trait Locus Mapping for Wild-derived Stem Rot Resistance in Peanut Y-C. TSAI*, Department of Plant Pathology, University of Georgia, Athens, GA 30605; T. BRENNEMAN, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; D. GAO, Small Grains and Potato Germplasm Research Unit, USDA-ARS, Aberdeen, ID 83210; D. BERTIOLI Department of Crop and Soil Sciences, University of Georgia, Athens, GA 30605; F. DE BLAS, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Athens, GA 30605, Institute of Botany of Northeast (IBONE), Corrientes, Argentina; Y. CHU, P. OZIAS-AKINS Department of Horticulture, University of Georgia, Tifton, GA 31793; and S. LEAL-BERTIOLI, Department of Plant Pathology, University of Georgia, Athens, GA 30605.	53

10:30	<p>Combining Wild Species Resistances to Early and Late Leaf Spots in Elite Genetics Peanut</p> <p>M.C. GONZALES, S.C.M. LEAL-BERTIOLI, Department of Plant Pathology, The University of Georgia, Athens, GA. Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA, and D.J. BERTIOLI*. Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA, Department of Crop & Soil Sciences, The University of Georgia, Athens GA.</p>	54
10:45	<p>Better Understanding Peanuts and its Relationship with the Wild Relatives</p> <p>F. J. DE BLAS*, Institute of Plant Breeding, Genetics and Genomics, The University of Georgia, Athens, GA 30621, Institute of Botany of Northeast – IBONE, Corrientes, Argentina; D.J. BERTIOLI, Institute of Plant Breeding, Genetics and Genomics, The University of Georgia, Athens, GA 30621, Department of Crop and Soils Science, The University of Georgia, Athens, GA 30621; B. ABERNATHY, Institute of Plant Breeding, Genetics and Genomics, The University of Georgia, Athens, GA 30621; and S.C.M. LEAL-BERTIOLI, Institute of Plant Breeding, Genetics and Genomics, The University of Georgia, Athens, GA 30621, Plant Pathology Department, University of Georgia Athens, Athens, GA 30602.</p>	55
11:00	<p>Botanically Curated SNP Analyses of Wild Species of the <i>Arachis</i> Section Aids Genebank Curation and Peanut Pre-Breeding Programs</p> <p>S.C.M. LEAL-BERTIOLI*, F. DE BLAS, M.C.C. CHAVARRO, Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA; S. TALLURY, Department of Agriculture-Agricultural Research Service, Griffin, GA; C.E. SIMPSON, Texas A&M AgriLife Research, Stephenville, TX; G.J. SEIJO, Institute of Botany of Northeast, IBONE, Corrientes, Argentina; M.C. MORETZSOHN, J.F.M. VALLS, Embrapa Genetic Resources and Biotechnology, Brasilia, Brazil; H.T. STALKER, Crop and Soil Department, North Carolina State University, North Carolina, NC and D.J. BERTIOLI, Department of Crop & Soil Sciences and Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens GA.</p>	56
11:15	<p>Description and Characterization of Six Allotetraploids Derived from the Progenitors of Peanut <i>Arachis ipaensis</i> and <i>Arachis duranensis</i></p> <p>M.S. HOPKINS*, J. LEVERTT Center for Applied Genetic Technologies and Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA 30602, USA, M. GONZALES, YUN-CHIN TSAI, 4Department of Plant Pathology, University of Georgia, Athens, GA, USA, D. GAO Small Grains and Potato Germplasm Research Unit, USDA ARS, Aberdeen, ID 83210, USA, D. J. BERTIOLI, and S.C.M. LEAL-BERTIOLI Center for Applied Genetic Technologies and Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA 30602, USA.</p>	57
11:30	<p>Fine-Mapping of QTL, DNA Sequences and Transcriptomic Analysis Reveal Candidate Genes Associated with Pod and Seed Size Variation During Peanut (<i>Arachis hypogaea</i> L.) Domestication</p> <p>M.H. ALYR*, Laboratoire Campus de Biotechnologies Végétales, Département de BV, FST, UCAD, Code postal 10700, Dakar, Senegal, CERAAS, Thies, Senegal, Center for Applied Genetic Technologies, University of Georgia, Athens, GA, 30602, D. DIOUF, Laboratoire Campus de Biotechnologies Végétales, Département de BV, FST, UCAD, Code postal 10700, Dakar, Senegal, J-F. RAMI, and D. FONCEKA, CIRAD, UMR AGAP, F-34398 Montpellier, France, AGAP, Univ Montpellier, CIRAD, INRAE, Institut Agro, Montpellier, France</p>	58
11:45	<p>Marker-Assisted Selection for the Investigation of Additional <i>A. cardenasii</i> Introgressions</p> <p>R.J. ANDRES*, C.S. NEWMAN, A.T. OAKLEY, and J.C. DUNNE, Department of Crop and Soil Science, North Carolina State University, Raleigh, NC 27695</p>	59

Weed Science and Entomology		Pres. #
2:00 – 3:00	Meeting Room: Oglethorpe/Cumberland <i>Moderator: Eric Prostko, Univ. of Georgia</i>	
2:00	Peanut Tolerance to Reviton® (tiafenacil) E.P. PROSTKO*, N.J. SHAY, and C.C. ABBOTT, Dept. of Crop & Soil Sciences, The University of Georgia, Tifton, GA 31793-0748.	60
2:15	Introduction of a Herbicide Selector Tool for Peanut G.S. BUOL and D.L. JORDAN*, North Carolina State University, Raleigh, NC 27695	61
2:30	Biology and Management of the Peanut Burrower Bug in Georgia M.R. ABNEY* and B.L. AIGNER, Department of Entomology, The University of Georgia, Tifton, GA 31793.	62
2:45	Landscape Factors Affect Relative Abundance and Pod Injury of Rootworm Species in Georgia Peanuts. A.L. SKIPPER, Department of Population Health, University of Georgia, Athens, GA 30602; K.L. SUTTON* and M.R. ABNEY, Department of Entomology, University of Georgia, Tifton, GA, 31793	63

Production Technology and Economics		Pres. #
3:15 – 5:00	Meeting Room: Oglethorpe/Cumberland <i>Moderator: Simer Virk, Univ. of Georgia</i>	
3:15	A Novel Application of the Production Function to US Peanut Harvest Progress F.D. MILLS, JR.*, JLA International, Abilene, TX 79606 and S.S. NAIR, School of Agricultural Sciences, Sam Houston State University, Huntsville, TX 77341	64
3:30	Revised Thresholds for Runner Peanut Harvest Maturity in South Carolina D.J. ANCO*, K.R. KIRK, and J.B. HIERS, Edisto Research and Education Center, Clemson University, Blackville, SC 29817.	65
3:45	Evaluation of the New Formulation of Prohexadione Calcium, Kudos OD, for Management of Vine Growth, Disease, and Yield Response in Peanut (<i>Arachis hypogaea</i> L.). S. WARREN, W.S. MONFORT*, and R.S. TUBBS, Crop and Soil Sciences Dept., University of Georgia, Tifton, GA 31793 and J. SCRUGGS, Fine-Americas, Inc., Franklin, NC 28734.	66
4:00	Use of Crop and Drought Spectral Indices to Support Harvest Decisions for Peanut Fields in Southeastern USA. M.F. OLIVEIRA*, B.V. ORTIZ, A. SANZ-SAEZ, Crop, Soil, and Environmental Sciences Department– Auburn University, Auburn, AL, USA, 36849; S. L. H. ALMEIDA, J.B.C. SOUZA, J.L.P. OLIVEIRA, Department of Engineering and Mathematical Science - São Paulo State University, Jaboticabal, SP, Brazil 3209-7100; C. PILON and G. VELLIDIS, Department of Crop and Soil Sciences – University of Georgia, Tifton, GA, USA, 31793.	67

4:15	<p>Optimum Seeding Rate for Replanting Peanut Dependent on Initial Plant Population.</p> <p>R.S. TUBBS*, Z.A. CROMER, and W.S. MONFORT, Crop and Soil Sciences Department, University of Georgia, Tifton, GA 31793.</p>	68
4:30	<p>Seed Metering Performance of Different Peanut Seed Meters at Varying Seeding Rates and Planting Speeds</p> <p>S.S. VIRK*, T.D. LARIMER, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA, 31793; C. BYERS, College of Engineering, University of Georgia, Athens, GA 30602; and G.C. RAINS, Department of Entomology, University of Georgia, Tifton, GA 31793.</p>	69
4:45	<p>Influence of Crop Rotation and Fungicide Spray Programs on Peanut Productivity in Mississippi</p> <p>B. ZURWELLER*, J. MAY, Plant and Soil Sciences, Mississippi State University, Mississippi State, MS 39762; B. RUSHING, Coastal Plain Branch Experiment Station, Newton, MS 39345; and A. HENN, Biochemistry, Molecular Biology, Entomology, and Plant Pathology, Mississippi State, MS 39762</p>	70

6:00-9:00 pm Riverboat Cruise/Dinner sponsored by BASF & Bayer, River Street Landing

8:30 – 9:45	<h2 style="text-align: center;">Symposium – Opportunities and Challenges Facing U.S. Peanuts in International Markets</h2> <p style="text-align: center;">Meeting Room: Oglethorpe/Cumberland Moderator: <i>Richard Owen, APRES Exec. Director</i></p>	Pres. #
8:30	Richard Owen, Executive Officer, APRES	ST-1
8:55	Panelist Dr. Darlene Cowart, Vice President of Food Safety and Quality, Birdsong Peanuts	ST-2
	Panelist Dr. Foy Mills, Vice President of Ag Systems, JLA International	ST-3
9:35	Announcements and Updates R. SCOTT TUBBS, Technical Program Chair; and SIMER VIRK, Local Arrangements Chair	

10:00 - 12:00	<h2 style="text-align: center;">Breeding, Biotechnology, and Genetics II</h2> <p style="text-align: center;">Meeting Room: Cumberland Moderator: <i>Josh Clevenger, HudsonAlpha</i></p>	Pres. #
10:00	Tools to Mine and Explore Genetic and Genomic Data at PeanutBase S. DASH* , C. CAMERON, A. CLEARY, A.D. FARMER, S. REDSUN, S. HOKIN, National Center for Genome Resources, Santa Fe, NM; J.D. CAMPBELL, S. CANNON, W. HUANG, B. JORDAN, S. KALBERER, H. LEE, and N.T. WEEKS, USDA-ARS, Corn Insects and Crop Genetics Research Unit, Ames, IA.	71
10:15	MAGIC Peanut, a New Genetic Resource for High-Definition Trait Mapping and Breeding Selection E. THOMPSON, H. WANG, S. GANGURDE, A.K. CULBREATH, University of Georgia, Department of Plant Pathology, Tifton, GA; W. KORANI, J.P. CLEVINGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL; B.D. TONNIS, M.L. WANG, USDA-ARS, Plant Genetic Resources Conservation Research Unit, Griffin, GA; C.C. HOLBROOK, and B. GUO* , USDA-ARS, Crop Genetics and Breeding Research Unit, Tifton, GA.	73
10:30	Towards Development of a Near-Isogenic Introgression Population of Peanut. M. D. BUROW* , Texas A&M AgriLife Research, Lubbock, TX 79403, and Texas Tech University, Dept. of Plant and Soil Science, Lubbock, TX 79409; T. TENGEY, and R. OTENG-FRIMPONG, Savanna Agricultural Research Institute, Tamale, Northern Region, Ghana; R. S. BENNETT, USDA-ARS, Stillwater, OK 74075; T. A. WHEELER, Texas A&M AgriLife Research, Lubbock, TX 79403; T. GAUS-BOWLING, Amarillo College, Amarillo TX, and Texas Tech University, Dept. of Plant and Soil Science, Lubbock, TX 79409; V. MENDU, Montana State University, Department of Plant Sciences and Plant Pathology, Bozeman MT 59717; H. PHAM, Texas A&M AgriLife Research, Lubbock, TX 79403; J. CASON, and C. SIMPSON, Texas A&M AgriLife Research, Stephenville, TX 76401.	74

10:45	Quantitative Genomic Responses to Drought Stress in Cultivated Peanuts Q. ZHANG, A. SANZ-SAES, Y. FENG, C.Y. CHEN* , Auburn University, Auburn, AL 36849; P.M. DANG, USDA-ARS National Peanut Research Lab, Dawson, GA 39842; J. LOVELL, and J. SCHMUTZ. HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806, USA	75
11:00	An Enhanced Whole Genome Sequencing (eWGS) Panel for Intraspecific and Interspecific Peanut Genomics J. CLEVINGER* , W. KORANI, Z. MYERS, and P. SANMARTIN, HudsonAlpha Institute for Biotechnology, Y. CHU and P. OZIAS-AKINS, University of Georgia, Institute of Plant Breeding, Genetics and Genomics, K. CHAMBERLIN, USDA-ARS, Crop Genetics and Breeding Research, J. BALDSSARI, INTA, D. FONCEKA, ISRA/CERAAS, J.C. DUNNE and R. ANDRES, North Carolina State University, Department of Crop Science	76
11:15	Genome-Wide Association Study of Seed Oil Content and Weight in a Subset of USDA Cultivated Peanut Collection B. TONNIS* , M.L. WANG, S. TALLURY, Plant Genetic Resources Conservation Unit, USDA-ARS, Griffin, GA 30223, J. CLEVINGER, W. KORANI, Hudson Alpha, Huntsville, AL, 35806; Y. CHU, and P. OZIAS-AKINS, IPBGG, University of Georgia, Tifton, GA, 31793.	77
11:30	Cracking the Genetics of Pod Hardness in the Israeli Virginia-type Germplasm G. BEN-ISRAEL, S. KUNTA, Y. LEVY, and R. HOVAV* , Department of Field Crops, Institute of Plant Sciences, Agriculture Research Organization - the Volcani Center, 7505101 Rishon LeZiyyon, Israel.	78

APRES 55th Annual Meeting

Morning - Thursday, July 13

Plant Pathology and Nematology		Pres. #
10:00 - 11:45	Meeting Room: Ossabaw <i>Moderator: Emily Cantonwine, Valdosta State Univ.</i>	
10:00	Fungicide Sensitivity of <i>Aspergillus flavus</i> from Peanut Seeds in Georgia to the Fungicides Prothioconazole, Fluopyram, Fludioxonil, and Thiobendazole M.D. AKTARUZZAMAN* , T. BRENNEMAN, A. CULBREATH, J.E. OLIVER, and M.E. ALI. Department of Plant Pathology, University of Georgia, Tifton, GA 31793, USA.	79
10:15	Estimating Growth Rates of <i>Passalora arachidicola</i> and <i>Nothopassalora personata</i> on Media E.G. CANTONWINE* and R.M.S. HUNTER, Department of Biology, Valdosta State University, Valdosta, GA 31698	80
10:30	A Short History of Penthiopyrad for Management of Peanut Leaf Spot 2004-2022. A.K. CULBREATH* , T.B. BRENNEMAN, and R.C. KEMERAIT Department of Plant Pathology, Univ. of Georgia, Tifton, GA 31793-5766.	81
10:45	The Struggle is Real: Characterizing Damage Caused by the Northern Root-knot Nematode on Virginia-type Peanuts M.B. DA SILVA* and D. LANGSTON. Virginia Tech, Suffolk- VA.	82
11:00	Tomato Spotted Wilt Incidence, Leaf Spot-Induced Defoliation, and Yield Response of Selected Commercial Peanut Cultivars in an Irrigated Production System from 2017 to 2022 A.K. HAGAN* , A. STRAYER-SCHERER, H. L. CAMPBELL, K. L. BOWEN, Department of Entomology and Plant Pathology, Auburn University, AL 36849; and C. PARKER, Wiregrass Research and Extension Center, Headland, AL 36345	84

11:15	Evaluation of Peanut Rx Spray Programs for Peanut Disease Control in Southeast Alabama A. STRAYER-SCHERER* , H.L. CAMPBELL, Dept. of Entomology and Plant Pathology, Auburn University, AL 36849; and C. PARKER, Wiregrass Research and Extension Center, Headland, AL 36345	85
11:30	On-going Fungicide and Growth Regulator Research in Louisiana Peanut P. PRICE* , LSU AgCenter, Macon Ridge Research Station, Winnsboro, LA 71295 and B. PADGETT, LSU AgCenter, Dean Lee Research and Education Center, Alexandria, LA 71302.	86

APRES 55th Annual Meeting

Afternoon - Thursday, July 13

1:30 – 3:00	Breeding, Biotechnology, and Genetics III Meeting Room: Cumberland <i>Moderator: Nino Brown, Univ. of Georgia</i>	Pres. #
1:30	Genetics of Leaf Scorch/Pepper Spot Disease Resistance in Cultivated Peanut. N. BROWN* , W.D. BRANCH, Dept. of Crop and Soil Sciences, University of Georgia, Tifton, GA; W. KORANI, and J. CLEVENGER, Hudson Alpha Institute for Biotechnology, Huntsville, AL.	87
1:45	Progress in Breeding for Resistance to Spotted Wilt in Florida. B.L. TILLMAN* , M. GOYZUETA, M. GOMILLION, University of Florida, North Florida Research and Education Center, Marianna, FL, and A.K. CULBREATH, University of Georgia, Coastal Plain Experiment Station, Tifton, GA.	88
2:00	Investigating Pod and Seed Grading Methods among Breeding Populations for Improved Seed Quality of Cultivar Releases J.C. DUNNE* , A.T. OAKLEY, N.K. GARRITY, R.J. ANDRES, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC 27695; and M.W. KUDENOV, Department of Electrical and Computer Engineering, North Carolina State University, Raleigh, NC 27695	89
2:15	A Summary of Research Conducted on the Black Pod Peanuts M.D. GOYZUETA* , and B.L. TILLMAN, University of Florida, North Florida Research and Education Center, Marianna, FL.	90
2:30	Development of Peanut Cultivars with Resistance to Leaf Spot and Their Evaluation Under Different Production Systems C.C. HOLBROOK* , United States Department of Agriculture-Agricultural Research Service, Tifton GA 31793, M.C. LAMB, United States Department of Agriculture-Agricultural Research Service, Dawson, GA 39842, P. OZIAS-AKINS, and Y. CHU Department of Horticulture, The University of Georgia, and Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Tifton, GA 31793, A.K. CULBREATH, and T.B. BRENNEMAN Department of Plant Pathology, The University of Georgia, Tifton, GA 31793.	91
2:45	Development of a Small Peanut Evaluation Panel to Identify Physiological and Yield Traits for Drought Tolerance P.M. DANG* , M.C. LAMB, USDA-ARS National Peanut Research Lab, Dawson, GA 39842; A. SANZ-SAEZ, and C.Y. CHEN, Auburn University, Auburn, AL 36849.	92

1:45 – 3:00	Physiology and Seed Technology Meeting Room: Pulaski <i>Moderator: Gurpreet Virk, Univ. of Georgia</i>	Pres. #
1:45	Does Prohexadione Calcium Affect Yield, Kernel Size, and Peanut Maturity? M. BALOTA* , Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, Virginia 23437; J. RATHORE; and A. CHANDEL, Biological Systems Engineering Department, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24060	93
2:00	Effect of Historical Climate Regimes on Stomatal Properties in <i>Arachis hypogaea</i> E.R. BUCIOR* and R.B. SORENSEN. USA USDA-ARS National Peanut Research Laboratory, 1011 Forrester Dr. SE, Dawson, Georgia 39842, USA	94
2:15	Genotypic Differences in Photosynthetic Limitations to Carbon Assimilation in Peanut under Drought at the Onset of Flowering C. PILON* , J.L. SNIDER, L.A. MORENO, C.K. KVIEN, Crop and Soil Sciences Department, The University of Georgia, Tifton, GA 31793; P. OZIAS-AKINS, Department of Horticulture, The University of Georgia, Tifton, GA 31793; and C.C. HOLBROOK, USDA-ARS, Tifton, GA 31793.	95
2:30	Biological Nitrogen Fixation Under Drought Depends on the Capacity of the Plant to Maintain a Good Water Status A. SANZ-SAEZ* , Q. ZHANG, C. CHEN, Y. FENG, Department of Crop, Soil and Environmental Sciences, Auburn University, Auburn AL 36849, USA, P. DANG, and M. LAMB, USDA-ARS National Peanut Research Laboratory, Dawson, GA 39842, USA.	96
2:45	Low Temperatures Impact on Photosynthetic Efficiency of Peanut Plants After Early Emergence and Recovery Potential of Seedlings G. VIRK* , C. PILON, J.L. SNIDER, L. MORENO, D. JESPERSEN, Department of Crop and Soil Sciences, The University of Georgia Tifton Campus, Tifton, GA 31793; and V. TISHCHENKO, University of Georgia, College of Agricultural and Environmental Sciences, Griffin, GA, 30223, USA	97

1:45 – 3:00	Extension Techniques II Meeting Room: Ossabaw <i>Moderator: Mark Abney, Univ. of Georgia</i>	Pres. #
1:45	Comparing Aerial vs. Ground Applications of Plant Growth Regulator in Georgia-06G Runner Peanuts S.T. MCALLISTER* Terrell County ANR Agent, University of Georgia Cooperative Extension. Dawson, GA, B. CREWS, Marion/Webster Counties ANR Agent, University of Georgia Cooperative Extension. Buena Vista, GA, and W.S. MONFORT, University of Georgia Cooperative Extension Peanut Agronomist.	98
2:00	Evaluation of Peanut Varieties in Southeast Georgia W. PARKER* , Area Agronomy Agent, University of Georgia, Athens, GA, 30602; W.S. MONFORT, Extension Peanut Agronomist, University of Georgia, Athens, GA 30602; and S. POWELL, Treutlen County Extension Agent, Soperton, GA, 30457	99
2:15	Early Season Insecticide Applications for Lesser Cornstalk Borer Management in Peanuts B.L. REEVES* , UGA Extension Berrien County. 516A County Farm Rd, Nashville, GA 31639 and M.R. ABNEY, UGA Dept of Entomology. 2360 Rainwater Rd, Tifton, GA 31793	100
2:30	Evaluating Peanut Fungicide Programs for White Mold Efficacy T. PRICE* , Extension Agent, University of Georgia, Cook County, Adel, Georgia 31620; and R.C. KEMERAIT, Extension Plant Pathologist, Department of Plant Pathology, University of Georgia, Tifton, Georgia 31793.	101
2:45	Evaluating Peanut White Mold Fungicide Programs in Bulloch County, Georgia W.G. TYSON* , Bulloch County Cooperative Extension, University of Georgia, Statesboro, GA 30458; R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31794; and A.R. SMITH, Agricultural and Applied Economics, University of Georgia, Tifton, GA 31793.	102

3:15 – 5:00 Poster #	General Poster Session Meeting Room: Madison	Pres. #
1	Genetic Studies on Resistance to Late Leaf Spot Disease in Peanut F.D. BOSOMPEM* , A.G. GYIMA, R.Y. OWUSU, K.A. BEDIAKO, M.B. MOCHIAH, W. KYEREH, M. LAMPTEY, and J.Y. ASIBUO, Council for Scientific and Industrial Research - Crops Research Institute, Kumasi, Ghana; and D.L. JORDAN, North Carolina State University, Raleigh, NC 27695	103
2	Change in Thrips Suppression by Imidacloprid in North Carolina from 2013-2022 R. BRANDEBURG* , B. ROYALS, D. REISIG, and D.L. JORDAN, North Carolina State University, Raleigh, NC 27695	104
3	A Tool to Estimate the Financial Value of Digging Based on Pod Maturity G.S. BUOL* and D.L. JORDAN, North Carolina State University, Raleigh, NC 27695	105

4	<p>Disease and Yield Response of Two Peanut Cultivars to Recommended Fungicide Programs in Southeast Alabama</p> <p>H.L. CAMPBELL*, A. STRAYER-SCHERER, Dept. of Entomology and Plant Pathology, Auburn University, AL 36849; and C. PARKER, Wiregrass Research and Extension Center, Headland, AL 36345</p>	106
5	<p>Characterizing the Highly Conserved Translational Control Module, GCN2-eIF2alpha, in Peanut Seedlings in Response to <i>Aspergillus niger</i> Infection.</p> <p>A. LOKDARSHI*, E.G. CANTONWINE, Department of Biology, Valdosta State University, GA 31698; and B. JORDAN, Department of Pathology Isolate, University of Georgia, Tifton, GA 31793.</p>	107
6	<p>An Evaluation of Calendar Based Fungicide Applications in Two Peanut Genotypes between 2021 and 2022</p> <p>E.T. CARTER*, UF/IFAS Jackson County Extension, Marianna, FL 32446, B.L. TILLMAN, M.W. GOMILLION, and L.C. ICHAZO, North Florida Research and Education Center, Marianna, FL 32446, and N.S. DUFAULT, Plant Pathology Department, The University of Florida, Gainesville, FL 32611.</p>	108
7	<p>Developing High Oil Peanuts for the Renewable Fuel Industry.</p> <p>J.M. CASON*, C.E. SIMPSON, B.F. MCCUTCHEN, Texas A&M AgriLife Research, Texas A&M University System, Stephenville, TX 76401; E. KIMURA, W.S. RAVELOMBOLA, Texas A&M AgriLife Research, Texas A&M University System, Vernon, TX 76384; D. KUROUSKI, Department of Biochemistry and Biophysics, Texas A&M University, College Station, TX 77843; and M.D. BUROW, Texas A&M AgriLife Research, Texas A&M University System, Lubbock, TX, 7940 and the Department of Plant and Soil Science, Texas Tech University, Lubbock, TX, 79409.</p>	109
8	<p>Whole Genome Sequencing Reveals QTL Associated with Sclerotinia blight Resistance in Peanut</p> <p>K.D. CHAMBERLIN* and R.S. BENNETT, USDA-ARS, Stillwater, OK 74075; J.P. CLEVENGER and W. KORANI, Hudson Alpha Institute for Biotechnology, 601 Genome Way Northwest, Huntsville, AL 35806.</p>	110
9	<p>Use of Sustainability Indicators to Evaluate the Benefits of Conservation Management Practices on Field with Peanut and Cotton Rotation</p> <p>M.D. DE VAL*, B.V. ORTIZ, Department of Crop, Soil, and Environmental Sciences, Auburn University College of Agriculture, Auburn, AL, USA, 36849, M. WOROSZ, Department of Agricultural Economics and Rural Sociology, Auburn University College of Agriculture, Auburn, AL, USA, 36849, M. THURMOND, and A. GAMBLE, Department of Crop, Soil, and Environmental Sciences, Auburn University College of Agriculture, Auburn, AL, USA, 36849</p>	111
10	<p>Assessment of Repeated Organic Herbicide Applications in Peanut</p> <p>K. EASON*, Agriculture Research Service, United States Department of Agriculture, Tifton, GA 31793; and S. BOWEN, Department of Crop and Soil Sciences, The University of Georgia, Tifton, GA 31793.</p>	112
11	<p>Assessment of Peanut Fungicide Programs and Sulfur in Irwin County, GA, 2020-2022</p> <p>P. EDWARDS*, K. BELL, W. POPE, UGA Extension, Ocilla, GA 31774; J. BENNETT, UGA Extension, Rochelle, GA 31079; S. CARLSON, UGA Extension Sylvester, GA 31791; G. HANCOCK, UGA Extension, Ashburn, GA 31714, A.K. CULBREATH and R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793</p>	113
12	<p>The <i>acdS</i> Gene in a <i>Bradyrhizobium japonica</i> Strain Does not Affect Peanut Root Nodulation</p> <p>O.D. ADENIJI, S. WANG, Y. WANG, C.Y. CHEN, and Y. FENG*, Auburn University, Auburn, AL 36849</p>	114
13	<p>Building Global Capacity: Training and Knowledge Dissemination by the Feed the Future Innovation Lab for Peanut</p> <p>A. FLOYD*, K. MCHUGH, D. HOISINGTON, J. RHOADS, J. MARTER-KENYON, and A. STRIPLING. Peanut Innovation Lab, University of Georgia, Athens, GA 30602.</p>	115

14	<p>Influence of Variety and Tillage Practices on Leaf Spot Control with Sulfur</p> <p>E. FOOTE*, D.L. JORDAN, J. DUNNE, A. GORNEY, and D. REISIG, North Carolina State University, Raleigh, NC 27695</p>	116
15	<p>Snails in Row Crops in the Florida Panhandle: Information to support IPM</p> <p>M.M. GRANT*, UF/IFAS Extension, Escambia County, FL 32533; and S.V. PAULA-MORAES Entomology & Nematology Department, UF/IFAS West Florida Research and Education Center. Jay, FL 32565.</p>	117
16	<p>Peanut Variety Response to Pyroxasulfone and Application Timing</p> <p>W.J GRICHAR*, Texas A&M AgriLife Research, Corpus Christi, TX 78406; P.A. DOTRAY, Texas A&M AgriLife Research, Lubbock, TX 79403; and T.A. BAUGHMAN, Institute for Agricultural Biosciences, Oklahoma State University, Ardmore. OK 73401.</p>	118
17	<p>Scaling for Impact: the Next Five-year Phase of the Feed the Future Innovation Lab for Peanut</p> <p>D. HOISINGTON*, J. RHOADS, J. MARTER-KENYON, A. FLOYD, A. STRIPLING, and K. MCHUGH. Peanut Innovation Lab, University of Georgia, Athens, GA 30602.</p>	119
18	<p>Crabgrass and Texas Panicum Control with Group 15 Herbicides Applied Preemergence in Peanut Crop</p> <p>L. PEREIRA*, R. LANGEMEIER, J. MCCAGHREN, and S. LI, Department of Crop, Soil, and Environmental Sciences, Auburn University, Auburn, AL</p>	120
19	<p>Summary of Activities and Results from the Feed-the-Future Innovation Lab for Peanut Production Package Project in Peanut in Ghana.</p> <p>DL. JORDAN*, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC 27695; J.A. NBOYINE, M. ABUDULAI, and F. ANAMAN, Council for Scientific and Industrial Research-Savanna Agricultural Research Institute, Nyankpala, Tamale, Ghana; I.K. DZOMEKU and A. SEIDU, Department of Crop Science, Food and Consumer Sciences, University for Development Studies, Nyankpala, Tamale, Ghana and Council for Scientific and Industrial Research-Savanna Agricultural Research Institute, Nyankpala, Tamale, Ghana; S. ARTHUR, G. BOLFREY-ARKU, M.B. MOCHIAH, and J.Y. ASIBUO, Council for Scientific and Industrial Research - Crops Research Institute, Kumasi, Ghana; R. AKROMA, J. SARKODIE-ADDO, and J. ABOGOOM, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana; G. MAHAMAH, Council for Scientific and Industrial Research-Savanna Agricultural Research Institute, Wa, Ghana; R.L. BRANDENBURG, North Carolina State University, Raleigh, NC 27695; and D. HOISINGTON, and J. RHOADS, Feed the Future Innovation Lab for Peanut, University of Georgia, Athens, GA 30602</p>	121
20	<p>Developing Statistical Models of Aflatoxin Risk in Peanut using Historical Weather Data</p> <p>D.Y. KIM*, F.G. WELIDEHANNA, and Z.T. BRYM, University of Florida, Agronomy Department, Tropical Research and Education Center, Homestead, FL 33031.</p>	122
21	<p>Enhancing the Genetic Potential of Peanut in Ghana</p> <p>W. KYEREH*, R.Y. OWUSU, F.D. BOSOMPEM, A.G. GYIMA, K.A. BEDIAKO, M.B MOCHIAH, M. LAMPTEY, and J. Y. ASIBUO, Council for Scientific and Industrial Research – Crops Research Institute, Kumasi, Ghana; and D.L. JORDAN, North Carolina State University, Raleigh, NC 27695</p>	123
22	<p>Effect of 90 Day Peanut Supplementation on Nutrition and Health Status of School Children Aged 6-9 Years in Mukono District, Uganda</p> <p>J. SSEMEBWA, G. MUSINGUZI, and G.W. MAINA* Makerere University School of Public Health, Kampala, Uganda, L. TANG, and J.S. WANG Department of Environmental Health Sciences, College of Public Health, University of Georgia, Athens, GA 30602, USA</p>	124
23	<p>Effect of Weed Size and Adjuvant on Texas Panicum Control in Peanut</p> <p>M.W MARSHALL, Clemson University</p>	125

24	<p>Optimizing Peanut Harvest Timing with the aGDD Tracker</p> <p>M.D. MAULDIN*, UF/IFAS Extension, Washington County, Chipley, FL 32428; E.T. CARTER, UF/IFAS Extension, NW District, Marianna, FL 32448; B.L. TILLMAN, UF/IFAS Agronomy Department, Marianna FL 32446; and L.C. ICHAZO, UF/IFAS Agronomy Department, Marianna FL 32446.</p>	126
25	<p>Alternative Sources of Calcium and Recommendations for Providing Calcium to the Pegging Zone of Peanut in the Southeast</p> <p>L.G. MCDONALD* AND G.H. HARRIS, Department of Crop & Soil Sciences, The University of Georgia, Tifton, GA 31793.</p>	127
26	<p>Predicting Below and Above-Ground Peanut Biomass and Maturity Using Multi-Target Regression.</p> <p>M.F. OLIVEIRA*, B.V. ORTIZ, M. THURMOND, A. SANZ-SAEZ, M.D. DE VAL, Crop Soil, and Environmental Sciences Department– Auburn University, Auburn, AL, USA, 36849; D. TEDESCO, Department of Engineering and Mathematical Science - São Paulo State University, Jaboticabal, SP, Brazil 3209-7100; and L.P. OLIVEIRA, University of Nebraska–Lincoln, Water, and Integrated Cropping Systems Asst. Extension Educator, Tekamah, NE, USA, 68061.</p>	128
27	<p>Genotype by Environment Studies on Confectionery Peanut Genotypes in Ghana</p> <p>R.Y. OWUSU*, F.D. BOSOMPEN, A.G. GYIMA, K.A. BEDIAKO, M.B. MOCHIAH, W. KYEREH, M. LAMPTEY, and J.Y. ASIBUO, Council for Scientific and Industrial Research – Crops Research Institute, Kumasi, Ghana; and D.L. JORDAN, North Carolina State University, Raleigh, NC 27695</p>	129
28	<p>High-Density SNP Map of BC1 Peanut Population.</p> <p>H. PHAM*, Texas A&M AgriLife Research, Lubbock, TX 79403; M.D. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403, and Texas Tech University, Dept. of Plant and Soil Science, Lubbock, TX 79409; J. CASON, and C. SIMPSON, Texas A&M AgriLife Research, Stephenville, TX 76401; and W.S. RAVELOMBOLA, Texas A&M AgriLife Research, Vernon, TX 76384.</p>	130
29	<p>Impacts of Early-Season Deficit Irrigation on Aflatoxin Formation, Drought Stress and Yields in Peanut (<i>Arachis hypogaea</i> L.)</p> <p>J. J. PITTS*, W. HAMMOND, B. TILLMAN, Z. BRYM, Agronomy Department, University of Florida, Gainesville, FL 32611; and A. ZARE, Department of Electrical and Computer Engineering, University of Florida, Gainesville, FL 32611.</p>	131
30	<p>Small UAS based spectral imaging and machine learning for peanut maturity estimation</p> <p>J. RATHORE*, A. K. CHANDEL, Department of Biological Systems Engineering, College of Agriculture and Life Sciences, Virginia Tech, Blacksburg, VA 24601; and M. BALOTA, School of Plant and Environmental Sciences, College of Agriculture and Life Sciences, Virginia Tech, Blacksburg, VA 24601.</p>	132
31	<p>Machine Learning Approach for Genomic Selection of Oil Content In Peanuts</p> <p>W.S. RAVELOMBOLA*, A. MANLEY, S. MALANI, Department of Soil and Crop Sciences, Texas A&M AgriLife Research-Vernon, TX 76364; J. CASON and B.D. BENNETT, Department of Soil and Crop Sciences, Texas A&M AgriLife Research-Stephenville, TX 7601; M.D. BUROW and H. PHAM, Department of Soil and Crop Sciences, Texas A&M AgriLife Research-Lubbock, TX 79403; and D. WANN, International Peanut Group, 1995 B Country Road 290, Brownfield, TX 79316.</p>	133
32	<p>Assessing Fungicide Spray Deposition within Peanut Canopies at Different Carrier Volumes and Droplet Sizes</p> <p>M. SAPKOTA*, S.S. VIRK, E.P. PROSTKO, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; and G.C. RAINS, Department of Entomology, University of Georgia, Tifton, GA 31793</p>	134

33	<p>Promoting Irrigation Efficiency and Educational Opportunities Through the UGA AgWET Program</p> <p>S. TANNER*, University of Georgia Cooperative Extension, Emanuel County, Swainsboro, GA 30401; B. CARTER, Univ. of Georgia Cooperative Extension, Effingham County, Springfield, GA 31329; S. CARTER, University of Georgia Cooperative Extension, Ware County, Waycross, GA 31503; C. CLOUD, University of Georgia Cooperative Extension, Grady County, Cairo, GA 39828; P. EDWARDS, University of Georgia Cooperative Extension, Tifton, GA 31794; S. INGRAM, University of Georgia Cooperative Extension, Thomas County, Thomasville, GA 31792; D. HALL, University of Georgia Cooperative Extension, Bleckley County, Cochran, GA 31014; R. JOYCE, University of Georgia Cooperative Extension, Laurens County, Dublin, GA 31021; M. LUKE, University of Georgia Cooperative Extension, Macon County, Oglethorpe, GA 31068; J. MALLARD, Univ. of Georgia Cooperative Extension, Southeast District, Statesboro, GA 30458; S. MCALLISTER, University of Georgia Cooperative Extension, Terrell County, Dawson, GA 39842; C. MOON, University of Georgia Cooperative Extension, Bleckley County, Cochran, GA 31014; J. PORTER, University of Georgia Cooperative Extension, Pulaski County, Hawkinsville, GA 31036; J.P. SAPP, University of Georgia Cooperative Extension, Burke County, Waynesboro, GA 30830; J. SHEALEY, University of Georgia Cooperative Extension, Echols County, Statenville, GA 31648; A. SHIRLEY, University of Georgia Cooperative Extension, Tattnall County, Reidsville, GA 30453; A. SMITH, University of Georgia Cooperative Extension, Coffee County, Douglas, GA 31533; W. TYSON, University of Georgia Cooperative Extension, Bulloch County, Statesboro, GA 30458; and W. PORTER, University of Georgia Cooperative Extension, Faculty Crop and Soil Science Department, Tifton, GA 31793</p>	135
34	<p>Seed Shrinkage Trait in Peanut and Its Macromolecular Compound Observation.</p> <p>Y-J. CHU, H-E. LIN, Department of Agronomy, National Chiayi University, Chiayi City, Taiwan 600355, H-Y. DAI, Crop Science Division, Taiwan Agricultural Research Institute, Taichung City, Taiwan 413008, and Y-C. TSENG*, Department of Agronomy, National Chiayi University, Chiayi City, Taiwan 600355.</p>	136
35	<p>Influence of Soil Sampling Grid Size on Application Accuracy and Economics of Site-Specific Soil pH Management in Peanut</p> <p>M.W. TUCKER*, S.S. VIRK, G.H. HARRIS, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; A.R. SMITH, Department of Agricultural and Applied Economics, University of Georgia, Tifton, GA 31793; D.S. CARLSON, Worth County Extension, University of Georgia Cooperative Extension, Sylvester, GA 31791; J. KICHLER, Colquitt County Extension, University of Georgia Cooperative Extension, Moultrie, GA 31788; P. SAPP, Jefferson County Extension, University of Georgia Cooperative Extension, Louisville, GA 30434; S. MCALLISTER, Terrell County Extension, University of Georgia Cooperative Extension, Dawson, GA 39842; and J. HAND, Tift County Extension, University of Georgia Cooperative Extension, Tifton, GA 31793</p>	137
36	<p>Development of Rapid Molecular Tools for Detection and Quantification of Aflatoxigenic Strains of <i>Aspergillus flavus</i> in Peanut Seeds</p> <p>S. WALIULLAH*, T. BRENNEMAN, A. CULBREATH, and M.E. ALI, Department of Plant Pathology, University of Georgia, Tifton, GA 31793, USA</p>	138
37	<p>Fungicide Application Timing and Tank Mixtures for Controlling Soil Borne Disease in Mississippi</p> <p>J. MAY, and B. ZURWELLER*, Plant and Soil Sciences, Mississippi State University, Mississippi State, MS 39762</p>	139
38	<p>Modeling Peanuts Yield Losses due to Early Leaf Spot in Oklahoma</p> <p>M.R. DUFFECK*, J. DAMICONE, K. JACKSON, Department of Entomology and Plant Pathology, Oklahoma State University, Stillwater, OK 74078; R. BENNETT, K. CHAMBERLIN, USDA-ARS, Peanut and Small Grains Research Unit, Stillwater, OK 74075; and T. BAUGHMAN, Department of Plant & Soil Sciences, Oklahoma State University, Sam Noble Pkwy, OK 73401</p>	83

3:15 – 5:00 Poster #	MS Poster Competition Meeting Room: Madison	Pres. #
39	<p>Identifying resistance to Early Leaf Spot (<i>Passalora arachidicola</i>) in nascent allotetraploids cross-compatible with cultivated peanut</p> <p>A.K. DONG* Department of Plant Pathology, University of Georgia, Athens GA 30602, M.S. HOPKINS Department of Plant Pathology, University of Georgia, Athens GA 30602, D.J. BERTIOLI Institute of Plant Breeding, Genetics and Genomics, The University of Georgia, Athens, GA 30621, and S.C.M. LEAL-BERTIOLI Department of Plant Pathology, University of Georgia, Athens GA 30602.</p>	140
40	<p>Correlating Image Analyses and Biomass of <i>Passalora arachidicola</i> and <i>Nothopassalora personata</i> on Solid Media</p> <p>R.M.S. HUNTER*, A.D. MANCHESTER, and E.G. CANTONWINE, Department of Biology, Valdosta State University, Valdosta, GA 31698</p>	141
41	<p>Proximate Composition and Fatty Acid Profile of Newly Released Groundnut Varieties</p> <p>M. MATANDARA*. Lilongwe University of Agriculture and Natural Resources (LUANAR), Lilongwe, Malawi.</p>	142
42	<p>Preliminary Characterization of Newly Acquired Wild <i>Arachis</i> Species Accessions</p> <p>M. MOBLEY*, B. TONNIS, M. WANG, and S. TALLURY, USDA-ARS, PGRCU, Griffin, GA 30223; A. BROOKS, University of Georgia, Griffin, GA 30223; and C. SIMPSON, Texas Agrilife Research, Stephenville, TX 76401.</p>	143
43	<p>Effects of Protease Concentration and Hydrolysis Time on the ACE-Inhibitory Activity of Alcalase Hydrolyzed Peanut Protein Concentrate</p> <p>S. PODDAR* and J. YU, Food and Nutritional Sciences Program, Department of Family and Consumer Sciences, North Carolina Agricultural and Technical State University, Greensboro NC 27411</p>	144
44	<p>Screening the U.S. Peanut Mini-Core Collection for Resistance to Stem Rot Disease Caused by <i>Sclerotium Rolfsii</i> Using Slurry Method of Inoculation</p> <p>S. SUBEDI*, Plant and Environmental Science, New Mexico State University, Las Cruces, New Mexico; D. LOZADA, Plant and Environmental Science, New Mexico State University, Las Cruces, New Mexico; S. SANOGO, Department of Entomology, Plant Pathology and Weed Science, New Mexico State University, Las Cruces, New Mexico; S.R. STEINER, Department of Economics, Applied Statistics, and International Business, New Mexico State University, Las Cruces, New Mexico; S. MADUGULA, Agriculture College, NAIRA Srikakulam ANGRAU, Andhra Pradesh, 532185 – India; and N. PUPPALA, Agricultural Science Center at Clovis, New Mexico State University, Clovis, New Mexico.</p>	145
45	<p>Stomatal Conductance and Fluorescence in Rainfed Peanuts: Spatial and Temporal Variability Assessment</p> <p>M. SYSSKIND*, C. PILON, S. KUKAL, G. VELLIDIS, University of Georgia, Crop and Soil Sciences Department - Tifton, Georgia- USA; A. PEDUZZI, University of Georgia, Warnell School of Forestry and Natural Resources - Athens, Georgia- USA; and T. BOURLAI, University of Georgia, School of Electrical and Computer Engineering - Athens, Georgia- USA.</p>	146

3:15 – 5:00 Poster #	PhD Poster Competition Meeting Room: Madison	Pres. #
46	<p>Genetic Analysis of Pre-harvest Aflatoxin Contamination Resistance in Peanut in Ghana</p> <p>J. ABOGOM*, R. AKROMAH, C.K. KWOSEH, Department of Crop and Soil Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana; and D. JORDAN, Crop and Soil Sciences Department, North Carolina State University, Raleigh, NC 27695.</p>	147
47	<p>Laboratory Investigation of Peanut Burrower Bug, <i>Pangaeus bilineatus</i>, Biology</p> <p>B.L. AIGNER* and M.R. ABNEY, Entomology Department, University of Georgia, Tifton, 31793</p>	148
48	<p>Dynamics of Weed Species in Peanut – Cereal Cropping and Input Systems in Ghana</p> <p>S. ARTHUR*, G. BOLFREY-ARKU, M.B. MOCHIAH, J.Y. ASIBUO, A. G. GYIMAH, D. ABINTERA, V. KLUTSE and M. YORKE, Council for Scientific and Industrial Research - Crops Research Institute, Kumasi, Ghana; R. AKROMA and J. SARKODIE-ADDO, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana; G. MAHAMAH, J. NBOYINE and A. SEIDU, Council for Scientific and Industrial Research-Savana Agricultural Research Institute, Wa, Ghana; D.L. JORDAN and R.L. BRANDENBURG, North Carolina State University, Raleigh, NC 27695; and D. HOISINGTON, and J. RHOADS, Feed the Future Innovation Lab for Peanut, University of Georgia, Athens, GA 30602</p>	149
49	<p>The Potential of Using Wild Peanut Genotypes to Enhance Photosynthetic Heat Tolerance in Peanuts</p> <p>K.J. AWORI*, C. PILON, J.L. SNIDER, Department of Crop and Soil Sciences, The University of Georgia, Tifton, GA 31793-0748. S. BERTIOLI Department of Plant Pathology, The University of Georgia, Athens, GA 30602 - 0000 and D. BERTIOLI, Department of Crop and Soil Sciences, The University of Georgia, Athens, GA 30602 - 0000 and V. TISHCHENKO, Department of Crop and Soil Sciences, The University of Georgia, Griffin, 1109 Experiment Street, Griffin, GA 30223</p>	150
50	<p>Utilizing Wild Peanut Species to Introgress Traits for Drought Tolerance and High Oil Content into Cultivated Peanut (<i>Arachis hypogaea</i> L.)</p> <p>K. COSTELLO*, D. STELLY, Texas A&M, Department of Soil and Crop Sciences, College Station, TX, 77840, J. CASON, C. SIMPSON, Texas A&M AgriLife Research, Texas A&M University System, Stephenville, TX 76401, J. VERCHOT, Texas A&M, Department of Soil and Crop Sciences, Department of Plant Pathology and Microbiology, College Station, TX, 77840, and M.D. BUROW, Texas A&M AgriLife Research, Texas A&M University System, Lubbock, TX, 79403</p>	151
51	<p>Influence of Planting Pattern and Herbicide Program on Sicklepod [<i>Senna obtusifolia</i> (L.)] Control in Peanut</p> <p>O.S. DARAMOLA*, G.E. MACDONALD, P. DEVKOTA, H. SINGH, B.L. TILLMAN, Department of Agronomy, University of Florida, Gainesville, FL, 3261; and R. KANISSERY, Department of Horticulture, University of Florida, Immokalee, FL, 34142.</p>	152
52	<p>Application of DSSAT Crop Modeling and Spatial Analysis to Indicate Parameters Correlated with Aflatoxin Contamination in Peanuts</p> <p>S. MAKTABI*, G. VELLIDIS, C. PILON, and M. SYSSKIND; University of Georgia, Crop and Soil Sciences Department - Tifton, Georgia USA.</p>	153
53	<p>Spatial variability in yield and quality of peanut in irrigated fields and adjacent rainfed areas</p> <p>R.A.C. MELO*, C. PILON, W. PORTER, L. BASTOS, Crop and Soil Sciences Department, The University of Georgia, Tifton, GA 31793; R. KEMERAIT; Plant Pathology Department, The University of Georgia, Tifton, GA 31793; J.P. SAPP, J. MALLARD, D. HALL, and B. HAYES, Georgia Cooperative Extension, The University of Georgia, Athens, GA 30602</p>	154

54	Peanut Response to Postemergence Applications of Chlorimuron (Classic®) N.S. SHAY*, E.P. PROSTKO, and C.C. ABBOTT, Dept. of Crop & Soil Sciences, The University of Georgia, Tifton, GA 31793.	155
----	--	-----

6:00 - 7:30 Awards Reception sponsored by Corteva Agriscience..... Madison

Author Index, Presentation Number (* Denotes Speaker)

ABBOTT, C.C.....	60,155	BENETON, K.....	35*
ABDULAI, M.	121	BENNETT, J.....	113
ABERNATHY, B.	55	BENNETT, R.S.	74,83,110,133
ABINTERA, D.....	149	BERTIOLI, D.J.....	2,3,53,54*,55,56,57, 140,150
ABNEY, M.R.....	62*,63,100,148	BERTIOLI, S.C.M. LEAL.....	2,3,46,53,54,55,56*, 57,140,150
ABOGOOM, J.....	121,147*	BOLFREY-ARKU, G.....	121,149
ADENIJI, O.D.....	114	BOSOMPEN, F.D.....	103*,123,129
ADER, D.R.....	27,28	BOTTON, S.....	40*
AIGNER, B.L.....	62,148*	BOURLAI, T.	31,146
AKROMA, R.	121,147,149	BOWEN, K. L.	84
AKTARUZZAMAN, M.D.....	79*	BOWEN, S.....	112
ALI, M.E.....	79,138	BRAKE, M.....	17
ALLEN, T.W.....	49	BRANCH, W. D.	87
ALMEIDA, S.L.H.	67	BRANDENBURG, R. L.....	15,16,104*,121,149
ALYR, M.H.	58*	BRENNEMAN, T. B.	8,47,53,79,81,91,138
ANAMAN, F.....	121	BREWER, M.T.....	47
ANCO, D.J.....	16,65*	BRITTON, T.....	15,16
ANDERSON, D.	15,16,17	BROOKS, A.....	143
ANDERSON, K.E.....	23	BROWN, N.	87*
ANDERSON, J.....	15,16	BRYM, Z.T.	122,131
ANDRES, R.J.....	38,59*,76,89	BUCIOR, E.R.	94*
AREVALO-AYALA, A.	39	BUOL, G.S.	61,105*
ARTHUR, S.....	121,149*	BUROW, M. D.	5,52,74*,109,130,133, 151
ASIBUO, J.Y.....	103,121,123,129,149	BUTTS, C.L.....	25*,30
ATKINSON, A.G.....	44*	BYERS, C.....	69
AUSTIN, R.....	38	CAMERON, C.....	71
AWORI, K.J.	150*	CAMPBELL, J.D.....	71
BALDSSARI, J.	76	CAMPBELL, H.L.	48,84,85,106*
BALKCOM, K.B.	50	CANNON, S.	71
BALLEN-TABORDA, C.....	3	CANTONWINE, E.G.	44,45,46,51,80*,107, 141
BALOTA, M.....	6,16,29,93*,132	CARLSON, D.S.	37,113,137
BARROW, B.	15*,16,17	CARROLL, M.....	15,16
BASTOS, L.....	154	CARTER, A.....	27,28
BATTS, T.....	15	CARTER, B.....	135
BAUGHMAN, T. A.....	12,13,33,35,83,118	CARTER, E.T.	20,21,108*,126
BEARD, K.M.....	6*	CARTER, S.	135
BEDIAKO, K.A.	103,123,129		
BELL, J.....	8*		
BELL, K.....	113		
BEN-ISRAEL, G.....	78		

Author Index, Presentation Number (* Denotes Speaker)

CASON, J. M.	74,109*,130,133,151	DZOMEKU, I.K.	121
CASTELLANO, D.A.....	51*	EASON, K.M.	9,112*
CHAMBERLIN, K. D.	76,83,110*	EDWARDS, P.	113*,135
CHANDEL, A.	93,132	ELLISON, C.	15,16*,17
CHAVARRO, M.C.C.	56	FALALOU, H.....	5
CHEN, C. Y.	75*,92,96,114	FARMER, A.D.....	71
CHILDERS, L.....	15,16	FENG, Y.	75,96,114*
CHU, Y.	40,41,53,76,77,91,136	FERNANDEZ, R.	42
CLARK, N.	16	FLOYD, A.	115*,119
CLEARY, A.....	71	FONCEKA, D.	2,58,76
CLEVENGER, J.....	4,41,43,52,73,76*,77, 87,110	FOOTE, E.	11*,116*
CLOUD, C.....	135	FOUNTAIN, J.C.	43
COLF, A.....	15,16	GALLIOS, I.....	30*
COMMEY, L.	5*	GAMBLE, A.....	32,111
CONNOR, A.	49	GANGURDE, S.	4,73
COOK, H.J.	26	GAO, D.	53,57
COOKE, C.A.	50*	GARRITY, N.....	38*,89
COOPER, E.....	16	GAUS-BOWLING, T.....	74
COSTELLO, K.....	151*	GILL, T.	27,28
CREWS, B.	98	GOMILLION, M. W.	21,39,88,108
CROMER, Z.A.....	68	GOMIS, J.....	2*
CULBREATH, A. K.	4,41,44,45,46,73,79,81*, 88,91,113,138	GONZALEZ, M.C.	54,57
DAI, H-Y.....	136	GORNEY, A.	11,116
DAMICONE, J.....	83	GOYZUETA, M.	39,88,90*
DANG, P.M.....	75,92*,96	GRAHAM, S.H.....	50
DARAMOLA, O.S.....	152*	GRANT, M.M.....	117*
DASH, S.	71*	GREY, T. L.	8,9
DA SILVA, M.B.	82*	GRICHAR, W. J.....	12,33,118*
DAVEY, A.L.	1	GRIMES, L.....	15,16,17*
DEAL, S.....	17	GROVE, A.	15,16
DEAN, L. L.....	22*	GUO, B. Z.	4,41,43,73*
DE BLAS, F.	53,55*,56	GURGANUS, R.	15,16
DE VAL, M.D.....	32*,111*,128	GYIMA, A.G.	103,123,129,149
DEVKOTA, P.....	14,152	HAAK, D.C.	6
DIATTA, O.....	1	HAGAN, A. K.	84*
DICK, R.P.	1	HALL, D.....	135,154
DIEDHIOU, I.....	1	HAMMOND, W.	131
DIONE, M.M.....	1*	HANCOCK, G.	113
DIOUF, D.	58	HAND, J.	37,137
DJIBOUNE, R.....	2	HARDING, K.L.	23
DONG, A.K.....	140*	HARPER, T.	GS-1*
DOTRAY, P. A.....	12,33,118	HARRELL, J.....	15,16
DUDAK, J.L.....	12, 13*,35	HARRIS, G.H.	37,127,137
DUFAULT, N. S.	19,108	HAYES, B.....	154
DUFFECK, M.R.....	83*	HELD, D.W.....	7
DUNNE, J.C.....	11,38,42,59,76,89*,116	HENDRIX, K.W.....	22
		HENN, A.	49,70
		HIERS, J.B.	65

Author Index, Presentation Number (* Denotes Speaker)

HOAR, E.	29*	LANGEMEIER, R.	14,120
HOISINGTON, D.	115,119*,121,149	LANGSTON, D.	16,82
HOKIN, S.	71	LARIMER, T.D.....	69
HOLBROOK, C. C.	40,41,46,51,GS-3*,73, 91*,95	LEARY, M.	17
HOPKINS, M.S.	3,57*,140	LEE, H.	71
HOVAV, R.	78*	LEONARD, D.J.	20,21*
HUANG, W.	71	LEVERTT, J.....	57
HUFFMAN, M.....	15,16	LEVY, Y.....	78
HUNTER, R.M.S.	80,141*	LEWIS, K.L.	33
ICHAZO-RIBERA, L.C.	39*,108,126	LI, S.	14,120
INGRAM, S.	135	LI, Z.	24
JACKSON, K.	83	LILLEY, G.	15,16
JALAI, S.....	15,16	LIN, H-E.....	136
JESPERSEN, D.	97	LOKDARSHI, A.	107*
JIMENEZ-MADRID, A.M.	49	LOVELL, J.....	75
JORDAN, B.	71,107	LOZADA, D.	145
JORDAN, D. L.....	11,15,16,17,18,38,42, 61*,103,104,105,116, 121*,123,129,147,149	LUKE, M.....	135
JOSON, S.E.A.....	43*	LWASA, S.	27,28
JOYCE, R.....	135	MACDONALD, G.	36,152
KAAYA, A.N.	27,28	MADUGULA, S.	145
KALBERER, S.....	71	MAHAMA, G.	121,149
KANE, A.....	2	MAHARJAN, N.....	3*
KANISSERY, R.	152	MAINA, G.W.	24,124*
KANSABE, S.....	28	MAKTABI, S.....	153*
KAUR, L.	48*	MALANI, S.....	133
KELLEY, B.....	GS-4*	MALE, D.....	28
KEMERAIT, R.C.	31,34,44,46,47,81, 101,102,113,134,154	MALHEIROS, R.	23
KEMIGISHA, D.	27*,28	MALLOY, M.....	15,16
KENNEDY, J.	15,16	MALLARD, J.....	135,154
KICHLER, J.	37,137	MALONE, S.	16
KIM, D.Y.	122*	MALTAIS-LANDRY, G.....	36
KIMURA, E.	109	MANCHESTER, A.D.....	141
KING, D.	15,16	MANLEY, A.....	133
KIRK, K.R.	65	MARSHALL, M.W.	14,125*
KLUTSE, V.....	149	MARTER-KENYON, J.....	115,119
KORANI, W.....	4,41,73,76,77,87,110	MATANDARA, M.....	142*
KUDENOV, M.W.....	89	MAULDIN, M.D.	20*,21,126*
KUKAL, S.	31*,146	MAY, J.....	70,139
KUNTA, S.....	78	MCALLISTER, S.	37,98*,135,137
KUROUSKI, D.....	109	MCCAGHREN, J.	14,120
KVIEN, C.K.....	95	MCCUTCHEN, B.F.....	109
KWOSEH, C.K.	147	MCDONALD, L.G.	127*
KYEREH, W.....	103,123*,129	MCEACHIN, A.E.....	9*
LAMB, M.C.....	25,91,92,96	MCHUGH, K.	115,119
LAMPTEY, M.	103,123,129	MCINTYRE, J.S.....	25,26*
		MELO, R.A.C.....	154*
		MENDU, V.....	5,74
		MILES, L.	15,16
		MILLER, H.B.	48

Author Index, Presentation Number (* Denotes Speaker)

MILLS, F.D.	64*	PORTER, W.M.	10,135,154
MILLS, M.	33*	POWELL, S.	99
MIREMBE, R.M.	27,28*	PRASAD, P.V.V.	GS-2*
MOBLEY, M.	143*	PRASAD, R.	32
MOCHIAH, M.B.	103,121,123,129,149	PREISSER, L.	16
MONFORT, W.S.	66*,68,98,99	PRICE, P.	86*
MOON, C.	135	PRICE, T.	101*
MORENO, L.A.	95,97	PROSTKO, E. P.	34,60*,134,155
MORETZSOHN, M.C.	56	PUPPALA, N.	145
MORGAN, J.	15,16	RAINS, G.C.	34,69,134
MORLIN, F.	32	RAMI, J-F.	58
MUGISHA, J.	27	RANSOM, L.	17
MUSINGUZI, G.	24,124	RASHED, A.	29
MUSOKE, D.	27,28	RATHORE, J.	93,132*
MYERS, Z.	76	RAVELOMBOLA, W.S.	109,130,133*
NAIR, S.S.	64	READ, Q.	25
NBOYINE, J.A.	121,149	REAGIN, K.R.	10*
NEWMAN, C.S.	59	REDSUN, S.	71
NGUEPFOP, J.R.	2	REEVES, B.L.	100*
NGUYEN, A.	32	REISIG, D.	11,15,16,104,116
NIENOW, J.A.	51	REITER, S.	16
OAKLEY, A.T.	59,89	RHOADS, J.	115,119,121,149
OKELLO, D.K.	27,28	ROYALS, B.	104
OLIVEIRA, J.L.P.	67,128	RUSHING, B.	70
OLIVEIRA, M.F.	67*,128*	RUTHERFORD, S.	16
OLIVER, J.E.	79	SAMBOU, A.	2
ORTIZ, B.V.	32,67,111,128	SANMARTIN, P.	76
OTENG-FRIMPONG, R.	74	SANOGO, S.	145
OWUSU, R.Y.	103,123,129*	SANZ-SAEZ, A.	67,75,92,96*,128
OZIAS-AKINS, P.	40,41,53,76,77,91,95	SAPKOTA, M.	34*,134*
PADGETT, B.	86	SAPP, J.P.	10,135
PANDEY, L.	47*	SAPP, P.	37,137
PARKER, C.	48,84,85,106	SARKODIE-ADDO, J.	121,149
PARKER, W.	99*	SCHMUTZ, J.	75
PARKER, Z.	15,16	SCRUGGS, J.	66
PARRISH, B.	15,16	SEIDU, A.	121,149
PARRISH, M.	16	SEIJO, G.J.	56
PAULA-MORAES, S.V.	117	SEITZ, M.	15,16
PEDUZZI, A.	31,146	SEELY, T.	42*
PEREIRA, L.	14*,120*	SEYE, M.	2
PHAM, H.	74,130*,133	SHARMA, A.	32
PIKE, B.	15,16	SHAY, N.J.	60,155*
PILON, C.	31,47,67,95*,97,146,150, 153,154	SHEALY, J.	135
PITTS, J.J.	131*	SHIRLEY, A.	135
PODDAR, S.	144*	SILVA, F.A.	46*
POPE, W.	113	SIMPSON, C.E.	56,74,109,130,143,151
PORTER, J.	135	SINGH, H.	152
		SKIPPER, A.L.	63

Author Index, Presentation Number (* Denotes Speaker)

SMITH, A.	135	TUBBS, R.S.	66,68*
SMITH, A.R.	37,102,137	TUCKER, M.W.	37*,137*
SMITH, M.	15,16,18*	TYSON, W. G.	102*,135
SMITH, P.....	15,16	VALLS, J.F.M.....	56
SNIDER, J.L.	95,97,150	VAUGHN, J.N.	43
SORENSEN, R.B.....	94	VELLIDIS, G.....	30,31,67,146,153
SOUZA, J.B.C.....	67	VERCHOT, J.	151
SSEMPEBWA, J.	24,124	VICTORES, S.	36*
STALKER, H.T.....	56	VIRK, G.....	97*
STEINER, S.R.	145	VIRK, S.S.....	34,37,69*,134,137
STELLY, D.....	151	VU, T.C.....	23
STEPHENS, C.A.	27,28	WALIULLAH, S.....	138*
STEVENS, B.....	17	WALLACE, H.....	15,16
STRAYER-SCHERER, A.L.	7,48,84,85*,106	WANG, H.	73
STRICKLAND, M.....	15,16	WANG, J.	36
STRIPLING, A.	115,119	WANG, J.-S.....	24*,124
SUBEDI, S.....	145*	WANG, M.L.....	73,77,143
SUDINI, H.	5	WANG, S.	114
SULLINS, K.N.....	7*	WANG, Y.	114
SUTTON, K.L.	63*	WANN, D.	133
SYSSKIND, M.	146*,153	WARD, J.	15,16
TALLURY, S. P.	52*,56,77,143	WARREN, S.	66
TANNER, S.	135*	WATERS, K.M.....	20,21
TANG, L.	24,124	WATERS, M.....	15,16
TAYLOR, K.....	45*	WEBB, S.	41
TEDESCO, D.....	128	WEEKS, N.T.....	71
TENGEY, T.K.	5,74	WEISSBURG, J.R.	22
THOMPSON, E.....	4*,73	WELIDEHANNA, F.G.....	122
THURMOND, M.....	111,128	WHEELER, T.A.....	74
TILLMAN, B. L.	21,39,88*,90,108,126,131, 152	WILKERSON, T.H.....	49
TISHCHENKO, V.	97,150	WOOD, R.	15,16
TONNIS, B.D.	73,77*,143	WOROSZ, M.....	111
TOOMER, O.T.....	23*	WYNN, K.	19*
TORRES-DELGADO, L.	39	WYSOCKY, R.....	23
TOSSIM, A.	2	XUE, K.S.	24
TOSTENSON, M.L.	10	YENCHO, C.....	38
TOURE, K.....	1	YORKE, M.....	149
TRIPATHI, S.....	49*	YU, J.	144
TREADWAY, Z.R.....	12*,13,35	ZARE, A.	131
TSAI, Y.C.	53*,57	ZHANG, Q.	75,96
TSENG, Y.-C.	136*	ZHAO, X.	36
		ZURWELLER, B.	70,139*

Hotel Meeting Space Floor Plans

