



July 9-11, 2024

BEYOND THE DUST BOWL:

*Peanut Production Challenges
from the Ground Up*



Thank you to our generous sponsors!



OKLAHOMA PEANUT
COMMISSION



Farm Credit
WESTERN OKLAHOMA

Contributors to 2024 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:

Special Activities

BASF & Bayer – Wednesday Evening Savor & Connect Dinner – Oklahoma Ballroom IV
Corteva Agriscience – Thursday Evening Awards Reception – Oklahoma Ballroom IV

Meeting Breaks

Premium Peanut	HudsonAlpha
Fine Americas	FMC

Product Contributors

Alabama Peanut Producers Association	Jimbo’s Jumbos
Florida Peanut Producers Association	Mississippi Peanut Growers Assn
Georgia Peanut Commission	Hershey’s
Mars Chocolate, North America	Hormel
North Carolina Peanut Growers Association	National Peanut Board
The J.M. Smucker Company	Oklahoma Peanut Commission
South Carolina Peanut Board	Virginia Peanut Growers Association
Texas Peanut Producers Board	Western Peanut Growers Association

APRES Field Tour

Schantz Farms, Hydro, OK
Birdsong Peanut Buying Point, Eakly, OK
OAES Caddo Research Station, Fort Cobb, OK
Gunter Peanut Company, Binger, OK
TOUR LUNCH SPONSORED BY HELENA



**56th ANNUAL MEETING of the
AMERICAN PEANUT RESEARCH AND EDUCATION SOCIETY
Oklahoma City, Oklahoma
July 9-11, 2024**

BOARD OF DIRECTORS

President Bob Kemerait
Past President Mark Burow
President-Elect Rebecca Bennett
Executive Officer Richard Owen
University Representatives:
 Virginia-Carolina.....Maria Balota
 SoutheastKira Bowen
 Southwest Emi Kimura
USDA Representative Kelly Chamberlin
Graduate Student Organization Kaylyn Reagin
Industry Representatives:
 Grower Association Shelly Nutt, Texas Peanut Producers Board
 Shelling, Marketing, Storage.....William Pearce, Golden Peanuts
 Manufactured ProductsEric Dowd, Mars Wrigley
American Peanut Council..... Steve Brown, The Peanut Research Foundation
National Peanut BoardGreg Baltz

PROGRAM COMMITTEE

Rebecca Bennett, Chair

Local Arrangements

Maíra Duffeck, Chair
Kelly Chamberlin
David Nowlin

Technical Program

Emi Kimura, Chair

Spouses' Program

Peggy Dotray
Tracy Nowlin

2024 APRES COMMITTEES

Bailey Award Committee

Bob Kemerait, Chair (2024)
Emi Kimura (2024)
Dudley Dabbs (2024)
Kayla Eason (2025)
Jake Fountain (2025)

Bylaws Committee

Gary Schwarzlose, Chair (2026)
David Jordan (2026)

Coyt T. Wilson Service Award Committee

Timothy Grey, Chair (2024)
Michael Mulvaney (2024)
Naveen Puppala (2025)
Lisa Dean (2026)

Corteva Agrisciences Awards Committee

Cristiane Pilon, Chair (2024)
Mark Abney (2025)
John Richburg (2025)
Gibbs Wilson (2024)
Rebecca Bennett (2025)

Fellows Committee

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

Nominating Committee

Mark Burow, Chair (2024)
David Jordan (2024)
Kelly Chamberlin (2024)
Tim Brenneman (2024)

Finance Committee

Scott Monfort, Chair (2024)
Brendan Zurweller (2025)
Dan Anco (2024)

Joe Sugg Grad. Student Awards Committee

Bob Kemerait, Chair (2026)
Zachary Treadway (2026)
LeAnn Lux (2026)
Dan Anco (2024)
Maíra Duffeck (2026)
Sally Taylor (2024)

Peanut Quality Committee

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

Publications and Editorial Committee

Jamie Rhoades, Chair (2025)
Albert Culbreath (2026)
Maria Balota (2024)

Public Relations Committee

Darlene Cowart, Chair (2025)
David West (2026)
Ken Obasa (2025)
Pratap Devkota (2025)

Site Selection Committee

Todd Baughman, Chair (2025)
David Langston (2026)
Dan Anco (2024)
Henry McLean (2024)
Scott Tubbs (2024)
Amanda Hulse-Kemp (2025)
Amanda Strayer-Scherer (2025)

Monday - July 8, 2024

Optional Tour

8:30 am Depart Omni Hotel, OKC (Meet in hotel lobby)

9:30 am Arrive at Schantz Farms, Hydro, OK (Welcome—Merlin Schantz-owner/operator, Les Crall – OPC Chairman and NPB Alternate, David Nowlin- OPC Executive Director)

10:45 am Depart Schantz Farms

11:15 am Arrive at Birdsong Peanuts Buying Point, Eakly, OK

12:00 pm Depart Birdsong Peanuts Buying Point, Eakly, OK

12:30 pm Arrive at Oklahoma State University's Caddo Research Station, Ft. Cobb, OK

Sponsored lunch (Helena) and field tour (Speakers from Oklahoma State University: Dr. Scott Senseman, Associate Vice President, Division of Agricultural Sciences and Natural Resources; Dr. Wade Thomason, Department Head, Plant and Soil Sciences; Dr. Justin Talley, Department Head, Entomology and Plant Pathology; Wes Lee, Oklahoma Mesonet)

2:15 pm Depart OAES Caddo Research Station, Ft. Cobb, OK

2:45 pm Arrive at Gunter Peanut Company, Binger, OK

3:30 pm Depart Gunter Peanut Company, Binger, OK

4:30 pm Arrive at Omni Hotel, OKC

5:00 - 7:00 - Meet & Greet Happy Hour Social..... Social Capital OKC

Tuesday - July 9, 2024

7:30 - 5:00 - APRES Registration/Poster Setup Oklahoma Station Prefunction Area
8:00 - 5:00 - Presentation Practice Room Paseo
8:00 - 10:00 - Seed Summit..... Oklahoma 3
9:00 - 5:00 - Spouse Hospitality Room..... Deep Deuce
12:00 - 1:15 - Lunch.....(On your own)

Committee Meetings

10:00 - 12:00 - Crop Germplasm Committee Oklahoma 3
1:15 - 2:15 - Public Relations Committee..... Mistletoe
1:15 - 2:45 - Peanut Quality Committee Oklahoma 3
2:45 - 3:45 - Publications and Editorials Committee Pinion
2:45 - 3:45 - Associate Editors, *Peanut Science*..... Mistletoe
2:45 - 3:45 - Site Selection Committee Bricktown
4:00 - 5:00 - Bailey Award Committee Pinion
4:00 - 5:00 - Finance Committee..... Oklahoma 2
5:00 - 6:00 - Board of Directors..... Mistletoe

Technical Sessions

1:15 - 4:45 - Joe Sugg – Masters Competition I (*Sponsored by NC Peanut Producers*)..... Route 66
3:00 - 3:15 - Break (*Sponsored by Premium Peanut*) Oklahoma Station Prefunction Area
3:15 - 5:00 - Extension Techniques I Oklahoma 3
6:00 - 8:00 - ***“Welcome to Oklahoma” Ice Cream Social*** ***Scissortail Terrace***

Wednesday - July 10, 2024

7:00 - 5:00 - APRES Registration/Poster Setup..... Oklahoma Station Prefunction Area

8:00 - 5:00 - Spouse Hospitality Room Deep Deuce

8:00 - 5:00 - Presentation Practice Room.....Paseo

Sessions

8:00 - 10:00 - General Session – *Beyond the Dust Bowl: Peanut Production Challenges from the Ground Up*.....Oklahoma 1-3

10:00 - 10:15 - Break (*Sponsored by FMC*)..... Oklahoma Station Prefunction Area

10:15 - 11:30 - Joe Sugg – Masters Competition II (*Sponsored by NC Peanut Growers*) Route 66

10:15 - 11:30 - Weed Science & Entomology..... Oklahoma 1

10:15 - 11:45 - Breeding/Biotechnology/Genetics I..... Oklahoma 3

12:00 - 1:30 - Lunch..... (*on your own*)

1:30 - 4:00 - The Inaugural Charles Simpson Wild Arachis Species Session Oklahoma 3

1:30 - 3:45 - Plant Pathology & Mycotoxins..... Oklahoma 1

2:15 – 5:00 - Joe Sugg – PhD Competition I (*Sponsored by National Peanut Board*)..... Route 66

2:45 - 3:00 - Break (*Sponsored by FMC*)..... Oklahoma Station Prefunction Area

6:00 - 8:00 *Savor & Connect Dinner (Sponsored by BASF and Bayer)*..... **Oklahoma 4**

*Poster presentations open all day

Thursday - July 11, 2024

6:00 - 7:45 - Fun Run..... Omni Lobby
7:00 - 5:00 - APRES Registration/Poster Viewing Oklahoma Station Prefunction Area
8:00 - 5:00 - Spouse Hospitality Room..... Deep Deuce
8:00 - 5:00 - Presentation Practice Room Paseo

Sessions

8:00 - 9:00 - Food Science, Harvest, Shelling, Storage and Handling Oklahoma 3
8:00 - 9:15 - Production Technology and Economics Oklahoma 1
8:00 - 9:30 - Joe Sugg – PhD Competition II (*Sponsored by National Peanut Board*) Route 66
9:15 - 9:45 - Break (*Sponsored by Fine Americas*) Oklahoma Station Prefunction Area
9:45 - 12:10 - Flavor Symposium Oklahoma 1-3
12:10 - 1:30 - Graduate Student Luncheon (*Sponsored by Syngenta*) Mistletoe
12:10 - 1:30 - Lunch..... (on your own)
1:30 - 2:30 - Physiology and Seed Technology Oklahoma 1
1:30 - 2:30 - Joe Sugg – PhD Competition III (*Sponsored by National Peanut Board*) Route 66
1:45 - 3:15 - Breeding/Biotechnology/Genetics II..... Oklahoma 3
3:00 - 3:15 - Break (*Sponsored by HudsonAlpha*)..... Oklahoma Station Prefunction Area
3:15 - 5:00 - Poster Session (Authors Present)..... Oklahoma Station Prefunction Area
5:00 - 6:00 - APRES 56th Business Meeting and Awards Ceremony.....Oklahoma 1-3

6:00 - 7:30 Awards Reception (*Sponsored by Corteva Agriscience*)..... Oklahoma 4

*Poster presentations open all day

1:15 – 4:45	Joe Sugg MS Competition I Meeting Room: Route 66 <i>Moderator: Bob Kemeraït, University of Georgia</i>	Pres. #
1:15	Utilizing Grading Factors to Predict Loose Shell Kernel Generation under a Harsh Harvest Process L.C. ICHAZO-RIBERA* , B.L. TILLMAN, M.D. GOYZUETA, M.W. GOMILLION, North Florida REC, Agronomy Department, University of Florida. Marianna, FL 32446.	1
1:30	Peanut Leaf Spot Disease Progress in Different Peanut Genotypes Based on Lesion Incidence and Percent Defoliation F.A. SILVA* , A.K. CULBREATH, R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; S. LEAL-BERTIOLI, Department of Plant Pathology, University of Georgia, Athens, GA 30602; E.G. CANTONWINE, Department of Biology, Valdosta State University, Valdosta, GA 31698; C.C. HOLBROOK, USDA-ARS, Crop Genetics and Breeding Research, Tifton, GA 31793.	2
1:45	Coordinated Hydraulic Traits Confer Drought Tolerance in Peanut L. TORRES* , G. SAPES, W.M. HAMMOND, Agronomy Department University of Florida/IFAS, Gainesville, FL 32611; C. ICHAZO, M. GOMILLION, B. TILLMAN, North Florida Research and Education Center, Marianna, FL 32446.	3
2:00	Developing a Pheromone Trap Based Economic Threshold for Lesser Cornstalk Borer in Peanut M. LANE* , M. ABNEY, Department of Entomology, University of Georgia, Tifton Campus, Tifton, GA 31793.	4
2:15	An Evaluation of Prohexadione Calcium Formulation on Yield of Peanut (<i>Arachis hypogaea</i> L.) K. MORGAN , Department of Crop and Soil Sciences, University of Georgia, Tifton, GA, 31794; S. MONFORT, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA, 31794.	5
2:30	Exploring Peanut Root-Knot Nematode Resistance in <i>Arachis cardenasii</i> Introgressed Cultivated Peanut Lines S. BOTTON* , Department of Horticulture and Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton GA, USA; W. KORANI, Hudson-Alpha Institute for Biotechnology, Huntsville, AL; J. CLEVENGER, Hudson-Alpha Institute for Biotechnology, Huntsville AL; L. SCHUMACHER, USDA-ARS, Crop Genetics and Breeding Research, Tifton, GA; P. TIMPER, USDA-ARS, Crop Genetics and Breeding Research, Tifton, GA; Y. CHU, Department of Horticulture, University of Georgia, Tifton, GA; C.C. HOLBROOK, USDA-ARS, Crop Genetics and Breeding Research, Tifton, GA; P. OZIAS-AKINS, Department of Horticulture and Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA.	6
2:45	Harnessing Genetics: Improving Resistance to Tomato Spotted Wilt Virus in Cultivated Peanut S. WEBB* , Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA; Y. CHU, Department of Horticulture, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA; C.C. HOLBROOK, USDA-ARS, Crop Genetics and Breeding Research, Tifton, GA; J. CLEVENGER, W. KORANI, HudsonAlpha Institute for Biotechnology, Huntsville, AL; B. GUO, USDA-ARS, Crop Genetics and Breeding Research, Tifton, GA; A. CULBREATH, Department of Plant Pathology, University of Georgia, Tifton, GA; P. OZIAS-AKINS, Department of Horticulture, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA.	7
3:00	BREAK	

1:15 – 4:45	Joe Sugg MS Competition I continued Meeting Room: Route 66 <i>Moderator: Bob Kemeraït, University of Georgia</i>	Pres. #
3:15	Influence of Adjuvant and Size on Texas Panicum Control A. CLOBAS-CELIZ* , M.W. MARSHALL, Edisto Research and Education Center, Clemson University, Blackville, SC 29817.	8
3:30	Characterizing Rootworm Feeding and Its Impact on Peanut Pod Yield J. ROYSTON* , M. ABNEY, Department of Entomology, University of Georgia, Tifton Campus, Tifton, GA 31793.	9
3:45	Effects of Planting Date and Fungicide Spray Initiation on Leaf Spot Diseases of Peanut A.G. ATKINSON* , A.K. CULBREATH, R.C. KEMERAÏT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; E.G. CANTONWINE, Department of Biology, Valdosta State University, Valdosta, GA 31698.	10
4:00	Evaluation of Different Zone-Based Soil Sampling Strategies for Variable-Rate Lime Application in Peanut Fields J.D. BEASLEY* , S.S. VIRK, G.M. HARRIS, L.M. BASTOS, 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.	11
4:15	Assessing Plant Densities and Fungicide Programs for Interactions on Peanut Disease Incidence and Yield L. FRAPOLI* , R.S. TUBBS, Department of Crop and Soil Sciences, University of Georgia, Tifton Campus, Tifton, GA 31793; R.C. KEMERAÏT, Department of Plant Pathology, University of Georgia, Tifton Campus, Tifton, GA 31793.	12
4:30	Analyzing the Effects of Differing Seeding Rates on Thrips Infestation and Tomato Spotted Wilt Virus Incidence M. CAVASSA* , S. GRAHAM, A. STRAYER-SCHERER, Entomology and Plant Pathology Department, Auburn University, Auburn, AL 36849.	13

3:15 – 5:00	Extension Techniques I Meeting Room: Oklahoma 1 <i>Moderator: David Jordan, North Carolina State University</i>	Pres. #
3:15	Using the Fieldprint Calculator to Measure On-Farm Sustainability When Incorporating Irrigation Scheduling Methods on Cotton and Peanut Crops in Georgia K.R. Reagin* , W.M. PORTER, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793 0748; A. ALESSO, E.C. CORONEL, Field to Market, Washington D.C., 20002.	14
3:30	Cook County Peanut Fungicide Trial Results T. PRICE* , University of Georgia, Cook County, Adel, GA 31620; R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; B. REEVES, University of Georgia, Berrien County, Nashville, GA 31639.	15
3:45	Peanut Variety Response to Growth Regulator W. PARKER* , University of Georgia, Statesboro GA 30458; S. MONFORT, University of Georgia, Tifton, GA 31793; S. POWELL, University of Georgia, Soperton, GA 30457; S. TANNER, University of Georgia, Swainsboro, GA 30401.	16
4:00	Evaluating Fungicides for Reducing White Mold in Peanuts 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.	18
4:15	Survey of Peanut Farmer Practices Used to Protect Peanut from Injury Caused by Thrips in the Virginia-Carolina Region B. PENDLETON* , 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, D. ANDERSON, T. BATTS, J. ANDERSON, Z. PARKER, R. BRANDENBURG, D. REISIG, and D.L. JORDAN, NC State Extension, Raleigh, NC 27695; L. PREISSER, S. REITER, E. COOPER, S. RUTHERFORD, N. CLARK, and S. MALONE, Virginia Cooperative Extension Service, Blacksburg, VA; J. CROFT, J. VARN, R. GIBSON, M. MIKELL, D. DEWITT, C. DAVIS, and D. ANCO, Clemson Cooperative Extension Service, Clemson, SC 29634.	19
4:30	Thrips and Nematode Suppression with Vydate: Results from On-Farm and Research Station Trials C. ELLISON* , R. BRANDENBURG, B. ROYALS, E. FOOTE, D. LILLEY, P. SMITH, D.L. JORDAN, North Carolina State University, Raleigh, NC 27695.	20
4:45	On-Farm Testing Results in North Carolina from Peanut Trials in 2021-2023 M. STRICKLAND* , B. BARROW, C. ELLISON, L. GRIMES, L. MILES, D. KING, P. SMITH, B. PIKE, T. BRITTON, D. LILLEY, D. ANDERSON, R. BRANDENBURG, M. LEARY, E. FOORE, D.L. JORDAN, North Carolina State Extension, Raleigh, NC 27695.	21

*#17 withdrawn.

6:00 - 8:00 Ice Cream Social - Scissortail Terrace

8:00 – 10:00	General Session – <i>Beyond the Dust Bowl: Peanut Production Challenges from the Ground Up</i> Meeting Room: Oklahoma Station Ballroom 1-3 Moderator: <i>Bob Kemerait, University of Georgia</i>	Pres. #
8:00	Welcoming Remarks B. ARTHUR* , Oklahoma Commissioner of Agriculture and the President of the Oklahoma State Board of Agriculture, Oklahoma City, OK 73105.	22
8:10	Welcoming Remarks J. LUSK* , Vice President and Dean, Division of Agricultural Sciences & Natural Resources, Oklahoma State University, Stillwater, OK 74078.	23
8:20	Climate-Proof Your Farm: Catching the Raindrop Where It Falls J. EMMONS* , Oklahoma Farmer, and Senior Vice President of Climate-Smart Programs, Farm Journal. Leedey, OK 73654.	24
8:45	Considerations to Maximize Soil Health Benefits of Conservation Practices in the Southeast U.S. K.S. BALKCOM* , USDA-ARS, National Soil Dynamics Laboratory, Auburn, AL 36832.	25
9:10	USDA Climate Hubs: Supporting Climate-Informed Decision Making to Reduce Agricultural Production Risk A.F. CIBILS* , USDA-ARS, USDA Southern Plains Regional Climate Hub, Oklahoma & Central Plains Agricultural Research Center, El Reno, OK 73036.	26
9:35	Aquifer Health and Irrigation Prospects in the Southern High Plains, Southeast, and Mid Atlantic S.R. EVETT* , USDA-ARS, Conservation & Production Research Laboratory, Bushland, TX 79012.	27

10:15– 11:30	Joe Sugg MS Competition II Meeting Room: Route 66 <i>Moderator: Bob Kemeraït, University of Georgia</i>	Pres. #
10:15	Varietal Response of Peanut to Disease Pressure in a Mid-South Growing Environment B. BULLOCK* , B. ZURWELLER, B. PIERALISI, D. DODDS, Department of Plant and Soil Science, Mississippi State University, Mississippi State, MS 39762; T. WILKERSON, Department of Biochemistry, Molecular Biology, Entomology, and Plant Pathology, Mississippi State Delta Research and Extension Center, Stoneville, MS 38776.	28
10:30	Impact of Storage Conditions on Peanut Seed Viability S.J. BOWEN* , T. GREY, W.S. MONFORT, C. PILON, N.L. HURDLE, Department of Crop and Soil Sciences, University of Georgia, Tifton Campus, Tifton, GA 31793; K. EASON, USDA-ARS, Southeast Watershed Research Unit, Tifton, GA 31793.	29
10:45	Modeling the Relationship Between Peanut Yield and Sclerotinia Blight Severity in Oklahoma L. MÜLLER* , M.R. DUFFECK, J. DAMICONE, K. JACKSON, Department of Entomology and Plant Pathology, Oklahoma State University, Stillwater, OK 74078; R. BENNETT, and K. CHAMBERLIN, USDA-ARS, Peanut and Small Grains Research Unit, Stillwater, OK 74075.	30
11:00	Sensory Profiles and Volatile Compounds of Spanish, Valencia, and Runner Peanut Market-Types L.K. DEXTER-BOONE* , Food Science, Bioprocessing, and Nutrition Department, North Carolina State University, Raleigh, NC 27606; L.L. DEAN, S.D. JOHANNINGSMEIER, USDA-ARS, Food Science and Market Quality & Handling Research Unit, Raleigh, NC 27695.	31
11:15	Relative Vigor of Peanut Cultivars and Susceptibility to Rhizopus Seed and Seedling Rot L. MCEACHIN* , M. AKTARUZZAMAN, Plant Pathology Department, The University of Georgia, Tifton, GA 31794, T. BRENNEMAN, Plant Pathology Department, The University of Georgia, Tifton, GA 31794, C. PILON, Crop and Soil Science Department, The University of Georgia, Tifton, GA 31794.	32

10:15– 11:30	Weed Science and Entomology Meeting Room: Oklahoma 1 <i>Moderator: Scott Tubbs, University of Georgia</i>	Pres. #
10:15	Weed Escapes Following Vegetative Injury in Peanut at Different Growth Stages and Varying Intensity. R.S. TUBBS* , H.B. GODWIN, Crop and Soil Sciences Department, University of Georgia, Tifton, GA 31793; J. HOUX, M.E. ZARNSTORFF, National Crop Insurance Services, Overland Park, KS 66210.	33
10:30	Impact of Environmental Factors on Burrower Bug Injury and Aflatoxin on Georgia Peanut K. SUTTON* , M. ABNEY, Department of Entomology, University of Georgia, Tifton Campus, Tifton, GA 31793; C. PILON, G. VELLIDIS, M. SYSSKIND, Department of Crop and Soil Sciences, University of Georgia, Tifton Campus, Tifton, GA 31793.	34
10:45	Peanut Residual Herbicide Registrations in the US, a Review of Their Soil Chemistry Behavior T.L. GREY* , Crop and Soil Sciences Department, University of Georgia, Tifton Campus, Tifton, GA 31793; K.M. EASON, USDA-ARS, Southeast Watershed Research Unit, Tifton, GA 31793.	35
11:00	Peanut and Weed Response to Repeated Organic Herbicide Applications K. EASON* , USDA-ARS, Southeast Watershed Research Unit, Tifton, GA 31793; S. BOWEN, Department of Crop and Soil Sciences, The University of Georgia, Tifton, GA 31793.	36
11:15	Caparol® (Prometryn) or Reglone® (Diquat) for Weed Control in Peanut? E.P. PROSTKO* , N.J. SHAY, Department of Crop & Soil Sciences, The University of Georgia, Tifton, GA 31793.	37

10:15– 11:45	Breeding, Biotechnology, and Genetics I Meeting Room: Oklahoma 3 <i>Moderator: John Cason, Texas A&M University</i>	Pres. #
10:15	Effect of G x E Interaction on Oil and Oleic Fatty Acid Contents of Peanuts H. ZHANG, Department of Crop Science and Technology, College of Agriculture, South China Agricultural University, Guangzhou, China; Y. YU, C. CHEN* , Department of Crop, Soil, and Environmental Sciences, Auburn University, Auburn, AL 36849, USA; M. WANG, USDA-ARS, Plant Genetic Resources Conservation Unit, Griffin, GA 30223, USA; P. DANG, USDA-ARS National Peanut Research Laboratory, Dawson, GA 39842, USA.	38
10:30	Progress in Breeding for Resistance to Leaf Spot in Florida B.L. TILLMAN* , M. GOYZUETA, M. GOMILLION, University of Florida, North Florida Research and Education Center, Marianna, FL 32351, S. TYLER THORNTON, Pioneer.	39
10:45	The 1,000 <i>Aspergillus flavus</i> Genomes Initiative: Investigating the Genetic Diversity of <i>A. flavus</i> Isolates Associated with Georgia Peanuts A. ADAMS* , S.E.A. JOSON, J. FOUNTAIN, Department of Plant Pathology, University of Georgia, Griffin, GA 30223; J. CLEVENGER, Z. MYERS, W. KORANI, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806; R. HOLTON, Institute of Plant Breeding, Genetics, and Genomics (IPBGG), University of Georgia, Tifton, GA 31793; Premium Peanut LLC., Douglas, GA 31535; T. BRENNEMAN, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; S. LU, Department of Biochemistry, Molecular Biology, Entomology, and Plant Pathology, Mississippi State University, Mississippi State, MS 39762; H.K. ABBAS, USDA-ARS, Biological Control of Pests Research Unit, Stoneville, MS 38776.	40
11:00	A New Peanut Cultivar with Resistance to White Mold C.C. HOLBROOK* , USDA-ARS, Crop Genetics and Breeding Research Unit, Tifton, GA 31793; T.B. BRENNEMAN, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; P. OZIAS-AKINS, Department of Horticulture, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA 31793; A. CULBREATH, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; Y. CHU, Department of Horticulture, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Tifton, GA 31793.	41
11:15	Validation of Two QTL Associated with Sclerotinia Blight Resistance in Peanut K.D. CHAMBERLIN* , R.S. BENNETT, USDA-ARS, Peanut and Small Grains Research Unit, Stillwater, OK 74075; J.P. CLEVENGER, W. KORANI, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806.	42
11:30	Evaluation of Seed Quality Traits among 13 Peanut Genotypes Challenged to a Naturally Occurring Late-Season Drought P.M. DANG* , R.B. SORENSEN, E.R. BUCIOR, M.C. LAMB, USDA-ARS National Peanut Research Lab, Dawson, GA 39842; C.Y. CHEN, Auburn University, Auburn, AL 36849.	43

1:30 - 4:00	Charles Simpson Wild Arachis Species Session Meeting Room: Oklahoma 3 <i>Moderator: Shyam Tallury, USDA-ARS</i>	Pres. #
1:30	Travels with Charlie D.E. WILLIAMS* , Agriculture, Natural Resources and Climate Change Program, Inter-American Institute for Cooperation on Agriculture (IICA), San José, Costa Rica (retired).	44
2:00	Reassessing Yield Drag Associated with Peanut Root Knot Nematode Resistance Introgressed from TxAG-6 Near-Isogenic Lines N. BROWN* , W.D. BRANCH, Institute of Plant Breeding, Genetics, and Genomics, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; T.B. BRENNEMAN, Department of Plant Pathology, University of Georgia, Tifton, GA 31793.	45
2:15	Incorporating Genotype-Environment Association Methods and Disease Resistance into Peanut Pre-breeding A.N. MASSA* , R.S. ARIAS, V.S. SOBOLEV, P.C. FAUSTINELLI, M.C. LAMB, USDA-ARS, National Peanut Research Laboratory, U.S. Department of Agriculture, Dawson, GA 39842.	46
2:30	Genomics Resources Supporting the USDA Arachis Germplasm Collection Y. CHU, P. OZIAS-AKINS, Horticulture Department, University of Georgia, Tifton Campus, Tifton, GA 31793; S. BOTTON, Institute of Plant Breeding, Genetics, & Genomics, University of Georgia, Tifton Campus, Tifton, GA 31793; T.G. ISLEIB, Department of Crop Science, North Carolina State University, Raleigh, NC 27695; B. SCHEFFLER, C. YOUNGBLOOD, USDA-ARS, Genomics Bioinformatics Research Unit, Starkville, MS 39759; J. CLEVINGER* , W. KORANI, Z. MYERS, L. GRIFFIN, P. SANMARTIN, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806; S. TALLURY, USDA-ARS, Plant Genetic Resources Conservation Unit, Griffin, GA 30223.	47
2:45	The Integrated Arachis Pangene Resource at PeanutBase S. DASH* , C. CAMERON, A. CLEARY, A.D. FARMER, S. REDSUN, S. HOKIN, National Center for Genome Resources, Santa Fe, NM 87505; J.D. CAMPBELL, S. CANNON, W. HUANG, S. KALBERER, N.T. WEEKS, USDA-ARS, Corn Insects and Crop Genetics Research Unit, Ames, IA 50011.	48
3:00	Widening the Genetic Base of Peanut Using Wild Species – Success Stories D.J. BERTIOLI* (on behalf of the Wild Peanut Lab) Department of Crop and Soil Sciences/Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA 30602.	49
3:15	The Migrations of Arachis stenosperma – from the Brazilian Far West to Multi-resistant Peanuts in Three Continents S.C.M. LEAL-BERTIOLI* , Institute of Plant Breeding, Genetics & Genomics and Department of Plant Pathology, The University of Georgia, Athens, GA 30602; C.E. SIMPSON, Texas A&M AgriLife Research, Stephenville, TX 76401; M.C. MORETZSOHN, J.F.M. VALLS, Embrapa Genetic Resources and Biotechnology, Brasilia, Brazil 70770-917; D.J. BERTIOLI Institute of Plant Breeding, Genetics & Genomics and Department of Crop & Soil Sciences, The University of Georgia, Athens, GA 30602.	50
3:30	International Treaties and the USDA Peanut Germplasm Collection S.P. TALLURY* , N.E. STIGURA, USDA-ARS, Griffin, GA 30223; C.E. SIMPSON, Texas A&M AgriLife Research, College Station, TX 77843; D.J. BERTIOLI, Department of Crop and Soil Sciences, University of Georgia, Athens, GA 30602; G.J. SEIJO, Northeast University, Corrientes, Argentina.	51
3:45	Closing Remarks	

1:30 – 3:45	Plant Pathology Nematology, and Mycotoxins Meeting Room: Oklahoma 1 <i>Moderator: LeAnn Lux, North Carolina State University</i>	Pres. #
1:30	Winter Cover Crop and Planting Date Influence on Tomato Spotted Wilt, Leaf Spot, Stem Rot, Peanut Root-Knot, and Yield of Two Peanut Cultivars in a Dryland Production System from 2014 to 2016 A.K. HAGAN* , A. STRAYER-SCHERER, H.L. CAMPBELL, K.L. BOWEN, Department of Entomology and Plant Pathology, Auburn University, AL 36849; C. PARKER, Wiregrass Research and Extension Center, Headland, AL 36345.	52
1:45	Field Evaluation of Trebuset Peanuts®: a Novel Seed Treatment from Syngenta W.H. FAIRCLOTH* , H. MCLEAN, Syngenta Crop Protection, LLC, Greensboro, NC 27409; W.S. MONFORT, Crop and Soil Sciences Department, University of Georgia, Tifton, GA 31793; T. BRENNEMAN, Department of Plant Pathology, University of Georgia, Tifton, GA 31793; K.B. BALKCOM, Department of Crop, Soil, and Environmental Science, Auburn University, Auburn, AL 36849.	53
2:00	Assessing Spray Deposition and Efficacy of Peanut Fungicide Applications with Drone and Ground Sprayers J.C. HANCOCK* , S.S. VIRK, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; C.W. BYERS, R. MEENA, College of Engineering, University of Georgia, Tifton, GA 31793; A.K. CULBREATH, R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793.	54
2:15	Mixtures of a Phosphite Fungicide and Micronized Sulfur for Control of Late Leaf Spot of Peanut A.K. CULBREATH* , T.B. BRENNEMAN, R.C. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793-5766; E.G. CANTONWINE, Department of Biology, Valdosta State University, Valdosta, GA 31698.	55
2:30	Management of Peanut Leaf Spot and Rust in Nicaragua using Fungicides with and without Micronized Sulfur T. BRENNEMAN* , A. K. CULBREATH, Plant Pathology Department, The University of Georgia, Tifton, GA 31794, and D. FRANCISCO, La Asociación de Agricultores de Chinandega (ADACH), Chinandega, Nicaragua.	57
2:45	Break	
3:00	New Approaches to Utilizing Afla-Guard to Minimize Aflatoxin in Peanut M.C. LAMB* , R.B. SORENSEN, C.L. BUTTS, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842.	58
3:15	Suppression of Sclerotinia Blight with Co-Application of Pydiflumetofen, Azoxystrobin, and Benzovindiflupyr in North Carolina L. LUX* , E. FOOTE, D.L. JORDAN, North Carolina State Extension, Raleigh, NC 27695.	59
3:30	Evaluation of Different Fungicide Programs across Five Virginia-type Peanut Varieties M.B. DA SILVA* , M. BALOTA, D. LANGSTON, Tidewater Agricultural Research and Extension Center, Virginia Polytechnical Institute and State University, Suffolk, Virginia 23437.	60

*Presentation #56 withdrawn

2:15– 5:00	Joe Sugg Ph.D. Competition I Meeting Room: Route 66 <i>Moderator: Bob Kemerait, University of Georgia</i>	Pres. #
2:15	Elucidating Physio-Genomic Responses of Peanut to Heat and Drought Stress Conditions R.R. VENNAM* , M. BALOTA, Tidewater Agricultural Research and Extension Center, Virginia Polytechnic Institute and State University, Suffolk, VA 23437; K.M. BEARD, D.C. HAAK, School of Plant and Environmental Sciences, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061.	61
2:30	Implications of Planting Date on Sicklepod (<i>Senna obtusifolia</i> L.) and Benghal Dayflower (<i>Commelina benghalensis</i> L.) Management in Peanut O.S. DARAMOLA* , G.E. MACDONALD, B.L. TILLMAN, H. SINGH, P. DEVKOTA, Department of Agronomy, University of Florida, Gainesville, FL 32611; R. KANISSERY, Department of Horticulture, University of Florida, Immokalee, FL 34142.	62
2:45	Unraveling Photosynthetic Thermotolerance in Wild Genotypes and Cultivated Peanuts K.J. AWORI* , C. PILON, J.L. SNIDER, Department of Crop and Soil Sciences, The University of Georgia, Tifton, GA 31793; S. BERTIOLI, Department of Plant Pathology, The University of Georgia, Athens, GA 30602; D. BERTIOLI, Department of Crop and Soil Sciences, The University of Georgia, Athens, GA 30602; V. TISHCHENKO, Department of Crop and Soil Sciences, The University of Georgia, Griffin, GA 30223.	63
3:00	Evaluating Leaf and Canopy Photosynthetic Responses to Drought in Peanut Grown under Field Conditions S. HANIF* , C. CHEN, Department of Crop, Soil and Environmental Science, Auburn University, AL 36849; W. BATCHELOR, Biosystem Engineering, Auburn University, AL 36849; P.M. DANG, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842; A. SANZ-SAEZ, Department of Crop, Soil and Environmental Science, Auburn University, AL 36849.	64
3:15	Using Analytical Techniques to Quantify Imazapic Soil Dissipation A.E. MCEACHIN* , T.L. GREY, Department of Crop & Soil Sciences, University of Georgia, Tifton, GA 31793; K.M. Eason, USDA-ARS, Southeast Watershed Research Unit, Tifton, GA 31793.	65
3:30	Break	

2:15– 5:00	Joe Sugg Ph.D. Competition I continued Meeting Room: Route 66 <i>Moderator: Bob Kemeraït, University of Georgia</i>	Pres. #
3:45	Understanding Physiological Responses in Peanut Reproductive Tissues under Co-Occurring Heat and Drought Stress K.M. BEARD* , R.R. VENNAM, School of Plant and Environmental Sciences, Virginia Polytechnical Institute and State University, Blacksburg, VA 24060; M. BALOTA, Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, VA 23437; D.C. HAAK, School of Plant and Environmental Sciences, Virginia Polytechnical Institute and State University, Blacksburg, VA 24060.	66
4:00	Searching for Stem Rot Resistance: Could <i>A. microsperma</i> Have a Macro Impact? D.J. MATUSINEC* , M.H. ALYR, M.S. HOPKINS, Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA 30602; Y.C. TSAI, Department of Plant Pathology, University of Georgia, Athens, GA 30602; S.C.M. LEAL-BERTIOLI, Institute of Plant Breeding, Genetics & Genomics, Department of Plant Pathology, University of Georgia, Athens, GA 30602; D.J. BERTIOLI, Institute of Plant Breeding, Genetics & Genomics, Department of Crop & Soil Sciences, University of Georgia, Athens, GA 30602.	67
4:15	Genome-Wide Association Study Reveals Genetic Insights into TSW and Leaf Spot Disease Resistances in Peanut J. ZHANG * , C. CHEN, Department of Crop, Soil, and Environmental Sciences, Auburn University, Auburn, AL 36849; K. CHAMBERLIN, USDA-ARS, Peanut and Small Grains Research Unit, Stillwater, OK 74074; J. CLEVENGERD, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806; M. WANG, USDA-ARS, Plant Genetic Resources Conservation, Griffin, GA 30223; P. DANG, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842.	68
4:30	XtendFlex® and Enlist® Volunteer Cotton Control in Peanuts M. SMITH* , Department of Entomology and Plant Pathology, Oklahoma State University, Altus, OK 73521; T. BAUGHMAN, Z. TREADWAY, J. DUDAK, Department of Plant and Soil Sciences, Oklahoma State University, Ardmore, OK 73401.	69
4:45	Seeds of Trust: A Study of the Purity of Harvested Peanut Grain S. LAMON* , B.D. TONNIS, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Athens, GA 30602; R. HOLTON, Premium Peanut, Douglas, GA 31535; S.C.M. LEAL-BERTIOLI, Department of Plant Pathology, University of Georgia, Athens, GA 30602; D.J. BERTIOLI, Institute of Plant Breeding, Genetics and Genomics, University of Georgia, Athens, GA 30602.	70

6:00 - 8:00 Savor & Connect Dinner (Sponsored by BASF and Bayer) Oklahoma 4

8:00 – 9:15	Production Technology and Economics Meeting Room: Oklahoma 1 <i>Moderator: Hardeep Singh, University of Florida</i>	Pres. #
8:00	Response of Rainfed Peanut to Different Rates of Prohexadione Calcium Application H. SINGH* , K. SINGH, West Florida Research and Education Center, Department of Agronomy, University of Florida, Jay, FL 32565; M.J. MULVANEY, Department of Plant and Soil Sciences, Mississippi State University, Starkville, MS 39762; M. BASHYAL, School of Agricultural Sciences, Northwest Missouri State University, Maryville, MO 64468.	71
8:15	Acquiring, Analyzing, and Visualizing Publicly Available Peanut Data T.W. GRIFFIN* , Department of Agricultural Economics, Kansas State University, Manhattan, KS 66506; J.K. WARD, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC 27695.	72
8:30	Evaluating Poultry Litter Amendments within a Peanut-Cotton Rotation B. ZURWELLER* , J. MAY, Plant and Soil Sciences, Mississippi State University, Mississippi State, MS 39762.	73
8:45	ARC and PLC Enrollment and Payments for Peanuts under the 2014 and 2018 Farm Bills and Potential Modifications for the Next Farm Bill N.B. SMITH* , Department of Agricultural Sciences, Clemson University, Clemson, SC 29634; S. BUCKELEW, Clemson Cooperative Extension, Clemson University Sandhill Research and Education Center, Columbia, SC 29229.	74
9:00	New Information on Peanut Response to Freezing Temperatures before and after Digging D. JORDAN* , E. FOOTE, North Carolina State Extension, Raleigh, NC 27695; M. BRAKE, B. STEVENS, C. DEAL, I. LANIER, G. HOGGARD, North Carolina Department of Agriculture and Consumer Services, Raleigh, NC 27607.	75

8:00 - 9:00	Food Science, Harvest, Shelling, Storage, Handling Meeting Room: Oklahoma 3 <i>Moderator: Foy Mills, JLA</i>	Pres. #
8:00	Degradation of Peanut Hull Integrity from Exposure to Rain While in Windrows J.S. MCINTYRE* , H.J. COOK, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842; Q.D. READ, USDA ARS, Southeast Area, Raleigh, NC 27606; E.R. BUCIOR, R.B. SORESENSEN, M.C. LAMB, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842.	76
8:15	Can Peanut Combines Influence Cotton Yields? J.S. CALHOUN* , A. CROSBY, Department of Plant Sciences and Technology, University of Missouri, Fisher Delta REEC, Portageville, MO 63873.	77
8:30	Use of High-Oleic Peanuts and Peanut Skins as Alternative Poultry Feed Ingredients in Shell Egg Production O.T. TOOMER* , T.C. VU, USDA-ARS, Food Science & Market Quality and Handling Research Unit, Raleigh, NC 27695; R. WY SOCKY, V. MORAES, R. MALHEIROS, K.E. ANDERSON, Prestage Department of Poultry Science, North Carolina State University, Raleigh, NC 27695.	78
8:45	Peanut Composition as Affected by Seed Maturity L.L. DEAN* , K.W. HENDRIX, USDA-ARS, Food Science and Market Quality & Handling Research Unit, Raleigh, NC 27695-7624.	79

8:00 - 9:30	Joe Sugg Ph.D. Competition II Meeting Room: Route 66 <i>Moderator: Bob Kemeraït, University of Georgia</i>	Pres. #
8:00	Application of Machine Learning for Selection for LLS Resistance in Peanut (<i>Arachis hypogaea</i> L.) Breeding I. CHAPU* , R.C.O. OKELLO, College of Agricultural and Environmental Sciences, Makerere University, Kampala Uganda; D.K. OKELLO, National Semi-Arid Resources Research Institute, Soroti, Uganda; A. CHANDEL, M. BALOTA, Virginia Tech, Tidewater Agricultural Research and Extension Center, Suffolk, Virginia 23437.	80
8:15	Conversion of Early Maturing Spanish-Type Peanut Variety to Resistance to Early Leaf Spot Using an <i>Arachis cardenasii</i> Derivative Line as Donor J. GOMIS* , A. KANE, Cheikh Anta Diop University of Dakar, Dakar-Fann, Senegal; A. SAMBOU, H. A TOSSIM, M. SEYE, R. DJIBOUNE, ISRA/CERAAS, Thiès, Senegal; D. BERTIOLI, S. BERTIOLI, University of Georgia, Athens, GA, USA; J.R. NGUEPJOP, J.F. RAMI, D. FONCEKA, CIRAD UMR AGAP, France.	81
8:30	Wild Species <i>Arachis stenosperma</i> Provides a Novel Source of Root-Knot Nematode Resistance in High-Yielding Backcross Lines of Cultivated Peanut E.C. BARNES* , Institute of Plant Breeding, Genetics & Genomics, University of Georgia, Athens, GA 30602; T. BRENNEMAN, S.C. LEAL-BERTIOLI, Department of Plant Pathology, University of Georgia, Athens, GA 30602; N. BROWN, D. BERTIOLI, Department of Crop and Soil Sciences, University of Georgia, Athens, GA 30602.	82
8:45	Gene Expression Regulating the Heat-Adaptive Lipid Remodeling in Peanut M. SATHASIVAM* , W.W. SPIVEY, S. RUSTGI, Department of Plant and Environmental Sciences, Clemson, SC 29634; M. BUROW, Department of Plant and Soil Sciences, Texas Tech University, Lubbock, TX 79409, and Texas A&M AgriLife Research, Lubbock, TX 79403; S. NARAYANAN, Department of Plant & Environmental Sciences, Clemson, SC 29634.	83
9:00	MAGIC Peanut and Pangenome Identify a Third <i>FAD2</i> Gene Associated with High Oleic Acid Content in Peanut E. THOMPSON* , A.K. CULBREATH, University of Georgia, Department of Plant Pathology, Tifton, GA 31793; W. KORANI, J.P. CLEVINGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806; B. TONNIS, M.L. WANG, USDA-ARS, Plant Genetic Resources Conservation Unit, Griffin, GA 30223; C.C. HOLBROOK, B. GUO, USDA-ARS, Crop Genetics and Breeding Research Unit, Tifton, GA 31793.	84
9:15	Expression of Resistance of the Peanut Line GP-NC WS 6 to <i>Meloidogyne hapla</i> E. FOOTE* , J. DUNNE, A. GORNY, D. JORDAN, D. REISIG, North Carolina State University, Raleigh, NC 27695.	85

9:45 – 12:10	Flavor Symposium Meeting Room: Oklahoma Station Ballroom 1-3 <i>Moderator: Chris Liebold, JM Smucker</i>	Pres. #
9:45	Flavor Development and Measurement in Peanuts L.L. DEAN* , USDA-ARS, Food Science and Market Quality & Handling Research Unit, Raleigh, NC 27695.	86
10:10	Improving Tomato Flavor Using Biochemistry, Genomics and Breeding D.M. TIEMAN* , Horticultural Science Department, University of Florida, Gainesville FL 32611.	87
10:35	Improving Roast Peanut Flavor through Near-Infrared Spectroscopy and Genomic Selection J.C. DUNNE* , R.J. ANDRES, A.T. OAKLEY, N.K. GARRITY, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC 27695.	88
11:00	Break	
11:10	Development of a Breeder Focused On-Demand Training Program for Peanut Flavor Screening L.C. STAPLETON* , G.V. CIVILLE, J. SELTSAM, Sensory Spectrum, Inc., New Providence, NJ 07978.	89
11:30	Industry Panel Discussion J. DUNNE (Moderator), Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC 27695; L. BASHORE , Research Scientist for Planters & Corn Nuts, Hormel Foods, Northbrook, IL 60062; J. DAVIS , Director of Technical Services, JLA, Albany, GA 31721; C. DORSETT , Vice President, Food Safety & Sustainability, Premium Peanut, Douglas, GA 31535; E. DOWD , Senior Manager for Mints, Nuts, Flavor, Mars-Wrigley, Chicago, IL 60642; C. LIEBOLD , R&D Manager, Nut Spreads, J.M. Smucker, Alexandria, VA 22314; W. PEARCE , Commercial Manager, Golden Peanut, Alpharetta, GA 30022.	90

1:30 – 2:30	Physiology and Seed Technology Meeting Room: Oklahoma 1 <i>Moderator: Timothy Grey, University of Georgia</i>	Pres. #
1:30	Oxidative Stress in Peanut Genotypes Caused by Heat at Peak Flowering K.J. AWORI, C. PILON* Crop and Soil Sciences Department, The University of Georgia, Tifton Campus, Tifton, GA 31793; S. LEAL-BERTIOLI, Plant Pathology Department, The University of Georgia, Athens Campus, Athens, GA 30602; D. BERTIOLI Crop and Soil Sciences Department, The University of Georgia, Athens Campus, Athens, GA 30602.	91
1:45	Heat Stress Tolerance of Photosynthesis and Respiration in Peanut V. PARKASH* , K.J. AWORI, I.B. ALMEIDA, J. SNIDER, C. PILON, N. BROWN, Department of Crop and Soil Sciences, University of Georgia, Tifton, GA, 31793.	92
2:00	Prohexadione Calcium Effect on Yield, Kernel Size, and Peanut Maturity-Second Year M. BALOTA* , Tidewater Agricultural Research and Extension Center, Suffolk, Virginia 23437; P. JJAGWE, A. CHANDEL, Biological Systems Engineering Department, Virginia Polytechnical Institute and State University, Blacksburg, Virginia 24060; M. CHAPPELL, Tidewater Agricultural Research and Extension Center, Suffolk, Virginia 23437.	93
2:15	Lipid Remodeling Contributing to Heat Stress Adaptation in Peanut S. NARAYANAN* , W.W. SPIVEY, Department of Plant and Environmental Sciences, Clemson University, Clemson, SC 29634; Z.S. ZOONG LWE, Department of Biochemistry and Molecular Biophysics, Kansas State University, Manhattan, KS 66506; S. RUSTGI, Department of Plant and Environmental Sciences, Clemson University, Clemson, SC 29634; R. WELTI, Division of Biology, Kansas State University, Manhattan, KS 66506; M. BUROW, Department of Plant and Soil Sciences, Texas Tech University, Lubbock, TX 79409, and Texas A&M AgriLife Research, Lubbock, TX 79403.	94

1:45 – 3:15	Breeding, Biotechnology, and Genetics II Meeting Room: Oklahoma 3 <i>Moderator: Naveen Puppala, New Mexico State University</i>	Pres. #
1:45	Release of Tamrun OL18L and Tamrun OL19 Runner Peanut M.D. BUROW* , Texas A&M AgriLife Research, Lubbock, TX 79403, and Texas Tech University, Department of Plant and Soil Science, Lubbock, TX 79409; M.R. BARING, Texas A&M AgriLife Research, College Station, TX 77843; J. CHAGOYA, Y. LÓPEZ, Texas A&M AgriLife Research, 1102 East FM 1294, Lubbock, TX 79403; C. SIMPSON, J. CASON, Texas A&M AgriLife Research, Stephenville, TX 76401.	96
2:00	Allelic Specific Anchors for Marker Assisted Selection by Kompetitive Allele Specific PCR (KASP™) J. THOMAS* , J. MARSHALL-DRAKE, Department of Chemistry and Biochemistry, Lubbock Christian University, Lubbock, TX 79407.	97
2:15	Development and Selection of High Yielding and High Oleic Peanut Lines for Revitalizing Peanut Industry in Senegal I. FAYE* , Senegalese Agriculture Research Institute, Bambey, Senegal; M.D. BUROW, Peanut Breeding and Genetics, Texas A&M AgriLife Research and Texas Tech University, Department of Plant and Soil Science, Lubbock, Texas 79403, USA; M. MBAYE, B. SINE, A. SAMBOU, Senegalese Agriculture Research Institute, Thies, Senegal; M. BALOTA, Virginia Tech, Tidewater Agricultural Research and Extension Center, Suffolk, Virginia 23437, USA; D. HOISINGTON, J. RHOADS, Feed the Future Innovation Lab for Peanut, Athens, GA 30602, USA.	98
2:30	Release of Three Varieties from the Groundnut Improvement Network for Africa (GINA) Collection in Uganda D.K. OKELLO* , I. CHAPU, P. OSIA, R. OWINY, P. NAMUTOSI, E. EDWONGU, B. APENYU, A.M. UGEN, National Semi-Arid Resources Research Institute (NaSARRI)-Serere, Soroti, Uganda; D. FONCEKA, ISRA/Centre d'Etudes Régional pour l'Amélioration de l'Adaptation à la Sécheresse (CERAAS), Thiès, Senegal; C.M. DEOM, The University of Georgia, Athens, GA 30602, USA; D. HOISINGTON, Feed the Future Innovation Lab for Peanut, The University of Georgia, Athens, GA 30602, USA.	99
2:45	Integrating Phenomics and Genomics Tools for Isolating a Major QTL for Iron Uptake Potential in Peanut N. LEVITAN, S. KUNTA, Y. LEVY, R. HOVAV* , Department of Field Crops, Institute of Plant Sciences, Agriculture Research Organization - the Volcani Center, Rishon LeZiyyon, Israel; T. PAZ-KAGAN, T. CARAS, The Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev, Israel; A. CHEN, MIGAL - Galilee Research Institute, Kiryat-Shemona, Israel; J. CLEVINGER, Z. MYERS, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806, USA.	100
3:00	Transcriptomic Analysis in Peanut Seeds Reveals Genes with Potential to Improve Peanut Resistance to Aflatoxin Contamination C. CARDON* , C. SPRUEILL, C. CHAVARRO, S. JACKSON, P. OZIAS-AKINS, Horticulture Department, Institute of Plant Breeding Genetics and Genomics, University of Georgia, Tifton Campus, Tifton, GA 31793.	101

* Presentation #95 moved to M.S. Poster Competition

1:30 – 2:30	Joe Sugg Ph.D. Competition III Meeting Room: Route 66 <i>Moderator: Bob Kemerait, University of Georgia</i>	Pres. #
1:30	Peanuts vs. Leaf Spot: Growing Our Defenses with Wild Species A.K. DONG* , 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; S.C.M. LEAL-BERTIOLI Department of Plant Pathology, University of Georgia, Athens GA 30602.	102
1:45	Evaluating the Potential of Inoculation with ACC Deaminase-Containing Rhizobia to Improve Peanut Drought Tolerance Q. ZHANG* , O. ADENIJI, Y. FENG, C. CHEN, A. SANZ-SAEZ, Crop, Soil and Environmental Sciences, Auburn University, AL 36849; S. WANG, Y. WANG, Biosystem Engineering, Auburn University, AL 36849; P. DANG, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842.	103
2:00	Peanut Response to Delayed Timings of Fluridone (Brake®) and Trifludimoxazin (Rexovor®) N.J. SHAY* , E.P. PROSTKO, Department of Crop and Soil Sciences, The University of Georgia, Tifton, GA 31794.	104
2:15	Magnitude of Fungicide Resistance in <i>Agroathelia rolfsii</i> from Georgia Peanut Fields and Its Phenotypic and <i>In Planta</i> Effects J. BELL* , A. CULBREATH, J. OLIVER, T. BRENNEMAN, Plant Pathology Department, University of Georgia, Tifton, GA 31794.	105

3:15 – 5:00 Poster #	General Poster Session Meeting Room: Oklahoma Station Prefunction Area	Pres. #
1	Genome-Wide Association Study of Smut Resistance in a New Core Population from Argentina E.A. ROSSI* , Instituto de Investigaciones Agrobiotecnológicas, UNRC-CONICET, Argentina; S. MAGALLANES, A. FALCO, M. CAVIGLIASSO, DRS – MANIAGRO SA, Argentina; N. BONAMICO, Instituto de Investigaciones Agrobiotecnológicas, UNRC-CONICET, Argentina; M. BALZARINI, Unidad de Fitopatología y Modelización Agrícola, CONICET, Argentina.	106
2	Advancing Groundnut Breeding in Africa: Integrating AI and Drone Technologies for Enhanced Phenomics Selection M. MBAYE* , Centre d'Etude Régional pour l'Amélioration de l'Adaptation à la Sécheresse (CERAAS), Institut Sénégalais de Recherches Agricoles (ISRA), Thiès, Senegal; I. FAYE, Centre National de Recherche Agronomique (CNRA), Institut Sénégalais de Recherches Agricoles (ISRA), Bambey, Senegal; A. AUDEBERT, UMR AGAP Institut, CIRAD, INRAE, Institut Agro, University of Montpellier, Montpellier, France.	107
3	Do Damaged Pods from a Harsh Harvest Process Increase the Probabilities of Fungal Contamination in Peanut Seeds? L.C. ICHAZO-RIBERA* , B.L. TILLMAN, J.O. ODUOR, M.D. GOYZUETA, M.W. GOMILLION, North Florida REC, Agronomy Department, University of Florida, Marianna, FL 32446; I. SMALL, North Florida REC, Plant Pathology Department, University of Florida, Quincy, FL 32341; S. DA SILVA, Plant Pathology Department, University of Florida, Gainesville, FL 32611; F. IRIARTE, Plant Disease Diagnostic Clinic, North Florida REC, Quincy, FL 32351; N. DUFAULT, Plant Pathology Department, University of Florida, Gainesville, FL 32611.	108
4	Evaluating Applications in Peanut Breeding for NIR-Based High Throughput Phenotyping of Seed Compositional Traits J. ADAMS* , University of Georgia, Crop and Soil Department, Peanut Breeding, Tifton, GA 31793; B. DAVIS, J. DAVIS, JLA Global, Albany, GA 31721; N. BROWN, University of Georgia, Crop and Soil Department, Institute of Plant Breeding, Genetics, and Genomics, Tifton, GA 31793.	109
5	Developing and Deploying Nutrient-Dense and GRD-Resistant Groundnut Varieties in Ghana R. OTENG-FRIMPONG* , J.A. NBOYINE, A.R. MASAWUDU, CSIR-Savanna Agricultural Research Institute, Tamale, Ghana; E.M. BANLA, Institut Togolais de Recherche Agronomique, Kara, Togo; D.K. OKELLO, NaSARRI, Soroti, Uganda; M. BALOTA, Tidewater Agricultural Research and Extension Center, Suffolk, Virginia 23437, USA; M. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403 and Texas Tech University, Dept. of Plant and Soil Science, Lubbock, TX 79409, USA; P. OZIAS-AKINS, Department of Horticulture, University of Georgia, Tifton Campus, Tifton, GA 31793, USA; J. CLEVENGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806, USA; J. RHOADS, D. HOISINGTON, Feed the Future Innovation Lab for Peanut, Athens, GA 30602, USA.	110
6	Evaluating Wild Peanut Species Introgression for Drought Tolerance and High Oil Content into Cultivated Peanut (<i>Arachis hypogaea</i> L.) 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; M.D. BUROW, Texas A&M AgriLife Research, Texas A&M University, Lubbock, TX 79403.	111
7	High-Throughput Phenotyping of High Oil USDA Organic Peanuts under Field Drought Stress W.S. RAVELOMBOLA* , A. MANLEY, Department of Soil and Crop Sciences, Texas A&M AgriLife Research, Vernon, TX 76384; J. CASON, Texas A&M AgriLife Research, Stephenville, TX 76401; M.D. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403, and Texas Tech University, Department of Plant and Soil Science, Lubbock, TX 79409; H. PHAM, Texas A&M AgriLife Research, Lubbock, TX 79403.	112

3:15 – 5:00 Poster #	General Poster Session continued Meeting Room: Oklahoma Station Prefunction Area	Pres. #
8	Transpiration Efficiency and GWAS in the U.S. Peanut Minicore Collection H. PHAM* , J. CHAGOYA, Texas A&M AgriLife Research, Lubbock, TX 79403; R. CHOPRA, V. BELAMKAR, Texas Tech University, Dept. of Plant and Soil Science, Lubbock, TX 79409; C. SIMPSON, J. CASON, Texas A&M AgriLife Research, Stephenville, TX 76401; M.D. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403, and Texas Tech University, Dept. of Plant and Soil Science, Lubbock, TX 79409.	113
9	High Throughput Phenotyping Strategies for Peanut Improvement in Africa M. BALOTA* , Virginia Tech, Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, Virginia 23437, USA; R. OTENG-FRIMPONG, CSIR-Savanna Agricultural Research Institute, Tamale, Ghana; I. CHAPU, D.K. OKELLO, National Semi-Arid Resources Research Institute, Soroti, Uganda; E.K. SIE, CSIR-Savanna Agricultural Research Institute, Tamale, Ghana; I. FAYE, Senegalese Agriculture Research Institute, Bambey, Senegal; A. CHANDEL, Virginia Tech, TAREC, Suffolk, Virginia 23437, USA; J.M.M. CHINTU, Department of Agricultural Research Services, Chitedze, Malawi S.K. BONSU, CSIR-Savanna Agricultural Research Institute, Tamale, Ghana; M. MBAYE, Senegalese Agriculture Research Institute, Thiès, Senegal; E. KAPEWA, Department of Agricultural Research Services, Lilongwe, Malawi; D. HAAK, School of Plant and Environmental Sciences, Blacksburg, VA 24060, USA; D. HOISINGTON, J. RHOADS, Feed the Future Innovation Lab for Peanut, Athens, GA 30602, USA.	114
10	Improved Valencia Cultivars for Production in New Mexico N. PUPPALA* , M. OJHA, Agricultural Science Center at Clovis, New Mexico State University, Clovis, NM 88101.	115
11	Effects of Seed Treatments on Peanut Yield and Grade M. OJHA* , N. PUPPALA Agricultural Science Center at Clovis, New Mexico State University, Clovis, NM 88003.	116
12	Evaluation of Spanish and Spanish-Runner Hybrids in Northeast Arkansas and Southwest Missouri J.M. CASON* , Texas A&M AgriLife Research, Texas A&M University System, Stephenville, TX, 76401; T.R. FASKE, University of Arkansas, Division of Agriculture, Lonoke, AR 72086; D. WANN, International Peanut Group, Brownfield, TX 79316; K. MOORE, Ag Research Consultants, Sumner, GA 31789; M.D. BUROW, Texas A&M AgriLife Research, Texas A&M University System, Lubbock, TX 79403 and Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409; F.D. MILLS, JR., JLA, Abilene, TX 79606; D. DESHAZO, JLA, Keller, TX 76248; B. DAVIS, E. JACKSON, JLA, Albany, GA 31721.	117
13	Insect Management Practices in Georgia Peanut M.R. ABNEY* , Department of Entomology, University of Georgia, Tifton, GA 31793; J.E. BENNETT, D. BOWEN, W. BROWN, D.S. CARLSON, B. CARTER, C. CLOUD, B.G. CREWS, M. DOWDY, M. FRYE, B. HAYES, S. INGRAM, J. KICHLER, S. MCALLISTER, J. MILLER, C.S. MOON, K. POST, B.L. REEVES, J.P. SAPP, P. SAPP, J. SHEALY, A. SHIRLEY, A. SMITH, L. STANLEY, S. TANNER, W. TYSON, University of Georgia Cooperative Extension.	118
14	Effects of Landscape Structure on Thrips Population Dynamics and Tomato-Spotted Wilt Virus Incidence I.L. ESQUIVEL* , Department of Entomology & Nematology, University of Florida, North Florida Research and Education Center, Quincy, FL 32351; E. CARTER, University of Florida Extension, Jackson County Extension, Marianna, FL 32448; K. WYNN, University of Florida Extension, Hamilton County Extension, Jasper, FL 32052; D. LEONARD, University of Florida Extension, Calhoun County Extension, Blountstown, FL 32424.	119
15	Efficacy of Foliar-Applied Insecticides to Reduce Pod Damage Caused by Southern Corn Rootworm R. BRANDENBURG* , B. ROYALS, D. REISIG, E. FOOTE, C. ELLISON, B. BARROW, M. STRICKLAND, P. SMITH, D.L. JORDAN, North Carolina State University, Raleigh, NC 27695.	120

3:15 – 5:00 Poster #	General Poster Session continued Meeting Room: Oklahoma Station Prefunction Area	Pres. #
16	Peanut Cultivar Response to Fluridone W. J GRICHAR* , Texas A&M AgriLife Research, Corpus Christi, TX 78406; M.M. SINGLETARY, Texas Tech University, Lubbock, TX 79403; T.A. BAUGHMAN, Institute for Agricultural Biosciences, Oklahoma State University, Ardmore. OK 73401; P.A. DOTRAY, Texas A&M AgriLife Research, Lubbock, TX 79403; J. CASON, Texas A&M AgriLife Research, Stephenville, TX 76401.	121
17	Polyphenolic Content and Antioxidant Activity of Peanut Shell Extracts as Potential Feed Additive in Animal Nutrition M. LARRAURI* , N.R. GROSSO, National Scientific and Technological Research Council (CONICET), Multidisciplinary Institute of Plant Biology (IMBIV), Argentina; B.L. TILLMAN, M.D. GOYZUETA, L.C. ICHAZO-RIBERA, Agronomy Department, North Florida REC, University of Florida, Marianna, FL 32446; N. DILORENZO, Animal Sciences Department, North Florida REC, University of Florida. Marianna, FL 32446.	122
18	The Groundnut Improvement Network for Africa (GINA) D. FONCEKA, S. CONDE, A. SAMBOU, M. SEYE, Y.R. DIJBOUNE, H.A. TOSSIM, ISRA/Centre d'Etudes Régional pour l'Amélioration de l'Adaptation à la Sécheresse (CERAAS), Thiès, Senegal; I. FAYE, ISRA, Institut Sénégalais de Recherches Agricoles (ISRA), Centre National de Recherche Agronomique, Bambey, Senegal; D.K. OKELLO, National Semi-Arid Resources Research Institute-Serere, Kampala, Uganda; R. OTENG-FRIMPONG, Council for Scientific and Industrial Research (CSIR)-Savanna Agricultural Research Institute, Tamale, Ghana; J.Y. ASIBUO, Council for Scientific and Industrial Research-Crops Research Institute (CSIR-CRI), Kumasi, Ghana; L. MAKWETI, Zambia Agriculture Research Institute (ZARI), Chipata, Zambia; A. MUITIA, Mozambique Agricultural Research Institute (Instituto de Investigação Agrária de Moçambique), Nampula Research Station, Nampula, Mozambique; J. CHINTU, Chitedze Agricultural Research Service, Lilongwe, Malawi; D. SAKO, Institut d'Economie Rurale (IER), Centre Régional de Recherche Agronomique (CRR), Kayes, Mali; A.M. COULIBALY, Institut National de Recherche Agronomique du Niger (INRAN), Maradi, Niger; A. MININGOU, INERA, CREA, Ouagadougou, Burkina Faso; M. KONATE, INERA, DRREA-Ouest, Bobo Dioulasso, Burkina Faso; E.M. BANLA, Institut Togolais de Recherche Agronomique (ITRA), Lome, Togo; S.N. SYLLA, Département de B.V., Université Cheikh Anta Diop, Dakar, Senegal; J.F. RAMI, UMR AGAP, CIRAD, Montpellier, France; J. CLEVINGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806, USA; Y. CHU, P. OZIAS-AKINS, Institute of Plant Breeding Genetics and Genomics and Department of Horticulture, University of Georgia, Tifton, GA 31793, USA; S. TALLURY, Plant Genetic Resources Conservation Unit, Griffin, GA 30223, USA; D. HOISINGTON* , Feed the Future Innovation Lab for Peanut, The University of Georgia, Athens, GA 30602, USA.	123
19	Feed the Future Innovation Lab for Peanut - Working along the Peanut Value Chain to Increase Quality Production and Solve Problems Facing Smallholder Farmers D. HOISINGTON, J. RHOADS* , J. MARTER-KENYON, M. THIAM, K. MCHUGH, A. STRIPLING, A. FLOYD, Feed the Future Innovation Lab for Peanut, The University of Georgia, Athens, GA 30602, USA; V. GUWELA, Feed the Future Innovation Lab for Peanut, Lilongwe, Malawi.	124
20	Development of Single Kernel NIR Calibrations for Rapid and Real-Time Oil and Protein Analysis of Peanut Kernels Using the QSorter Explorer C.B. AGRAZ* , B.I. DAVIS, J.P. DAVIS, Technical Services, JLA International, Albany, GA 31721, USA; S. YAN, P. ARMSTRONG, USDA-ARS, Stored Product Insect and Engineering Research Unit, , Manhattan, KS 66502, USA; N. WOZNICA, J. KLEIN, R. TEDIOSI, QualySense-Ferrum AG, Schafisheim, Switzerland; R. HOLTON, Premium Peanut, Douglas, GA 31535, USA; P. TSATSOS, MARS-Wrigley, Chicago, IL 60642, USA.	125

3:15 – 5:00 Poster #	General Poster Session continued Meeting Room: Oklahoma Station Prefunction Area	Pres. #
21	Influence of Variety Selection on Leaf Spot Management with Various Fungicide Programs in North Carolina E. FOOTE* , D.L. JORDAN, J. DUNNE, A. GORNY, D. REISIG, North Carolina State University, Raleigh, NC 27695.	126
22	Effect of Varying Disease Management Programs and Digging Dates on Disease Severity and Yield of Peanut in North Carolina L. LUX* , E. FOOTE, D.L. JORDAN, North Carolina State Extension, Raleigh, NC 27695.	127
23	Assessment of Peanut Fungicide Programs and Sulfur in Irwin County, GA, 2020-2023 P. EDWARDS* , H. ANDERSON, 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; B. REEVES UGA Extension, Nashville, GA 31639; A. CULBREATH, R. KEMERAIT, Department of Plant Pathology, University of Georgia, Tifton, GA 31793.	128
24	In-Vitro Evaluation of BC3F6 Peanut Genotypes for Resistance to <i>Aspergillus flavus</i> Infection and Aflatoxin Accumulation D.N. NDELA, Department of Crop Science, Faculty of Agriculture, Food and Consumer Sciences, University for Development Studies, Nyankpala Campus, Tamale, Ghana; T.K. TENGEY* , Council for Scientific and Industrial Research-Savanna Agricultural Research Institute (CSIR-SARI), Tamale, Ghana; F. KANKAM, Department of Agriculture Biotechnology, Faculty of Agriculture, Food and Consumer Sciences, University for Development Studies, Box TL 1882, Nyankpala Campus-Tamale, Ghana; R. OTENG-FRIMPONG, Council for Scientific and Industrial Research-Savanna Agricultural Research Institute (CSIR-SARI), Nyankpala, Tamale, Ghana; C. SIMPSON, J. CASON, Texas A&M AgriLife Research, Stephenville, TX 76401, USA; M.D. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403, and Texas Tech University, Department of Plant and Soil Science, Lubbock, TX 79409, USA.	129
25	Towards Efficient Phenotyping for Peanut Smut Resistance: Line-Scan X-ray Imaging of Faux-Infected Pods R.S. BENNETT* , USDA-ARS, Stillwater, OK 74075; N. WANG, P. WECKLER, Y. ZHANG, Department of Biosystems and Agricultural Engineering, Oklahoma State University, Stillwater, OK 74078; M.E. PAYTON, Department of Biomedical Sciences, Rocky Vista University, Englewood, CO 80112; J. BALDESSARI, Instituto Nacional de Tecnología Agropecuaria, Manfredi, Córdoba, Argentina; K.D. CHAMBERLIN, USDA-ARS, Stillwater, OK 74075.	130
26	Susceptibility of Runner Peanut Cultivars to Sclerotinia Blight in Arkansas B. BAKER, M. EMERSON, T.R. FASKE* , University of Arkansas – Division of Agriculture, Lonoke Extension Center, Lonoke, AR 72086.	131
27	Compatibility of Kudos OD with Fungicides Applied to Peanut in North Carolina D. JORDAN* , E. FOOTE, North Carolina State Extension, Raleigh, NC 27695.	132
28	Fungicide and Growth Regulator Research in Louisiana Peanut P. PRICE* , LSU AgCenter, Macon Ridge Research Station, Winnsboro, LA 71295; B. PADGETT, LSU AgCenter, Dean Lee Research and Education Center, Alexandria, LA 71302.	133

3:15 – 5:00 Poster #	General Poster Session continued Meeting Room: Oklahoma Station Prefunction Area	Pres. #
29	Evaluation of Root-Knot Nematode (RKN) Resistant Peanut Varieties and a Plant Growth Regulator (PGR) in Southwest Georgia B.G. CREWS* , Marion/Webster Agriculture and Natural Resources Agent, UGA Extension Southwest District, Preston, GA 31824; R.C. KEMERAIT , Department of Plant Pathology, University of Georgia, Tifton Campus, Tifton, GA 31793; C.L. LOPEZ , Sumter County Agriculture and Natural Resources Agent, UGA Extension Southwest District, Americus, GA 31709; S.T. MCALLISTER , Terrell County Agriculture and Natural Resources Agent, UGA Extension Southwest District, Dawson, GA 39842; W.S. MONFORT , Department of Crop and Soil Sciences, University of Georgia, Tifton Campus, Tifton, GA 31793.	134
30	Examining Heat Tolerance in Wild and Cultivated Peanuts: Insights from Photosynthesis K.J. AWORI* , C. PILON, J.L. SNIDER, G.A. COMITRE, V.S. TREVISAN, Department of Crop and Soil Sciences, The University of Georgia, Tifton, GA 31793; S. BERTIOLI Department of Plant Pathology, The University of Georgia, Athens, GA 30602; D. BERTIOLI , Department of Crop and Soil Sciences, The University of Georgia, Athens, GA 30602.	135
31	Exploring the Feasibility of High Throughput Phenotyping Technology to Enhance Peanut Physiological Resilience for Heat and Drought Tolerance R.R. VENNAM* , A.K. CHANDEL, M. BALOTA, Tidewater Agricultural Research and Extension Center, Virginia Polytechnic Institute and State University, Suffolk, VA 23437; K.M. BEARD , School of Plant and Environmental Sciences, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061.	136
32	Methods for Screening Resistance to Pythium Pod Rot N.M. WEERASURIYA* , USDA-ARS, Peanut and Small Grains Research, Stillwater, Oklahoma 74075 and Department of Entomology & Plant Pathology, Oklahoma State University, Stillwater, Oklahoma, 74078; R.S. BENNETT , Peanut and Small Grains Research, USDA-ARS, Stillwater, Oklahoma 74075; S.M. MAREK , Department of Entomology & Plant Pathology, Oklahoma State University, Stillwater, Oklahoma 74078; K.D. CHAMBERLIN , USDA-ARS, Peanut and Small Grains Research, Stillwater, Oklahoma 74075.	137
33	Functional Physiology for Informed Decision Making E.R. BUCIOR* , L. HALL JR., R.B. SORENSEN, USDA-ARS, National Peanut Research Laboratory, Dawson, Georgia 39842.	138
34	Influence of Seeding Rate on Ecosystem Water-Use Efficiency and Yield of Peanut G. ZHANG* , M.Y. LECLERC, K. POUDEL, Department of Crop and Soil Sciences, University of Georgia, Griffin Campus, Griffin, GA 30223; R.S. TUBBS , W.S. MONTFORT, Department of Crop and Soil Sciences, University of Georgia, Tifton Campus, Tifton, GA 31793.	139

3:15 – 5:00 Poster #	MS Poster Competition Meeting Room: Oklahoma Station Prefunction Area	Pres. #
35	Next-Generation Sequencing in an Elite Peanut Population Reveals a Major Seed Size QTL on Chromosome B06 and a Few Other Minor QTLs A. POKHAREL* , Institute of Plant Breeding Genetics and Genomics, University of Georgia, Tifton, GA 31793; Z. MYERS, W. KORANI, J. CLEVINGER, HudsonAlpha Institute for Biotechnology, Huntsville, AL 35806; N. BROWN, Institute of Plant Breeding Genetics and Genomics, University of Georgia, Tifton, GA 31793.	140
36	Characterization of the Shell-Novel Pan-Genes Revealed by Pan-GWAS Analysis in Relationship with Aflatoxin Biosynthesis S. ASIJA* , R.C. KEMERAIT, University of Georgia, Department of Plant Pathology, Tifton, GA 31793, USA; S.S. GANGURDE, M.K PANDEY, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India; C.C. HOLBROOK, B. GUO, USDA-ARS, Crop Genetics and Breeding Research Unit, Tifton, GA 31793, USA.	141
37	Assessment of Reactive Oxygen Species in Response to <i>Nothopassalora personata</i> Infection in Peanut E. ASIEDU* , E.G. CANTONWINE, A. LOKDARSHI, Department of Biology, Valdosta State University, Valdosta, GA 31698.	142
38	Enhancing Peanut Peg Strength and Yield with Prohexadione Calcium S. SINGH* , H. SINGH, M. THOMS, K. SINGH, N.J. MWOSU, West Florida Research and Education Center, Agronomy Department, University of Florida, WFREC, Jay, FL 32565.	143
39	Developing a Microtiter Plate Assay to Rapidly Assess Early and Late Leaf Spot Pathogen Biomass G. EFFI* , E.G. CANTONWINE, A. LOKDARSHI, Department of Biology, Valdosta State University, Valdosta, GA 31698; A.K. CULBREATH, Department of Plant Pathology, University of Georgia, Tifton, GA 31793.	144
40	Developing Primers to Detect Mating Type Genes in <i>Passalora arachidicola</i> and <i>Nothopassalora personata</i> G.A. ROBERSON* , E.G. CANTONWINE, Department of Biology, Valdosta State University, Valdosta, GA 31698; R.S. ARIAS, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842; S.K. GREMILLION, Department of Biology, Georgia Southern University Armstrong Campus, Savannah, GA 31419.	145

3:15 – 5:00 Poster #	MS Poster Competition continued Meeting Room: Oklahoma Station Prefunction Area	Pres. #
41	Utilizing Computer Vision for Laboratory Evaluations of Electric Seed Meters for Peanut Seed Singulation M. BLASER* , W. PORTER, S. VIRK, G. RAINS, Crop and Soil Sciences Department, University of Georgia, Tifton Campus, Tifton, GA 31793, USA; T. BOURLAI, School of Electrical & Computer Engineering, University of Georgia, Athens, GA 30605, USA; A. KOLLER, Lucerne University of Applied Sciences and Arts, Lucerne, Switzerland.	146
42	Quantification of Gene Expression of Aflatoxin Type B1 Produced by <i>Aspergillus flavus</i> in Different Cultivars of <i>Arachis hypogaea</i> Seeds G. PAREDES* , S.M. MAREK, Department of Entomology and Plant Pathology, Oklahoma State University, Stillwater, OK 74078; R.S. BENNETT, USDA-ARS, Peanut and Small Grains Research Unit, Stillwater, OK 74075; M.D. BUROW, Texas A&M AgriLife Research, Lubbock, TX 79403, and Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409.	147
43	Exploratory Breeding of <i>Arachis vallsii</i> and a <i>Procumbentes</i> Hybrid for Wild Species Introgression into Cultivated Peanut (<i>Arachis hypogaea</i>, L.) E.N. GREEN* , J.P. MUIR, D.B. MURRAY, Wildlife and Natural Resources Department, Tarleton State University, Stephenville, TX 76402; J.M. CASON, C.E. SIMPSON, Texas A&M AgriLife Research, Stephenville, TX 76401.	148
44	Evaluation of the Need for Calcium Applications in MO Peanut C. SHERWOOD* , J.S. CALHOUN, A. CROSBY Department of Plant Sciences and Technology, University of Missouri, Fisher Delta REEC, Portageville, MO 63873.	149
45	Correlating High Throughput Phenotyping and Ground Truthing Measurements for Response to Water Deficit in Peanut M.M. YERRA* , Department of Soil and Crop Sciences, Texas A&M University, College Station, TX, 77843; W. GUO, Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409 and Texas A&M AgriLife Research, Lubbock, TX, 79403; N. RAJAN, Department of Soil and Crop Sciences, Texas A&M University, College Station, TX, 77843; J. CASON, Texas A&M AgriLife Research and Extension Centre at Stephenville, Stephenville, TX, 76401; A. YOUNG, Y. EMENDACK, USDA-ARS, Cropping Systems Research Laboratory, Lubbock, TX, 79415; J. MENDEZ, D. VALDEZ, Texas A&M AgriLife Research, Lubbock, TX, 79403. M. BUROW Texas A&M AgriLife Research, Lubbock, TX, 79403, and Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409.	95

3:15 – 5:00 Poster #	PhD Poster Competition Meeting Room: Oklahoma Station Prefunction Area	Pres. #
46	Smartphone-Based Thermal-RGB Imaging Tool to Quantify Crop Water Stress in Peanuts P. JJAGWE* , Biological Systems Engineering Department, Virginia Tech, Blacksburg, Virginia 24060; R.R. VENNAM, School of Plant and Environmental Sciences Department, Virginia Tech, Blacksburg, Virginia 24061; S. RAYMOND, Biological Systems Engineering Department, Virginia Tech, Blacksburg, Virginia 24060; K. BEARD, School of Plant and Environmental Sciences Department, Virginia Tech, Blacksburg, Virginia 24061; M. BALOTA, D. HAAK, School of Plant and Environmental Sciences Department, Virginia Tech, Blacksburg, Virginia 24061; A. CHANDEL, Biological Systems Engineering Department, Virginia Tech, Blacksburg, Virginia 24060, Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, Virginia 23437.	150
47	Non-Invasive Peanut Maturity Mapping Using Aerial Spectral Imaging and Artificial Intelligence Techniques S. RAYMOND* , Department of Biological Systems Engineering, Virginia Tech, Blacksburg, VA 24060; P. JJAGWE, Department of Biological Systems Engineering, Virginia Tech, Blacksburg, VA 24060; M. BALOTA, M. CHAPPELL, School of Plant and Environmental Sciences Department, Virginia Tech, Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, VA 23437; A. CHANDEL, Department of Biological Systems Engineering, Virginia Tech, Tidewater Agricultural Research and Extension Center (TAREC), Suffolk, VA 23437.	151
48	Development of Drought and Salinity Tolerant High-Oil Peanut (<i>Arachis hypogaea</i> L.) for Biodiesel Production Y. PANKAJ* , Texas A&M, Department of Soil and Crop Sciences, College Station, TX 77843; J. CASON, , C. SIMPSON, Texas A&M AgriLife Research, Texas A&M University System, Stephenville, TX 76401; D. KUROUSKI, Texas A&M, Department of Biochemistry and Biophysics, College Station, TX 77843; D. STELLY, Texas A&M, Department of Soil and Crop Sciences, College Station, TX 77843; H. PHAM Texas A&M AgriLife Research, Texas A&M University System, Lubbock, TX 79403; M.D. BUROW, Texas A&M AgriLife Research, Texas A&M University System, Lubbock, TX 79403 & Texas Tech University, Department of Plant and Soil Science, Lubbock, TX 79409.	152
49	Assessment of Root Nodule Bacteriomes in Peanut Genotypes with Different Levels of Drought Tolerance W. SAJID* , A. SANZ-SAEZ, C. CHEN, Y. FENG, Department Crop, Soil and Environmental Sciences, Auburn University, Auburn, AL 36849.	153
50	Investigating Xylem Plasticity Associated with Drought Tolerance Mechanisms in Peanut Cultivars S. HANIF* , C. CHEN, Crop, Soil and Environmental Science, Auburn University, AL 36849; W. BATCHELOR, Biosystem Engineering, Auburn University, AL 36849; P.M. DANG, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842; C. DEVEAU, - A. SANZ-SAEZ, Crop, Soil and Environmental Science, Auburn University, AL 36849.	154
51	Root Hairs Quantification in Peanut Cultivars: A Key to Drought Tolerance F. PIERRE , C. CHEN, A. SANZ-SAEZ, Crop, Soil and Environmental Science, Auburn University, AL 36849; W. BATCHELOR, Biosystem Engineering, Auburn University, AL 36849; P. DANG, USDA-ARS, National Peanut Research Laboratory, Dawson, GA 39842.	155

3:15 – 5:00 Poster #	PhD Poster Competition Meeting Room: Oklahoma Station Prefunction Area	Pres. #
52	Secondary Metabolites Present in Peanut Seedcoat Inhibit <i>A. flavus</i> Growth and Reduce Aflatoxin Contamination L. COMMEY* , Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409; Y. MECHREF, Department of Chemistry and Biochemistry, Texas Tech University, Lubbock, TX 79409; 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 Plant Pathology, Montana State University, Bozeman, MT 59717.	156
53	Utilization of Plant Growth-Promoting Rhizobacteria as a Potential Biocontrol of <i>Rhizoctonia solani</i> in Peanuts K.N. SULLINS* , A.L. STRAYER-SCHERER, D.W. HELD, Department of Entomology and Plant Pathology, Auburn University, Auburn, AL 36849.	157
54	Financial Returns of Input Packages Under Three – Year Peanut – Cereal Cropping Systems in Ghana S. ARTHUR* , G. BOLFREY-ARKU, M.B. MOCHIAH, J.Y. ASIBUO, A.G. GYIMAH, V. KLUTSE, M. YORKE, Council for Scientific and Industrial Research - Crops Research Institute, Kumasi, Ghana; J. SARKODIE-ADDO, R. AKROMAH, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana; G. MAHAMA, J. NBOYINE, A. SEIDU, Council for Scientific and Industrial Research-Savanna Agricultural Research Institute, Wa, Ghana; D.L. JORDAN, R.L. BRANDENBURG, North Carolina State University, Raleigh, NC 27695, USA; and D. HOISINGTON, J. RHOADS, Feed the Future Innovation Lab for Peanut, University of Georgia, Athens, GA 30602, USA.	158
55	Improving Ability of Farmers to Provide Higher Quality Peanut for Enhanced Markets in Ghana A. SEIDU* , Department of Crop Science, Faculty of Agriculture, 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; I.K. DZOMEKU, Department of Crop Science, Faculty of Agriculture, Food and Consumer Sciences, University for Development Studies, Nyankpala, Tamale, Ghana; J.A. NBOYINE, I. SUGRI, G.Y. MAHAMA, Council for Scientific and Industrial Research-Savanna Agricultural Research Institute, Nyankpala, Tamale, Ghana; D.L. JORDAN, Department of Crop and Soil Sciences, North Carolina State University, Raleigh, NC 27695, USA.	159
56	Evaluating Diverse Peanut Genotypes for Feeding Injury of Field Pests R. HOLTON* , Institute of Plant Breeding, Genetics, and Genomics, University of Georgia, Tifton, GA 31794, Premium Peanut, Douglas, GA 31535, P. OZIAS-AKINS, Institute of Plant Breeding, Genetics, and Genomics, University of Georgia, Tifton, GA 31794, K. SUTTON, M. ABNEY, Department of Entomology, University of Georgia, Tifton, GA 31794, C.C. HOLBROOK, United States Department of Agriculture-Agricultural Research Service, Tifton, GA 31793.	160

6:00 - 7:30 Awards Reception sponsored by Corteva Agriscience..... Oklahoma 4

Author Index, Presentation Number (* Denotes Speaker)

Abbas, H.K.	40
Abney, M.R.	4,9,34,118*,160
Adams, A.	40*
Adams, J.	109*
Adeniji, O.	103
Agraz, C.B.	125*
Akromah, R.	158
Aktaruzzaman, M.	32
Alesso, A.	14
Almeida, I.B.	92
Alyr, M.H.	67
Anco, D.	19
Anderson, D.	19,21
Anderson, H.	128
Anderson, J.	19
Anderson, K.E.	78
Andres, R.J.	88
Apenyu, B.	99
Arias, R.S.	46,145
Armstrong, P.	125
Arthur, B.	22*
Arthur, S.	158*
Asibuo, J.Y.	123,158
Asiedu, E.	142*
Asija, S.	141*
Atkinson, A.	10*
Audebert, A.	107
Awori, K.J.	63*,91,92,135*
Baker, B.	131
Baldessari, J.	130
Balkcom, K.B.	53
Balkcom, K.S.	25*
Balota, M.	60,61,66,80,93*, 98,110,114*,136, 150,151
Balzarini, M.	106
Banla, E.M.	110,123
Baring, M.R.	96
Barnes, E.C.	82*
Barrow, B.	19,21,120
Bashore, L.	90*
Bashyal, M.	71
Bastos, L.M.	11
Batchelor, W.	64,154,155
Batts, T.	19
Baughman, T.A.	69,121
Beard, K.M.	61,66*,136,150
Beasley, J.	11*

Belamkar, V.	113
Bell, J.	105*
Bell, K.	128
Bennett, J.E.	118,128
Bennett, R.S.	30,42,130*,137,147
Bertioli, D.J.	49*,50,51,63,67,70, 81,82,91,102,135
Blaser, M.	146*
Bolfrey-Arku, G.	158
Bonamico, N.	106
Bonsu, S.K.	114
Botton, S.	6*,47
Bourlai, T.	146
Bowen, D.	118
Bowen, K.L.	52
Bowen, S.J.	29*,36
Brake, M.	75
Branch, W.D.	45
Brandenburg, R.	19,20,21,120*,158
Brenneman, T.	32,40,41,45, 53,55,57*,82,105
Britton, T.	19,21
Brown, N.	45*,82,92,109,140
Brown, W.	118
Bucior, E.R.	43,76,139*
Buckelew, S.	74
Bullock, B.	28*
Burow, M.D.	83,94,95,96*,98, 110,111,112,113, 117,129,147,152, 156
Butts, C.L.	58
Byers, C.W.	54
Calhoun, J.S.	77,149
Cameron, C.	48
Campbell, H.L.	52
Campbell, J.D.	48
Cannon, S.	48
Cantonwine, E.G.	2,10,55,142,144, 145
Caras, T.	100
Cardon, C.	101*
Carlson, D.S.	118,128
Carroll, M.	19
Carter, B.	118
Carter, E.	119
Cason, J.M.	95,96,111,112,113, 117*,121,129,148, 152
Cavassa, M.	13*

Cavigliasso, M.	106
Chagoya, J.	96,113
Chamberlin, K.D.	30,42,68,130,137
Chandel, A.K.	80,93,114,136,150, 151
Chappell, M.	93,151
Chapu, I.	80*,99,114
Chavarro, C.	101
Chen, A.	100
Chen, C.Y.	38*,43,64,68,103, 153,154,155
Childers, L.	19
Chintu, J.M.M.	114,123
Chopra, R.	113
Chu, Y.	6,7,41,47,123
Cibils, A.F.	26*
Civille, G.V.	89
Clark, N.	19
Cleary, A.	48
Clevenger, J.P.	6,7,40,42,47*,68,84, 100,110,123,140
Clobas-Celiz, A.	8*
Cloud, C.	118
Colf, A.	19
Comitre, G.A.	135
Commey, L.	156*
Conde, S.	123
Cook, H.J.	76
Cooper, E.	19
Coronel, E.C.	14
Costello, K.	111*
Coulibaly, A.M.	123
Crews, B.G.	118,134*
Croft, J.	19
Crosby, A.	77,149
Culbreath, A.K.	2,7,10,41,54,55*,57, 84,105,128,144
Damicone, J.	30
Dang, P.	38,43*,64,68,103, 154,155
Daramola, O.S.	62*
Dash, S.	48*
Da Silva, M.B.	60*
Da Silva, S.	108
Davis, B.I.	109,117,125
Davis, C.	19
Davis, J.P.	90*,109,125
Deal, C.	75

Author Index, Presentation Number (* Denotes Speaker)

Dean, L.L.	31, 79*,86*
Deom, C.M.	99
Deshazo, D.	117
Deveau, C.	154
Devkota, P.	62
Dewitt, D.	19
Dexter-Boone, L.K.	31*
Dijboune, Y.R.	123
Dilorenzo, N.	122
Djiboune, R.	81
Dodds, D.	28
Dong, A.K.	102*
Dotray, P.A.	121
Dorsett, C.	90*
Dowd, E.	90*
Dowdy, M.	118
Dudak, J.	69
Dufault, N.	108
Duffeck, M.R.	30
Dunne, J.C.	85,88*,90*,126
Dzomeku, I.K.	159
Eason, K.M.	29,35,36*,65
Edwards, P.	128
Edwongu, E.	99
Effi, G.	144*
Ellison, C.	19,20*,21,120
Emendack, Y.	95
Emerson, M.	131
Emmons, J.	24*
Esquivel, I.L.	119*
Evet, S.R.	27*
Faircloth, W.	53*
Falco, A.	106,
Farmer, A.D.	48,
Faske, T.	117,131*
Faustinelli, P.C.	46
Faye, I.	98*,107,114,123
Feng, Y.	103,153
Floyd, A.	124
Fonceka, D.	81,99,123
Foote, E.	20,21,59,75,85*, 120,126*,127,132
Fountain, J.	40
Francisco, D.	57
Frapoli, L.	12*
Frye, M.	118
Gangurde, S.S.	141

Garritty, N.K.	88
Gibson, R.	19
Godwin, H.B.	33
Gomillion, M.W.	1,3,39,108
Gomis, J.	81*
Gorny, A.	85,126
Goyzueta, M.D.	1,39,108,122
Graham, S.	13
Green, E.N.	148*
Gremillion, S.K.	145
Grey, T.	29,35*,65
Grichar, W.J.	121*
Griffin, L.	47
Griffin, T.W.	72*
Grimes, L.	19,21
Grosso, N.R.	122
Grove, A.	19
Guo, B.	7,84,141
Guo, W.	95
Gurganus, R.	19
Guwela, V.	124
Gyimah, A.G.	158
Haak, D.C.	61,66,114,150
Hagan, A.K.	52*
Hall Jr., L.	138
Hammond, W.M.	3
Hancock, G.	128
Hancock, J.C.	54*
Hanif, S.	64*,154*
Harrell, J.	19
Harris, G.M.	11
Hayes, B.	118
Held, D.W.	157
Hendrix, K.W.	79
Hoggard, G.	75
Hoisington, D.	98,99,110,114,123*, 124,158
Hokin, S.	48
Holbrook, C.C.	2,6,7,41*,84,141,160
Holton, R.	40,70,125,160
Hopkins, M.S.	67,102
Houx, J.	33
Hovav, R.	100*
Huang, W.	48,
Huffman, M.	19
Hurdle, N.L.	29
Ichazo Ribera, L.C.	1*,3,108*,122

Ingram, S.	118
Iriarte, F.	108
Isleib, T.G.	47
Jackson, E.	117
Jackson, K.	30
Jackson, S.	101
Jalai, S.	19
Jjagwe, P.	93,150*,151
Johanningsmeier, S.D.	31
John, D.	30
Jordan, D.L.	19,20,21,59,75*, 85,120,126,127, 132*,158,159
Joson, S.E.A.	40
Kalberer, S.	48
Kane, A.	81
Kanissery, R.	62
Kankam, F.	129
Kapewa, E.	114
Kemerait, R.C.	2,10,12,15,18,54,55, 128,134,141
Ken, J.	30
Kennedy, J.	19
Kichler, J.	118
King, D.	19,21
Klein, J.	125
Klutse, V.	158
Koller, A.	146
Konate, M.	123
Korani, W.	6,7,40,42,47,84, 140
Kunta, S.	100
Kurouski, D.	152
Lamb, M.C.	43,46,58*,76
Lamon, S.	70*
Lane, M.	4*
Langston, D.	60
Lanier, I.	75
Larrauri, M.	122*
Leal-Bertioli, S.C.M.	2,50*,63,67,70,81, 82,91,102,135
Leary, E.	21
Leclerc, M.Y.	139
Leonard, D.	119
Levitan, N.	100
Levy, Y.	100
Liebold, C.	90*
Lilley, D.	19,20,21

Author Index, Presentation Number (* Denotes Speaker)

Lokdarshi, A.	142,144
Lopez, C.L.	134
López, Y.	96
Lu, S.	40
Lusk, J.	23*
Lux, L.	59*,127*
MacDonald, G.E.	62
Magallanes, S.	106
Mahama, G.	158,159
Maira, R.D.	30
Makweti, L.	123
Malheiros, R.	78
Malloy, M.	19
Malone, S.	19
Manley, A.	112
Marek, S.M.	137,147
Marshall-Drake, J.	97
Marshall, M.W.	8
Marter-Kenyon, J.	124
Masawudu, A.R.	110
Massa, A.N.	46*
Matusinec, D.	67*
May, J.	73
Mbaye, M.	98,107*,114
Mcallister, S.T.	118,134
McEachin, A.E.	65*
McEachin, L.	32*
Mchugh, K.	124
McIntyre, J.	76*
McLean, H.	53
Mechref, Y.	156
Meena, R.	54
Mendez, J.	95
Mendu, V.	156
Mikell, M.	19
Miles, L.	19,21
Miller, J.	118
Mills Jr., F.D.	117
Miningou, A.	123
Mochiah, M.B.	158
Monfort, W.S.	5,16,17*,29,53,134,139
Moon, C.S.	118
Moore, K.	117
Moraes, V.	78
Moretzsohn, M.C.	50
Morgan, J.	19
Morgan, K.	5*

Müller, L.	30*
Muir, J.P.	148
Muitia, A.	123
Mulvaney, M.J.	71
Murray, D.B.	148
Mwosu, N.J.	143
Myers, Z.	40,47,100,140
Namutosi, P.	99
Narayanan, S.	83,94*
Nboyine, J.A.	110,158,159
Ndela, D.N.	129
Nguepjob, J.R.	81
Oakley, A.T.	88
Oduor, J.O.	108
Ojha, M.	115,116*
Okello, D.K.	80,99*,110,114,123
Okello, R.C.O.	80
Oliver, J.	105
Osia, P.	99
Oteng-Frimpong, R.	110*,114,123,129
Owiny, R.	99
Ozias-Akins, P.	6,7,41,47,101,110,123,160
Padgett, B.	133
Pandey, M.K.	141
Pankaj, Y.	152*
Paredes, G.	147
Parkash, V.	92*
Parker, C.	52
Parker, W.	16*
Parker, Z.	19
Parrish, B.	19
Payton, M.E.	130
Paz-Kagan, T.	100
Pearce, W.	90*
Pendleton, B.	19*
Pham, H.	112,113*,152
Pieralisi, B.	28
Pierre, F.	155*
Pike, B.	19,21
Pilon, C.	29,32,34,63,91*,92,135
Pokharel, A.	140*
Pope, W.	128
Porter, W.M.	14,146
Post, K.	118
Poudel, K.	139

Powell, S.	16
Preisser, L.	19
Price, P.	133*
Price, T.	15*
Prostko, E.P.	37*,104
Puppala, N.	115*,116
Rains, G.	146
Rajan, N.	95
Rami, J.F.	81,123
Ravelombola, W.	112*
Raymond, S.	150,151*
Read, Q.D.	76
Reagin, K.R.	14*
Redsun, S.	48
Reeves, B.L.	15,118,128
Reisig, D.	19,85,120,126
Reiter, S.	19
Rhoads, J.	98,110,114,124*,158
Roberson, G.A.	145*
Rossi, E.	106
Royals, B.	20,120
Royston, J.	9*
Rustgi, S.	83,94
Rutherford, S.	19
Sajid, W.	153*
Sako, D.	123
Sambou, A.	81,98,123
Sanmartin, P.	47
Sanz-Saez, A.	64,103,153,154,155
Sapes, G.	3
Sapp, J.P.	118
Sapp, P.	118
Sarkodie-Addo, J.	158
Sathasivam, M.	83*
Scheffler, B.	47
Schumacher, L.	6
Seidu, A.	158,159*
Seijo, G.J.	51
Seitz, M.	19
Seltsam, J.	89
Seye, M.	81,123
Shay, N.J.	37,104*
Shealy, J.	118
Sherwood, C.	149*
Shirley, A.	118
Silva, F.A.	2*
Simpson, C.E.	50,51,96,111,113,129,148,152

Author Index, Presentation Number (* Denotes Speaker)

Sine, B.	98
Singh, H.	62,71*,143
Singh, K.	71,143
Singh, S.	143*
Singleton, M.M.	121
Small, I.	108
Smith, A.	118
Smith, A.R.	11
Smith, M.	69* (OK State)
Smith, M.	19 (NC State)
Smith, N.B.	74*
Smith, P.	19,20,21,120
Snider, J.L.	63,92,135
Sobolev, V.S.	46
Sorensen, R.B.	43,58,76,138
Spivey, W.W.	83,94
Sprueill, C.	101
Stanley, L.	118
Stapleton, L.	89*
Stelly, D.	111,152
Stevens, B.	75
Stigura, N.E.	51
Strayer-Scherer, A.L.	13,52,157
Strickland, M.	19,21*,120
Stripling, A.	124
Sugri, I.	159
Sullins, K.N.	157*
Sutton, K.	34*,160
Sylla, S.N.	123
Sysskind, M.	34
Tallury, S.P.	47,51*,123
Tanner, S.	16,118
Tediosi, R.	125
Tengey, T.	129*
Thiam, M.	124
Thomas, J.	97*
Thompson, E.	84*
Thoms, M.	143
Thornton, S.T.	39
Tieman, D.M.	87
Tillman, B.L.	1,3,39*,62,108,122
Timper, P.	6
Tishchenko, V.	63
Tonniss, B.D.	70,84
Toomer, O.T.	78*
Torres, L.	3*
Tossim, H.A.	81,123

Treadway, Z.	69
Trevisan, V.S.	135
Tsai, Y.C.	67
Tsatsos, P.	125
Tubbs, R.S.	12,33*,139
Tyson, W.G.	18*,118
Ugen, A.M.	99
Valdez, D.	95
Valls, J.F.M.	50
Varn, J.	19
Vellidis, G.	34
Vennam, R.R.	61*,66,136*,150
Verchot, J.	111
Virk, S.S.	11,54,146
Vu, T.C.	78
Wallace, H.	19
Wang, J-S.	24
Wang, M.L.	38,68,84
Wang, N.	130
Wang, S.	103
Wang, Y.	103
Wann, D.	117
Ward, J.K.	72
Waters, M.	19
Webb, S.	7*
Weckler, P.	130
Weeks, N.T.	48
Weerasuriya, N.	137*
Welti, R.	94
Wilkerson, T.	28
Williams, D.E.	44*
Wood, R.	19
Woznica, N.	125
Wynn, K.	119
Wysocky, R.	78
Yan, S.	125
Yerra, M.M.	95*
Yorke, M.	158
Young, A.	95
Youngblood, C.	47
Yu, Y.	38
Zarnstorff, M.E.	33
Zhang, G.	139*
Zhang, H.	38
Zhang, J.	68*
Zhang, Q.	103*
Zhang, Y.	130
Zoong Lwe, Z.S.	94

Zurweller, B.	28,73*
---------------	--------

Hotel Meeting Space
Floor Plans



Richmond Virginia



Discover Richmond:

**Join Us for the 57th
Annual APRES Meeting!**

Experience the vibrant energy of Richmond, Virginia, at the 57th Annual APRES Meeting from July 15-17, 2025! Discover the city's cool blend of historic charm and modern flair, with an array of fantastic restaurants, bustling breweries, captivating attractions, and a thriving art scene. Don't miss this unique opportunity to connect with fellow peanut industry professionals in one of the most dynamic cities in the country. Mark your calendars and get ready for an unforgettable event!