



AMERICAN PHYTOPATHOLOGICAL SOCIETY **SOUTHERN DIVISION NEWSLETTER**

JANUARY 2012

DATES TO REMEMBER

January 20 2012

- ☞ Deadline for room reservations at the Sheraton Birmingham Hotel (5 PM CST)

January 27, 2012

- ☞ Deadline for receiving advance registration – see section on Meeting Registration for more information.

February 5-6, 2012

- ☞ 89th Annual SDAPS Meeting, Sheraton Birmingham Hotel, Birmingham, AL. (Meeting in conjunction with SAAS).

Complimentary Services: Free internet access in common areas; access to 3rd floor health club, pool access, and daily newspaper. No resort or service fees will be charged.

Airport Transportation: The hotel provides limited airport shuttle service.

Parking: Self parking is available.

For more information about the SAAS meetings, see: <http://www.saasinc.org/2012-Birmingham/Welcome.asp>

See <http://www.saasinc.org/2012-Birmingham/Miscellaneous.asp> for more information about Birmingham and its attractions.

89TH SDAPS MEETING HOTEL

The official meeting hotel:

Sheraton Birmingham Hotel

**2101 Richard Arrington Jr. Blvd. N,
Birmingham, AL 35203**

Phone: 205-324-5000 or 1-800-325-3535

Group Room Rates:

Single and Double Rooms - \$149/night

Triple Rooms - \$159/night

Quad Rooms - \$169/night

Call the toll free number above and tell them that you are with the Southern Association of Ag Scientists (SAAS).

Check in is 3:00 pm - Check out is 12:00 pm.

Cancellations will be accepted up to 72 hours prior to arrival date. **A \$50 fee will be charged for early departure if you do not advise the hotel at or before check-in.**

MEETING REGISTRATION

The registration fee is **\$120 and \$5 for students**. Students participating in the graduate student paper competition have **free** registration (see the September newsletter for details). The registration fee allows for attendance at other SAAS meetings.

You can register for the meeting online or via fax, mail, or phone as follows:

Online: Please go to the Southern Division website at <http://www.apsnet.org/members/divisions/south/meetings/Pages/2012APSSouthernDivisionMeeting.aspx>

By Phone: Call APS Headquarters at 1.800.481.2698 (toll free in U.S.) or 1.651.454.7250 (Canada, Int'l) to register. Your registration can be processed in less than one minute with a credit card and a receipt will be e-mailed to you!

By Fax/Mail: Please visit the Southern Division website: <http://www.apsnet.org/members/divisions/south/meetings/Pages/2011APSSouthernDivisionMeeting.aspx> to print a Meeting Registration Form that can be faxed or mailed to APS Headquarters. If paying by check, please make it payable to: "APS/SD".

We do not recommend sending your credit card information via e-mail since it is not secure. Please fax, phone, or mail your credit card information.

The deadline for receiving advance payment is Jan. 27, 2012.

You will be sent an electronic receipt.

At the meeting, you can pay by check (preferred) or cash (not preferred), **BUT NO CREDIT CARDS!**

88TH SDAPS MEETING PROGRAM

Sunday, February 5

- 7:00-7:50 Registration (Birmingham-Jefferson Conference Center, Registration Room)
- 7:50-8:00 Welcome – David Langston, SDAPS President (Birmingham-Jefferson Conference Center, East Meeting Room A)

STUDENT PRESENTATIONS – Boyd Padgett, SDAPS Past-President, presiding (Birmingham-Jefferson Conference Center, East Meeting Room A)

- 8:00-8:12 Degradation of wheat straws under different soil moisture and temperature conditions and their ability to support perithecia development by *Fusarium graminearum*. **A. Subedi** and K. L. Bowen, Auburn University, Auburn, AL.

- 8:12-8:24 Effect of planting date, fungicide timing and varietal tolerance on development of narrow leaf spot of rice. **K. Kaur** (1), C. Hollier (1) and D. Groth (2), (1) Department of Plant Pathology & Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803; (2) Rice Research Station, Louisiana State University Agricultural Center, Rayne, LA 70578.

- 8:24-8:36 Evaluation of soybean recombinant inbred line (RIL) derived sister lines for resistance to *Phakopsora pachyrhizi*. **M. Ganiger** (1), D. R. Walker (2) and Z.-Y. Chen (1), (1) Department of Plant Pathology & Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803; (2) USDA-ARS Soybean/Maize

Germplasm, Pathology, and Genetics Research Unit, Urbana, IL 61801.

- 8:36-8:48 Infection of sweetpotato by fungal end rot pathogens prior to harvest. **W. L. da Silva** and C. A. Clark. Department of Plant Pathology and Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803.
- 8:48-9:00 An emerging problem for *Celtis* spp. - a novel ampelovirus associated with mottling symptoms. **J. Zhou** (1), K. Keller (2), R. Martin (2) and I. Tzanetakis (1), (1) University of Arkansas, Fayetteville, AR; (2) USDA-ARS, Corvallis, OR.
- 9:00-9:12 Molecular and biochemical characterization of resistance to *Botrytis cinerea* in *Solanum lycopersicoides*. **J. E. Smith** (1), B. G. Mengesha (2), T. D. Mengiste (2) and B. H. Bluhm (1). (1) University of Arkansas, Fayetteville, AR; (2) Purdue University, West Lafayette, IN.
- 9:12-9:24 Transposon mutagenesis of *Burkholderia glumae* 336gr-1 and screening of mutant derivatives identified *ntpR*, a novel negative regulator of toxoflavin production. **R. A. Melanson**, I. K. Bharphagha, H. S. Karki, B. K. Shrestha, R. Chen and J. H. Ham. Department of Plant Pathology and Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803.
- 9:24- 9:36 Regulation of the virulence factors by the TofI/TofR quorum-sensing system in *Burkholderia glumae*: the major pathogen causing bacterial panicle blight of rice. **R. Chen**, I. K. Barphagha and J. H. Ham, Department of Plant Pathology & Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803.
- 9:36-9:48 Mapping the extent of Loblolly Pine Decline in Alabama and Georgia. **M. Meyerpeter** and L. Eckhardt. Forest Health Cooperative, Forest Health Dynamics Lab, School of Forestry and Wildlife Sciences, Auburn University, AL.
- 9:48-10:00 **Break**

- 10:00-10:12 Identification and analysis of differentially expressed maize WRKY transcription factors in response to *Aspergillus flavus* colonization of resistant and susceptible germplasm. **J. C. Fountain**, Y. Raruang and Z.-Y. Chen. Louisiana State University Agricultural Center, Dept. of Plant Pathology and Crop Physiology, Baton Rouge, LA 70803.
- 10:12-10:24 Effect of citrus juice on viability of ‘*Candidatus Liberibacter asiaticus*’ in liquid suspension. **S. R. Witosky** (1), J. K. Parker (2), F. Navarrete (2), M. Hilf (3), K. R. Sims (3) and L. de la Fuente (2), (1) Department of Biological Sciences, Auburn University, Auburn, AL 36830; (2) Department of Entomology and Plant Pathology, Auburn University, Auburn, AL 36830; (3) USDA-ARS, U. S. Horticultural Research Laboratory, Ft. Pierce, FL 34945.
- 10:24-10:36 Characterization and detection of a new *Botrytis* species from blackberry. **X. P. Li**, D. Fernandez-Ortuno and G. Schnabel. School of Agricultural, Forest & Environmental Sciences, Clemson University, SC 29634.
- 10:36-10:48 Relationships among defoliation by leaf spot, canopy reflectance and yield in new runner-type peanut cultivars. **P. A. Navia Gine** (1), A. K. Culbreath (1), B. L. Tillman (2) C. C. Holbrook (3), W. D. Branch (4) and N. B. Smith (5), (1) Dept. of Plant Pathology, Univ. of Georgia, Tifton, GA 31793-0748; (2) North Florida REC, Agronomy Dept., Univ. of Florida, Marianna, FL 32446; (3) USDA-ARS, Crop Genetics and Breeding Research Unit, Tifton, GA 31793; (4) Dept. of Crop and Soil Sciences, University of Georgia, Tifton, GA 31793; (5) Dept. of Agricultural and Applied Economics, Univ. of Georgia, Tifton, GA 31793.
- 10:48-11:00 Epidemiology of soybean rust on kudzu and soybean. **H. M. Young** (1), D. L. Wright (1), N. S. Dufault (2), and J. J. Marois (1), (1) University of Florida, NFREC, Quincy, FL; (2) University of Florida, Gainesville, FL.
- 11:00-11:12 Evaluating peanut rust resistance in newly developed peanut breeding lines. **I. L. Power** (1), A. K. Culbreath (1) and B. L. Tillman (2), (1) Department of Plant Pathology, University of Georgia, Tifton, GA 31793; (2) North Florida REC, Agronomy Department, University of Florida, Marianna, FL 32446.
- 11:12-11:24 Antagonistic activities of rice-associated bacteria against *Burkholderia glumae* and *Rhizoctonia solani*. **B. K. Shrestha**, S. Wagle, M. C. Rush and J. H. Ham. Department of Plant Pathology and Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803.
- 11:24-11:36 Assessing the impacts of cogongrass (*Imperata cylindrica* (L.) Beauv) on root-feeding bark beetle populations associated with Southern Pine Decline. **B. Brunson** and L. Eckhardt. Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University, Auburn, AL.
- 11:36-11:48 Genetic and phenotypic variations among *Burkholderia glumae* strains, the causal agent of bacterial panicle blight of rice. **H. S. Karki** (1), B. K. Shrestha (1), D. E. Groth (2) and J. H. Ham (1). (1) Department of Plant Pathology and Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, Louisiana 70803; (2) Rice Research Station, Louisiana State University Agricultural Center, Rayne, LA 70578.
- 11:48-12:00 Comparative genomic analyses of the rice pathogenic *Burkholderia glumae* strains reveals plasticity among the genomes. **F. Francis** (1), J. Kim (2) and J. H. Ham (1). (1) Dept. of Plant Pathology & Crop Physiology, Louisiana State University, Baton Rouge, LA 70803; (2) Center for Computation and Technology (CCT), Louisiana State University, Baton Rouge, LA 70803.
- 12:00-1:00 **Lunch** (on your own)
- STUDENT PRESENTATIONS** – Boyd Padgett, SDAPS Past-President, presiding (Birmingham-Jefferson Conference Center, East Meeting Room A)
- 1:00-1:12 Visual and electronic comparisons of

- detached strawberry leaves inoculated with two *Colletotrichum* species. **M. A. Miller-Butler** (1), K. J. Curry (1), B. R. Kreiser (1) and B. J. Smith (2), (1) University of Southern Mississippi, Department of Biological Sciences, Hattiesburg, MS; (2) USDA-ARS Poplarville, MS.
- 1:12-1:24 Effects of environment and genotype on charcoal rot development on soybeans. **M. D. Doubledee** (1), J. C. Rupe (1), C. S. Rothrock (1), S. G. Bajwa (2), A. J. Steger (1) and R. T. Holland (1), (1) University of Arkansas Department of Plant Pathology, Fayetteville, AR; (2) University of Arkansas Department of Department of Biological & Agricultural Engineering , Fayetteville, AR.
- 1:24-1:36 Thinning affects on incidence of ophiostomatoid fungal species in decline-impacted *Pinus taeda* stands. **Y. Zeng** and L. G. Eckhardt. Forest Health Cooperative, Forest Health Dynamics Lab, School of Forestry and Wildlife Sciences, Auburn University, Auburn, AL.
- 1:36-1:48 Characterization of a recombinant inbred line (RIL) population for resistance to late leaf spot in cultivated peanut (*Arachis hypogaea*). **R. Gill** (1), A. Culbreath (1), C. Holbrook (2) and P. Ozias-Akins (1), (1) University of Georgia, Tifton, GA; (2) USDA-ARS, Tifton, GA.
- 1:48-2:00 **Break**
- 2:00-2:12 Investigating effective management strategies for *Ustilagoidea virens* on *Oryza sativa*. **A. Jecman** and D. O. TeBeest, Department of Plant Pathology, University of Arkansas, Fayetteville, AR 72701.
- 2:12-2:24 Tracking asymptomatic foliar infections of pecan anthracnose. **T. W. Ingram** and T. B. Brenneman, Department of Plant Pathology, University of Georgia, Tifton, GA.
- 2:24-2:36 Comparison of methods for isolation and quantification of *Rhizoctonia* spp. from field soil. **T. N. Spurlock** (1), C. S. Rothrock (1), and W. S. Monfort (2). (1) Department of Plant Pathology University of Arkansas, Fayetteville, AR; (2) Department of Entomology Soils, and Plant Sciences,
- Clemson University, Blackville, SC.
- 2:36-2:48 Identification of microsatellites from *Bipolaris sorokiniana*, a pathogen of switchgrass. **O. L. Fajolu**, P. A. Wadl, A. L. Vu, K. D. Gwinn, B. H. Ownley and R. N. Trigiano. Department of Entomology and Plant Pathology, University of Tennessee, Knoxville, TN.
- 2:48-3:00 Variation in resistance of *Pinus taeda* and *P. elliotii* families against *Leptographium* root infecting fungi. **A. Singh**, D. D. Anderson and L. G. Eckhardt. Forest Health Cooperative, Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University, AL.
- 3:00-3:12 The in vitro evaluation of fungicide systemicity for the control of *Sclerotium rolfsii* on tomato with soil and foliar applications. **M. J. Roberts**, D. B. Langston and T. B. Brenneman, Department Plant Pathology, University of Georgia, Tifton, GA.
- 3:12-3:24 Genetic diversity of *Phytophthora capsici* recovered from pepper in Southern France. **D. Gobena** (1), M. Cantet (2), V. Lefebvre (2) and K. Lamour (3). (1) Genome Science and Technology Graduate Program, University of Tennessee, Knoxville TN; (2) INRA - UR 1052 - Unité de Génétique et d'Amélioration des Fruits et Légumes; (3) Department of Entomology and Plant Pathology, University of Tennessee, Knoxville TN.
- 3:24-3:36 Fungal occurrence associated with foliar lesions on giant miscanthus in Mississippi. **M. Gilley**, M. Tomaso-Peterson, T. W. Allen and B.S. Baldwin. Mississippi State University. Mississippi State, MS 39762.
- 3:36-3:48 Development of Single Nucleotide Polymorphism (SNP) markers for *Phytophthora colocasiae*. **S. Shrestha** (1), J. Mudge (2), N. A. Miller (2) and K. Lamour (1). (1) Department of Entomology and Plant Pathology, University of Tennessee, Knoxville, TN; (2) National Center for Genome Resources, Santa Fe, NM.
- 3:48-4:00 Host plant, aphid species and virus infection status influence on acquisition and

- transmission of *Sweet potato feathery mottle virus*. **E. Wosula** (1), C. A. Clark (1) and J. A. Davis (2), (1) Department of Plant Pathology & Crop Physiology and (2) Department of Entomology, Louisiana State University Agricultural Center, Baton Rouge, LA 70803.
- 4:00-4:12 Effect of initial fungicide application timing and cultivar on peanut pod rot on the High Plains of Texas. **L. D. Thiessen** (1) and J. E. Woodward (1,2). (1) Dept. of Plant & Soil Science, Texas Tech University, Lubbock, TX 79409; (2) Texas AgriLife Extension, Lubbock, TX 79403.
- 4:12-4:24 Diagnosis of centipede grass anthracnose caused by *Colletotrichum eremochloae* sp. nov. **P. L. Vines** (1), M. Tomaso-Peterson (1) and J.A. Crouch (2). (1) Mississippi State University, Mississippi State, MS 39762; (2) Systematic Mycology and Microbiology Laboratory, USDA-ARS, Beltsville, MD 20705.
- 4:24-4:36 A new mechanism of DMI fungicide resistance in *Monilinia fructicola*. **F. P. Chen** (1), G. Schnabel (2) and X. L. Liu (1), (1) College of Agriculture and Biotechnology, China Agricultural University, Beijing 100193; (2) Department of Entomology, Soils and Plant Sciences, Clemson University, Clemson, SC 29634.
- 6:00-7:00 **SDAPS Executive Committee Meeting** (Sheraton Birmingham Hotel, Jefferson Boardroom 1)
- 6:00-10:00 **SAAS Reception (TBD)**
- Monday, February 6**
- 7:30-8:00 Registration (Birmingham-Jefferson Conference Center, Registration Room)
- 7:55-8:00 Announcements – David Langston, SDAPS President (Birmingham-Jefferson Conference Center, East Meeting Room A)
- SYMPOSIUM: “Bacterial Plant Pathogens and Antagonists” – J. H. Ham**, presiding, (Birmingham-Jefferson Conference Center, East Meeting Room A)
- 8:00-8:30 “Genetic dissection of the regulatory network that controls virulence genes of *Burkholderia glumae*.” **J. H. Ham** (1), H. S. Karki (1), R. Chen (1), I. Kaur (1), F. Francis (1), J. Kim (2) and R. Melanson (1). (1) Dept. of Plant Pathology & Crop Physiology, Louisiana State University, Baton Rouge, LA 70803; (2) Center for Computation and Technology (CCT), Louisiana State University, Baton Rouge, LA 70803.
- 8:30-9:00 “The dynamic taxonomy of plant pathogenic bacteria.” **C. T. Bull**, USDA-ARS, Salinas, CA 93905-3018.
- 9:00-9:30 “Effect of *Acidovorax citrulli* localization in watermelon seeds on pathogen detection and seed-to-seedling transmission of bacterial fruit blotch.” **R. Walcott**, University of Georgia, Athens, GA 30602.
- 9:30-9:40 **Break**
- 9:40-10:10 “Ecology and epidemiology of bacterial pathogens.” **R. D. Gitaitis**, University of Georgia, Tifton, GA 31793-0748.
- 10:10-10:35 “Characterization and genetic analysis of rhizobacteria antagonistic to plant pathogens.” **S. Lu** (1), S. Baird (1), J. Xu (2), Y. Liu (3), K. Chen (1) and P. Deng (1), (1) Department of Biochemistry, Molecular Biology, Entomology and Plant Pathology, Mississippi State University, Mississippi State, MS 39762; (2) Institute of Food Quality and Safety Detection, Jiangsu Academy of Agricultural Sciences, Nanjing 210014, China; (3) Institute of Plant Protection, Jiangsu Academy of Agricultural Sciences, Nanjing 210014, China.
- 10:35-10:48 Discussion
- CONTRIBUTED PAPERS – R. W. Schneider**, presiding (Birmingham-Jefferson Conference Center, East Meeting Room A)
- 10:48-11:00 Host and non-host infection by *Cercospora zae-maydis* and *Cercospora beticola*: host sensing, stomatal tropism and initiation of stomatal penetration. **R. L. Hirsch** and B. H. Bluhm, University of Arkansas, Fayetteville, AR.
- 11:00-11:12 Efficacy of the fungicide fluopyram and cultivar performance for management of Sclerotinia blight of peanut in Texas. **J. E.**

- Woodward** (1), T. A. Baughman (1) and R. Perkins (2), (1) Texas AgriLife Extension Service, Lubbock, TX 79403; (2) Bayer CropScience, Idalou, TX 79329.
- 11:12-11:24 Peanut cultivar improvements in field resistance to Tomato spotted wilt virus in the southeastern U.S. **A. K. Culbreath** (1), W. D. Branch (1), C. C. Holbrook (2), D. W. Gorbet (3) and B. L. Tillman (3), (1) University of Georgia, Tifton, GA; (2) USDA-ARS, Coastal Plain Experiment Station, Tifton, GA; (3) University of Florida, NFREC, Marianna, FL.
- 11:24-11:36 Production practices impact anthracnose severity and biomass yield of selected sorghum varieties. **A. K. Hagan** (1), K. L. Bowen (1), A. C. Rocateli (1), R. L. Raper (2), F. J. Arriaga (1) and K. S. Balkcom (1), (1) Auburn University, Auburn, AL 36849; (2) USDA ARS, Booneville, AR 72927.
- 11:36-11:48 Impact and management of fungal foliar diseases of cotton in Georgia. **R. C. Kemerait** (1), F. H. Sanders, Jr. (1), A. M. Fulmer (1), J. T. Walls (1), T. Flanders (2), M. Crosby (2), J. Kichler (2), R. Ethredge (2), J. Jacobs (2), J. Crawford (2), C. Riner (2), G. H. Harris (3), R. J. Byrne (2) and R. G. McDaniel (4), (1) Department of Plant Pathology, the University of Georgia, Tifton, GA; (2) UGA Cooperative Extension; (3) Department of Crop and Soil Sciences, the University of Georgia, Tifton, GA; (4) Screven Gin, Sylvania, GA.
- 11:48-12:00 The role of cymoxanil and famoxadone in the management of bacterial spot on. **J. Fayette**, P. D. Roberts, K. L. Pernezny and J. B. Jones, University of Florida, Gainesville, FL.
- 12:00-1:12 **Lunch** (on your own)
- 12:00-1:12 **Graduate Student Luncheon** by invitation only (Birmingham-Jefferson Conference Center, VIP Room)
- CONTRIBUTED PAPERS** –presiding (Birmingham-Jefferson Conference Center, East Meeting Room A)
- 1:12-1:24 Identification and characterization of expressed resistance gene analogs (RGAs) from peanut (*Arachis hypogaea* L.) expressed sequence tags (ESTs). **Z. Liu** (1), A. Culbreath (1) and B. Guo (2), (1) University of Georgia, Department of Plant Pathology, Tifton, GA; (2) USDA-ARS, Crop Protection and Management Unit, Tifton, GA.
- 1:24-1:36 Identification of putative TSWV resistance genes and development of gene-specific marker in peanut. **S. Feng** (1), X. Chen (2), Z. Liu (1), C. Holbrook (3), A. Culbreath (1) and B. Guo (4), (1) University of Georgia, Department of Plant Pathology, Tifton, GA; (2) Guangdong Academy of Agricultural Sciences Crop Research Institute; (3) USDA-ARS, Crop Genetics and Breeding Unit, Tifton, GA; (4) USDA-ARS, Crop Protection and Management Unit, Tifton, GA.
- 1:36-1:48 Use of hot-water baths as non-chemical treatments for Rhizopus soft rot on sweetpotatoes. **R. R. Sweany**, D. H. Picha and C. A. Clark, LSU AgCenter, Baton Rouge, LA.
- 1:48-2:00 Are emaraviruses mite viruses? The Rose rosette paradigm. **A. G. Laney** (1), E. W. Kitajima (2) and I. E. Tzanetakis (1), (1) University of Arkansas, Fayetteville, AR; (2) Escola Superior de Agricultura, Piracicaba, SP, Brazil.
- 2:00-2:12 Relative efficacy of nine fungicides applied to peanut early emergence for foliar and soilborne diseases. **T. B. Brenneman** and J. Augusto, University of Georgia, Department of Plant Pathology, Tifton, GA 31794.
- 2:12-2:24 Curative activity of penthiopyrad and pyraclostrobin on infections by *Cercospora arachidicola* of peanut (*Arachis hypogaea*). **E. G. Cantonwine** (1), G. G. Hammes (2) and B. McInnes (2), (1) Valdosta State University, Valdosta, GA; (2) DuPont Crop Protection, Valdosta, GA.
- 2:24-2:36 Molecular diversity in field population of *Sclerotinia sclerotiorum* isolates affected common bean in Upper Egypt. **A. A. Abdel-Razik**, A. M. Samy (1), M. H. Hassan (1) and A. W. Abd-Elmagid (2), (1) Dept of Plant Pathology, Faculty of Agriculture, Assiut University, Assiut, Egypt; (2) Dept.

of Entomology and Plant Pathology, College of Agriculture Sciences and Natural Resources, Oklahoma State Univ.

2:36-2:48 Effects of soil hard pan and *Meloidogyne incognita* on cotton root architecture and plant growth in a microplot study. **J. Ma** (1), T. Kirkpatrick (2) and C. Rothrock (1), (1) University of Arkansas, Fayetteville, AR; (2) University of Arkansas, SWREC, Hope, AR.

2:48-3:00 Evaluation of ICRISAT varieties for resistance to foliar peanut diseases in Haiti. **A. M. Fulmer** (1), R. C. Kemerait (1), J. L. Sherwood (1), D. L. Jordan (2), J Rhoads (3) and T. B. Brenneman (1), (1) Department of Plant Pathology, University of Georgia, Tifton, GA; (2) Department of Crop Science, North Carolina State University, Raleigh, NC; (3) Meds & Food for Kids, Mombin Lataille, Cap-Haïtien, Haiti.

3:00-3:12 **Break**

3:12-3:24 *Aspergillus flavus* genetic diversity of corn fields treated with non-toxicogenic strain Aflaguard® in the southern U.S. **C. Solorzano** (1), H. Abbas (1), M. Weaver (1), P.-K. Chang (2) and W. Jones (1), (1) USDA-ARS, Stoneville, MS; (2) USDA-ARS, New Orleans, LA.

3:24-3:36 Distribution and molecular characterization of *Botrytis cinerea* isolates resistant to respiration inhibitors. **D. Ortuno**, F. Chen and G. Schnabel, Clemson University, Clemson, SC.

3:36-3:48 Evaluation of nitrogen rate effects on cotton yield in soil management zones treated and untreated with Telone® II. **R. Haygood** (1), D. Burns (2), E. Burris (3) and T. Kirkpatrick (4), (1) Dow AgroSciences, Indianapolis, IN; (2) LSU Agricultural Center, St. Joseph, LA; (3) Gene Burris Consulting, St. Joseph, LA; (4) University of Arkansas.

3:48-4:00 Comparison of stream baiting protocols for recovering *Phytophthora ramorum* from streams and nursery discharge. **D. D. Anderson** (1), S. W. Oak (2), S. A. Enebak (1) and L. G. Eckhardt (1), (1) Forest Health Dynamics Laboratory, School of Forestry

and Wildlife Sciences, Auburn University, Auburn, AL; (2) Forest Health Protection, United States Forest Service, Ashville, NC.

4:00-4:12 Identification of *Penicillium* species isolated from sweetpotato in North Carolina. **J. G. Holmes** (1), G. Abad (2) and M. L. Adams, (1) Valent USA Corporation, Cary, NC 27519; (2) Plant Pathology, NC State Univ., Raleigh, NC 27695.

4:15-4:30 **APS Update**, Dr. Carol Ishimaru, APS President

4:30-5:45 **SDAPS Business Meeting**, David Langston, SDAPS President, presiding (Birmingham-Jefferson Conference Center, East Meeting Room A)

6:00-9:00 **SDAPS Social (cash bar), Banquet, and Southern Division deBary Bowl** (Medical Forum Conference Center, Medical Forum J/K)

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SDAPS DUES

SDAPS dues are \$5.00 for members and associate members (excluding retired plant pathologists who are considered honorary members) and \$3.00 for student members. Dues may be sent to the SDAPS Secretary/Treasurer or paid with your APS dues.