



Copyright 1994-2001
The American Phytopathological Society

AMERICAN PHYTOPATHOLOGICAL SOCIETY **SOUTHERN DIVISION** **NEWSLETTER**

DECEMBER 2006

DATES TO REMEMBER

January 19, 2007

- ☞ Deadline for room reservations at the **Riverview Plaza Hotel** and **Radisson Admiral Semmes Hotel**, Mobile, AL. **But reserve earlier – there are other events going on at that time!**

February 2, 2007

- ☞ Deadline for receiving advance registration – Send to Tom Isakeit

February 4-5, 2006

- ☞ 84th Annual SDAPS Meeting, Mobile Convention Center, Mobile, AL. (Meeting in conjunction with SAAS).

84TH SDAPS MEETING HOTEL

The official meeting hotel:

The Riverview Plaza Hotel (formerly Adam's Mark), 64 South Water Street, Mobile, AL 36602
Rates: \$109/single or double; \$119/triple or quad; \$150/parlor

To Register: Call 251-438-4000 and request group rate for the "Southern Association of Agricultural Scientists." or <http://www.riverviewmobile.com>

Radisson Admiral Semmes Hotel
251 Government Street, Mobile, AL 36602
Rates: \$99/single or double; \$109/triple or quad
To Register: Call 800-333-3333 or <http://www.radisson.com/reservation/clearReservation.do?hotelCode=MOBILE>
PAC Code is SAAS.

Deadline for room reservations at both hotels is **January 19, 2007.**

For more information about the SAAS meetings, see: <http://www.saasinc.org/Mobile2007/Mobile-Main-Pg.asp>.

MEETING REGISTRATION

The registration fee will be **\$80 (\$5 for students)**, which includes registration for the SAAS meeting. The fee can be paid by check (preferred) or cash (not preferred) at the meeting. **NO CREDIT CARDS!**

Registration can be paid in advance by sending a check and the registration form on page 7 of this newsletter to the SD/APS Secretary-Treasurer. **The deadline for receiving advance payment is Feb. 2, 2007.**

Make the check payable to: "APS/SD".

Mail the check to: c/o Tom Isakeit, SD/APS Secretary Treasurer, Dept. of Plant Pathology and Microbiology, 2132 TAMU, Texas A&M University, College Station, TX 77843-2132. You will be sent an electronic receipt.

84TH SDAPS MEETING PROGRAM

The highlight of the SDAPS meeting will be the Sunday afternoon symposium, "The Future of Mycological Research in the Southern Division of APS". This symposium will feature presentations by early-career scientists from five states.

University Agricultural Center, Baton Rouge, LA 70803; (2) Southern Regional Research Center, USDA-ARS, New Orleans, LA 70179.

**Southern Division of the American
Phytopathological Society
84th Annual Meeting Program
February 4-5, 2007
Mobile Convention Center, Mobile, Alabama**

Sunday afternoon: February 4, 2007

- 12:00-4:00 Registration (Concourse Lobby Area, Mobile Convention Center)
- 1:00-1:10 Welcome – Craig Rothrock, SDAPS President (Meeting Room 204 A, Mobile Convention Center)

SYMPOSIUM: The Future of Mycological Research in the Southern Division of APS, Chris Clark, presiding

- 1:10-1:30 "Bridging extension and research activities with Phytophthora" KELLY L. IVORS, Assistant Professor and Extension Specialist, NC State University, Mountain Hort. Crops Research & Extension Center.
- 1:30-1:50 "*Phytophthora capsici* - Foe of the vegetable producer, friend of the Oomycete geneticist" KURT LAMOUR, Assistant Professor, Department of Entomology and Plant Pathology, The University of Tennessee Institute of Agriculture.
- 1:50-2:10 Accessing Fungal Pathosystems with New Tools. S.M. MAREK Entomology and Plant Pathology, Oklahoma State University, Stillwater, OK 74074
- 2:10-2:30 "Characterization of an aflatoxin resistance-associated protein from maize." ZHI-YUAN CHEN (1), Robert L. Brown (2), Kenneth E. Damann (1), and Thomas E. Cleveland (2). (1) Department of Plant Pathology and Crop Physiology, Louisiana State

2:30-2:50 Molecular characterization of a multi-modular protein Fsr1 in *Fusarium verticillioides* that functions in maize stalk rot pathogenesis. WON-BO SHIM. Department of Plant Pathology and Microbiology, Texas A&M University, College Station, TX77843-2132

2:50-3:00 Discussion

3:00-3:15 **Break**

Student presentations – Tim Brenneman, SDAPS Past-President, presiding

- 3:15-3:30 Reduced environmental impact of fertilizers using PGPR. A.O.ADESEMOYE (1), J.W.Kloepper (1), and H.A.Torbert (2). (1) Dept. Ent & Plant Pathology, Auburn University, AL 36849 (2) USDA Soil Dynamics Laboratory, Auburn, AL 36849.
- 3:30-3:45 Accounting for fungal spore inocula on detached leaves of strawberry for fungicide screening. M. ABRIL (1), K.J. Curry (1), and B.J. Smith (2). (1) The University of Southern Mississippi, Hattiesburg, MS 39406; (2) USDA-ARS Southern Horticultural Laboratory, Poplarville, MS 39470.
- 3:45-4:00 *Phytophthora cinnamomi* isolate identification for development of a greenhouse screening technique for identifying resistant blueberry (*Vaccinium* sp.) germplasm. M. MILLER-BUTLER (1), K.J. Curry (1), B.J. Smith (2). (1) University of Southern Mississippi, Hattiesburg, MS 39406; (2) USDA-ARS Southern Horticultural Laboratory, Poplarville,

MS 39470.

Monday, February 5, 2007

- 4:00-4:15 Characterization of the antifungal properties and biological range of 7,10,12-trihydroxy-8(E)-octadecenoic acid (TOD). T. B. HATCHETT (1), J. Cofield, (2) K. S. Lawrence(1), & Sang-Jin Suh(2) (1)Auburn University Dept. of Entomology & Plant Pathology& (2) Auburn University Department of Biological Sciences, Auburn, AL 36849.
- 4:15-4:30 Screening Peanut Germplasm for Resistance to *Cylindrocladium parasiticum*. J.N. WILSON (1), T.A. Wheeler (2) M.C. Black (3). (1) Department of Plant and Soil Science, Texas Tech University, Lubbock TX 79409; (2) Texas Agriculture Research and Extension Center, Lubbock, TX 79403; (3) Texas Agriculture Research and Extension Center, Uvalde, TX 78801.
- 4:30-4:45 Evaluation of resistance to *Cylindrocladium parasiticum* in peanut in naturally infested or inoculated fields, and in the greenhouse. W. B. DONG (1), T. B. Brenneman (1), C. C. Holbrook (2), and A. K. Culbreath (1). (1) Dept. of Plant Pathology, University of Georgia, Tifton, GA 31793; (2) USDA-ARS, Coastal Plain Exp. Stn. Tifton, GA 31793.
- 5:30-6:30 **SDAPS Executive Committee Meeting** (Oakleigh Suite, Riverview Plaza Hotel)
- 3:30-5:00 **SAAS Opening and General Session and Symposium** (West Ballroom, Mobile Convention Center)
- 5:00-till **SAAS's Super Bowl Party/Reception (Social Hour/Cash Bar from 5:00 pm to 6:00 pm.** (East and West Ballroom, Mobile Convention Center)
- 8:00-11:30 Registration (Concourse Lobby Area, Mobile Convention Center)
- 8:00 Announcements – Craig Rothrock, SDAPS President (Meeting Room 204 A, Mobile Convention Center)
- Contributed papers – Craig Canaday, presiding
- 8:00-8:15 Infection of longleaf pine seedlings with *Cronartium quercuum* f. sp. *fusiforme*. C.H. WALKINSHAW. U.S. Forest Service, Pineville, LA
- 8:15-8:30 Effects of microbial inoculants on soil microbial activity, bacterial populations, and diseases suppressiveness. M. BURKETT-CADENA (1), N. Kokalis-Burelle (2), K. Lawrence(1), J.W. Kloepper (1). (1) Dept. of Entomology and Plant Pathology, Auburn University, AL 36849; (2) USDA-ARS, Ft. Pierce, FL 34945
- 8:30-8:45 Fern distortion syndrome: a newly described disease of Leatherleaf fern. J.W. KLOEPPER (1), H.A. Mills (2), F. Saborío (3), and E. Bustamante (4). (1) Dept. Entomology and Plant Pathology, Auburn University, Auburn, AL 36849; (2) MMI Labs, Athens, GA 30607; (3) Centro de Investigaciones Agronómicas, Universidad de Costa Rica; (4) San José Costa Rica.
- 8:45-9:00 Changes in rhizosphere bacterial communities of Leatherleaf fern affected by fern distortion syndrome and treated with the systemic fungicide, Benlate. RAMÍREZ, C., Liles, M., and Kloepper, J.W. Auburn University, Auburn, AL 36849.
- 9:00-9:15 The influence of exogenous nutrients on the abundance of yeasts on the phylloplane of tall fescue. S. Nix-

	Stohr, L.L. Burpee, J.W. Buck. Dept. of Plant Pathology, University of Georgia, Griffin, GA 30223		<i>Puccinia hemerocallidis</i> on daylily. W. E. COPES, USDA/ARS Southern Horticultural Laboratory, Poplarville, MS 39470
9:15-9:30	Effects of a SAR inducer, cultivar, and plant growth-promoting rhizobacteria (PGPR) on foliar and fruit diseases of tomato and on marketable yields. C.H. CANADAY, Dept. of Entomology and Plant Pathology, University of Tennessee, WTREC, Jackson, TN 38301.	11:00-11:15	Management of target spot on burley tobacco with azoxystrobin. K.W. SEEBOLD (1) and G.K. Palmer (2). (1) University of Kentucky, Plant Pathology Dept. and (2) University of Kentucky, Dept. of Plant and Soil Sciences, Lexington KY, 40546.
9:30-9:45	Soybean cyst nematode reproduction related to tillage and rhizosphere microorganisms. I. ABDI (1), P.A. Donald (1), D. Tyler (2). (1) USDA ARS, CGRPU, Jackson, TN 38301; (2) BEES, University of Tennessee, Jackson, TN 38301.	12:00-1:00	Graduate Student Luncheon (Prefunction/Registration area on the Exhibit Hall Level, southeast corner, Mobile Convention Center), by invitation only
9:45-10:00	Break		<u>Contributed papers – Jason Woodward, presiding</u>
	<u>Contributed papers – Barbara Smith, presiding</u>	1:15-1:30	Evaluation of commercial watermelon rootstocks for tolerance to Phytophthora blight. C.S. KOUSIK (1) and Richard Hassell (2) (1)USDA, ARS, U.S. Vegetable Laboratory, Charleston, SC. (2) Clemson University, CREC. Charleston, SC.
10:00-10:15	Cultural practices and chemical treatments affect Phytophthora root rot severity of blueberries grown in south Mississippi. BARBARA J. SMITH, USDA-ARS, Small Fruit Research, P.O. Box 287, Poplarville, MS 39470	1:30-1:45	Evaluation of Rhizoctonia diseases on peanut cultivars and advanced breeding lines in West Texas. J. E. WOODWARD (1), and T. A. Baughman (2). (1) Dept. of Plant Pathology and Microbiology, Texas A&M University, Lubbock, TX 79403; (2) Dept. of Soil and Crop Sciences, Texas A&M University, Vernon, TX 76384.
10:15-10:30	Effects of four commercial peanut seed treatments on plant stand, diseases, and pod yield. T. B. BRENNEMAN, Dept. Plant Pathology, University of Georgia, Tifton, GA 31794.	1:45-2:00	Sentinel plot monitoring and comparison of Asian soybean rust development in Georgia in 2005 and 2006. L. E. SCONYERS (1), R. C. Kemerait, Jr. (1), D. V. Phillips (2), and P. H. Jost (3). Dept. of Plant Pathology, University of Georgia, (1) Tifton, GA 31793, (2) Griffin, GA
10:30-10:45	Evaluation of seed treatments, cultural practices, and fungicide sprays to control ashy stem blight of snap bean. C.H. CANADAY, Dept. of Entomology and Plant Pathology, University of Tennessee, WTREC, Jackson, TN 38301.		
10:45-11:00	Rate and intervals of hydrogen dioxide applications to control		

30223; (3) Dow AgroSciences,
Statesboro, GA 30458.

2:00-2:15 Management of Asian soybean rust
in Georgia with fungicides. R.C.
KEMERAIT (1) and L.E. Sconyers (1)
and P.H. Jost (2). (1) Dept. of Plant
Pathology, The University of
Georgia, Tifton, GA 31794; (2) Dow
Agrosciences, Statesboro, GA 30458.

2:15-2:45 Break

Contributed papers – Pamela Roberts, presiding

2:45-3:00 Mustard Cover Crop for
Management of Tobacco Black
Shank. A.S. CSINOS, L.L. Hickman,
L. Mullis. Dept. Plant Pathology,
University of Georgia, Tifton, GA
31793.

3:00-3:15 Management of whitefly populations
for the control of watermelon vine
decline in Florida. P.D. ROBERTS(1),
P.A. Stansly(2), S.A. Adkins (3), C.S.
Kousik (4), and B. Bruton (5) (1)
University of Florida, Department of
Plant Pathology, SWFREC,
Immokalee, FL. (2) University of
Florida, Department of Entomology
& Nematology, Immokalee, FL. (3)
United States Department of
Agriculture-ARS, USHRL, Fort
Pierce, FL. (4) US Vegetable Lab,
USDA, Charleston, SC. (5) United
States Department of Agriculture-
ARS, Lane, Oklahoma.

3:15-3:30 Distribution of *Iris yellow spot virus* in
onion leaves. C. NISCHWITZ(1), S.
Mullis(1), R. Torrance(2), D.
Langston Jr.(3), A. Sparks(3) and R.
Gitaitis(1) (1)Dept. of Plant
Pathology, Univ. Georgia, Tifton, GA
31793; (2)UGA-CES, Reidsville, GA
30453; and (3)UGA-CES, Tifton, GA
31793

3:30-3:45 A tospovirus in the sweetpotato virus
complex. C. A. CLARK and M. W.

Hoy, Dept. Plant Pathology & Crop
Physiology, Louisiana State Univ.
AgCenter, Baton Rouge, 70803-1720.

4:00-5:00 **SDAPS Business Meeting**, Craig
Rothrock, SDAPS President,
presiding

6:00-9:00 **SDAPS Social (cash bar) and
Southern Division deBary Bowl**
(Mobile Convention Center, Meeting
Room 204 A)

SOUTHERN DIV. OFFICERS

President

Craig S. Rothrock
University of Arkansas
Plant Pathology Department
217 Plant Science Building
Fayetteville, AR 72701
Phone: (479) 575-6687
FAX: (479) 575-7601
E-mail: rothrock@comp.uark.edu

President Elect

Christopher A. Clark
Louisiana State University
Plant Pathology and Crop Physiology
302 Life Science Bldg
Baton Rouge, LA 70803-1720
Phone: (225) 578-1381
Fax: (225) 578-1415
E-mail: cclark@agctr.lsu.edu

Vice President

Kenneth W. Seebold
University of Kentucky
Plant Pathology Department
1405 Veterans Dr - 205 Plant Sci Bldg
Lexington, KY 40546
Phone: (859) 257-7445
Fax: (859) 323-1961
E-mail: kwseebold@uky.edu

Past President

Timothy B. Brenneman
University of Georgia
Plant Pathology Department
CPES - P.O. Box 748
Tifton, GA 31794
Phone: (222) 386-3121
FAX: (222) 386-7285
E-mail: arachis@tifton.uga.edu

Councilor

Gerald J. Holmes
North Carolina State University
Dept. Plant Pathology
Campus Box 7616
Raleigh, NC 27695-7616
Phone: (919)515-9779
FAX: (919) 515-7716
E-mail: gerald_holmes@ncsu.edu

Secretary-Treasurer

Thomas Isakeit
Dept. Plant Pathology and Microbiology,
2132 TAMU
Texas A&M University
College Station, TX 77843-2132
Phone: (979) 862-1340
Fax: (979) 845-6483
E-mail: tisakeit@ag.tamu.edu

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.



Southern Division of the American Phytopathological Society

84TH SDAPS Meeting Registration Form February 4-5, 2006 Mobile, AL

Remit to:
C/o: Thomas Isakeit
SDAPS Secretary-Treasurer,
Dept. Plant Pathology and
Microbiology 2132 TAMU
Texas A&M University
College Station, TX 77843-2132

Phone: (979) 862-1340
FAX: (979) 845-6483

Name: _____
Address: _____

Phone: _____
E-mail: _____

REGISTRATION FEES:

\$80 - REGULAR
\$5 - STUDENT

AMOUNT REMITTED: _____ MAKE CHECK PAYABLE TO "APS/SD"