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The American Phytopathological Society

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

## DECEMBER 2007

### DATES TO REMEMBER

#### **January 23, 2008**

- ☞ Deadline for room reservations at the Adam's Mark Hotel (midnight)

#### **January 31, 2008**

- ☞ Deadline for electronic voting for Southern Division Vice-President

#### **February 1, 2008**

- ☞ Deadline for receiving advance registration and \$45 abstract payment (Abstract will cost \$55 if paid at the meeting) – **Send to Tom Isakeit**
- ☞ Deadline for receiving paper ballots for Southern Division Vice President, if you did NOT vote electronically – Send to Tom Isakeit

#### **February 3-4, 2008**

- ☞ 85<sup>th</sup> Annual SDAPS Meeting, Adam's Mark Hotel, Dallas, TX. (Meeting in conjunction with SAAS).

### 85<sup>TH</sup> SDAPS MEETING HOTEL

The official meeting hotel:

**The Adam's Mark Hotel, 400 N. Olive Street  
Dallas, TX 75201  
Phone: 1-800-444-2326  
Fax: 214-922-0308**

#### **Room Rates:**

Single and Double rooms are \$99/night.  
Triple Room is \$109/night, and Quad Room is \$119/night.

#### **Reservations:**

Call toll free number above and ask for the SOUTHERN

ASSOCIATION OF AGRICULTURAL SCIENTISTS  
group rate.

Group rates available January 30, 2008, through February 9, 2008.

Check in is 3:00 pm; Check out is Noon.

No hotel shuttle provided to or from the airport.

Free parking for SAAS participants and free access to fitness center.

High speed Internet service at 50% off applicable rate (currently \$9.95 + tax).

**Deadline for room reservations is January 23, 2008 (midnight).**

For more information about the SAAS meetings, see:  
<http://www.saasinc.org/2008-Dallas/Dallas2008-Main-pg.asp>

See <http://www.saasinc.org/2008-Dallas/Dallas2008-Miscellaneous.asp> for more information about Dallas and its attractions.

### MEETING REGISTRATION

The registration fee will be **\$80 (\$5 for students)**, which includes registration for the SAAS meeting. (This means that you can attend meetings of other societies).

The fee can be paid by check (preferred) or cash (not preferred) at the meeting. **NO CREDIT CARDS!**

**NOTE:** Students participating in the graduate student paper competition have free registration.

**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. 1 2008.**

**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.

## VOTE FOR SOUTHERN DIVISION VICE-PRESIDENT

The Vice-President is responsible for membership and assisting with program development for the annual meeting and will become President-Elect upon completion of the term of office. Candidates are Boyd Padgett and Jason Woodward. See page 7 of this newsletter for biographies of the candidates and a mail-in ballot. You have the option of voting by mail or voting electronically.

## 85<sup>TH</sup> SDAPS MEETING PROGRAM

### Sunday afternoon: February 3, 2008

12:00-4:00 Registration (City View Room 8)

1:00-1:10 Welcome – Chris Clark, SDAPS  
President (City View Room 8)

### SYMPOSIUM: Extension and Research in the 21<sup>st</sup> Century – Modern Approaches to New Challenges - Kenny Seebold presiding

1:10-1:35 "Nucleic-Acid Based Pathogen  
Detection in Applied Plant Pathology:  
Some Applications and Considerations."  
Paul Vincelli, Extension Professor, Plant  
Pathology Department, University of  
Kentucky, Lexington, KY 40546.

1:35-2:00 "Cooperative Efforts Between Extension  
and Research Counterparts Regarding  
Pathological Issues of Commercial  
Vegetables in Georgia." David  
Langston, Associate Professor and  
Extension Specialist, Department of  
Plant Pathology, The University of  
Georgia, Tifton, GA 31793.

2:00-2:25 "The use of basic and applied research to  
meet producer needs: managing existing  
and emerging fungicide resistance in

*Monilinia fructicola*." Guido Schnabel,  
Associate Professor, Dept. of  
Entomology, Soils, and Plant Sciences,  
Clemson University, Clemson, SC  
29634.

2:25-2:50 "Remote Sensing for Disease  
Measurement." Karl Steddom, Assistant  
Professor and Extension Specialist,  
Department of Plant Pathology, Texas  
A&M University, Overton, TX 75684.

2:50-3:00 Discussion

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

### Student presentations, Part I – Craig Rothrock, SDAPS Past-President, presiding

3:15-3:30 Evaluation of day versus night fungicide  
sprays for the control of peanut diseases.  
J. AUGUSTO (1), T.B. Brenneman (1),  
P. Sumner (2), A.K. Culbreath (1), A.S.  
Csinos (1), (1) Dept. Plant Pathology and  
(2) Dept. Biological and Agricultural  
Engineering, University of Georgia,  
Tifton, GA 31793.

3:30-3:45 Root development and water use  
efficiency of hard red winter wheat  
infected with *Wheat streak mosaic virus*.  
J.A. PRICE and C.M. Rush. Texas  
Agricultural Experiment Station,  
Amarillo TX 97106.

3:45-4:00 Molecular and biological properties of a  
putative partitivirus from jalapeno pepper  
(*Capsicum annuum*). D.L.  
GUTIERREZ, R.A. Valverde, Dept. of  
Plant Pathology and Crop Physiology,  
Louisiana State University Agricultural  
Center, Baton Rouge, LA 70803.

4:00-4:15 Fungicide resistance and host specificity  
of *Pseudoperonospora cubensis*, causal  
agent of cucurbit downy mildew. S.J.  
COLUCCI and G.J. Holmes, Department  
of Plant Pathology, North Carolina State  
University, Raleigh, NC 27695.

4:15-4:30 Baseline sensitivity of *Fusicladium*  
*effusum* to thiophanate-methyl, dodine,  
fentin hydroxide, and propiconazole  
using a microtiter plate assay. M.

- SEYRAN, K.L. Stevenson, and T.B. Brenneman, Dept. of Plant Pathology, University of Georgia, Tifton 31793.
- 4:30-4:45 Determination of the optimal temperature for infection of creeping bentgrass roots by *Pythium volutum*. J.P. KERNS and L.P. Tredway, Dept. of Plant Pathology, NCSU, Raleigh, NC 27695.
- 4:45-5:00 Novel SNP markers reveal haplotype diversity in field populations of *Phytophthora capsici* and interspecific hybrids of *P. capsici* and *P. tropicalis*. R.S. DONAHOO and Kurt Lamour, University of Tennessee, Knoxville, TN.
- 5:30-6:30 **SDAPS Executive Committee Meeting** (City View Room 3)
- 6:00-8:30 **SAAS Reception & Super Bowl Party** (Dallas Ballroom B/C)
- Monday, February 4, 2008**
- 8:00-11:30 Registration (City View Room 8)
- 8:00 Announcements – Chris Clark, SDAPS President (City View Rm 8)
- Student presentations, Part II – Craig Rothrock, SDAPS Past-President, presiding**
- 8:00-8:15 Distribution and stability of a new race of *Phytophthora nicotianae*, the causal agent of black shank of tobacco, in NC. C.A. GALLUP (1), K.L. Ivors (1), and H.D. Shew (1), (1) Plant Pathology, NC State University, Raleigh NC 27695.
- 8:15-8:30 Role of microbial communities on the occurrence of peanut soil-borne pathogens among different cropping sequences. H. SUDINI, K. Bowen, R. Huettel, Dept. of Entomology and Plant Pathology, Auburn University, AL 36849.
- 8:30-8:45 Relationships between preharvest conditions and increased susceptibility of sweetpotatoes to Rhizopus soft rot and bacterial soft rot in Louisiana and North Carolina. B.A. EDMUNDS (1), C.A. Clark (2), and G.J. Holmes (1), D.M. Ferrin (2), (1) North Carolina State University, Department of Plant Pathology; (2) LSU AgCenter, Department of Plant Pathology and Crop Physiology.
- 8:45-9:00 Isolation of *Xylella fastidiosa* from seven grape varieties in a Texas vineyard. C.P. TORRES and D. N. Appel, Dept. of Plant Pathology & Microbiology, Texas A&M University, College Station, TX 77843.
- 9:00-9:15 “Going against the grain”: maize 13-lipoxygenase mutants are more resistant to *Aspergillus flavus* and *Colletotrichum graminicola*. S.A. CHRISTENSEN and M.V. Kolomiets, Dept. of Plant Pathology and Microbiology, Texas A&M University, College Station, TX 77843.
- 9:15-9:30 Two closely related lipoxygenase genes have distinct roles in the regulation of mycotoxin and conidia production by *Aspergillus flavus* in maize seed. Y.S. PARK and M.V. Kolomiets, Dept. of Plant Pathology and Microbiology, Texas A&M University, College Station, TX 77843.
- 9:30-9:45 **Break**
- Contributed papers – David Langston, presiding**
- 9:45-10:00 Assessment of pyraclostrobin in production of corn, soybeans, and cotton in Georgia. R.C. KEMERAIT, H. Sanders, J. Clark, W. Duffie, J. Ethredge, G. Lee, and W. Parker, The University of Georgia, Tifton, GA 31793.
- 10:00-10:15 STAMINA™, A new strobilurin seed treatment fungicide that increases tolerance to low temperature stress. M.C. PAGANI, H.L. Ypema, J.S. Barnes, C. Lindholm, BASF Corp., Research Triangle Park, NC 27709.
- 10:15-10:30 Do foliar applications of fungicides benefit corn production in the Mid-South? G.B. PADGETT (1), D. Lanclos (2), M.A. Purvis (1), and C.A. Hollier

	(3), (1) Macon Ridge Res. Station, LSU AgCenter, Winnsboro, LA 71295; (2) Dean Lee Res. Station, LSU AgCenter, Alexandria, LA 71302; (3) Dept. of Plant Pathology and Crop Physiology, Louisiana State University, Baton Rouge, LA 70803.		
		<u>Contributed papers – Bob Kemerait, presiding</u>	
10:30-10:45	Cultivar and fungicide effects on Pythium leak of snap bean. J.P. DAMICONE (1), J. D. Dominiak-Olson (1), and B.A. Kahn (2), (1) Dept. of Ento. & Plant Path.; (2) Dept. of Hort. & L.A., Oklahoma State Univ., Stillwater, OK 74078.	1:30-1:45	Presence of <i>Xylella fastidiosa</i> in Oklahoma. D.L. SMITH, J. Dominiak-Olson, P. Mulder, and S. vonBroembsen, Dept. Ento. and Plant Path., OK State University, Stillwater, OK, 74078.
10:45-11:00	Effect of the surfactant Affinity™ on the delivery of a biological nematicide, <i>Paecilomyces lilacinus</i> , into the soil profile. J.E. McGehee and K.L. ONG, Department of Plant Pathology and Microbiology, Texas A&M University, TX.	1:45-2:00	Comparative epidemiology of Pierce's disease in grape varieties in Texas. D.N. APPEL, C.P. Torres, Dept. of Plant Pathology and Microbiology, Texas A&M University, College Station, TX 77845.
11:00-11:15	Research and extension activities monitoring the health of the urban forest in New Orleans, LA, two years post-Hurricane Katrina. D. J. COLLINS, Y. Qi, K. Abdollahi, Z. Ning, J. Preuett, F. Namwamba, and A. Johnson, Urban Forestry Program, Southern University College of Agricultural Family and Consumer Sciences, and Southern University Agricultural Research and Extension Center, Baton Rouge, LA 70813.	2:00-2:15	Persistence of Phytophthora blight in the Texas High Plains. R.D. FRENCH-MONAR (1) and T. Isakeit (2), (1)Dept. of Plant Path. & Microbiol, Texas A&M AREC, Amarillo, TX 79106, (2)Dept. of Plant Path. & Microbiol., Texas A&M University, College Station, TX 77843.
11:15- 11:30	Isolates of <i>Fusarium</i> spp. are a potential hazard to dogwood production systems. L. SANTAMARIA and M.T. Mmbaga, Tennessee State University, Otis Floyd Nursery Res. Center, McMinnville, TN 37110.	2:15-2:30	Phytophthora root rot - a new disease of cabbage in Kentucky. K.W. SEEBOLD , E. Dixon, and P. Vincelli, University of Kentucky, Plant Pathology Dept., Lexington, KY 40546.
11:30-11:45	Distribution of <i>Iris yellow spot virus</i> in Georgia. C. NISCHWITZ, R. Gitaitis and S.W. Mullis, University of Georgia, Coastal Plain Experiment Station, Dept. of Plant Pathology, Tifton, GA 31794.	2:30-2:45	Infection of sesame seed by <i>Alternaria tenuissima</i> . J.E. WOODWARD (1), C. Nu (1), R.J. Wright (1), and B.M. Pryor (2), (1) Dept. of Plant & Soil Science, Texas Tech University, Lubbock, TX 79409; (2) Dept of Plant Sciences, University of Arizona, Tucson, AZ 85721.
11:45	<b>Lunch</b> (on your own)	2:45-3:00	Infection of two <i>Ipomoea</i> spp. by <i>Sclerotinia minor</i> . M.A. BATLA (1), J.E. Woodward, P.A. Dotray (1), and T.A. Baughman (2), (1) Dept. of Plant & Soil Science, Texas Tech University, Lubbock, TX 79409; (2) Dept. of Soil & Crop Sciences, Texas A&M University, Vernon, TX 76384.
12:00-1:00	<b>Graduate Student Luncheon</b> (Majestic Boardroom 9), by invitation only	4:00-5:00	<b>SDAPS Business Meeting</b> , Chris Clark, SDAPS President, presiding (City View Room 8)
		6:00-9:00	<b>SDAPS Social (cash bar) and Southern Division deBary Bowl</b> (Press Club)

## SOUTHERN DIV. OFFICERS

### President

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Plant Pathology and Crop Physiology  
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### President Elect

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### Vice President

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### Past President

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### Secretary-Treasurer

Thomas Isakeit  
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TAMU  
Texas A&M University  
College Station, TX 77843-2132  
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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.



# Southern Division

of the American Phytopathological Society

## 85<sup>TH</sup> SDAPS Meeting Registration Form

### February 3-4, 2008

### Dallas, TX

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"**



# Southern Division of the American Phytopathological Society

## Southern Division Ballot for Vice-President

(Ballot must be received by Friday, February 1, 2008.)

**Vote for one:**

**Boyd Padgett** \_\_\_\_\_

**Jason Woodward** \_\_\_\_\_

### Biographical Sketches of the Candidates



**Boyd Padgett** is a Professor of Plant Pathology at Louisiana State University. He has a joint research:extension (40%/60%) appointment and is based at the Macon Ridge Research Station near Winnsboro, Louisiana. His responsibilities include conducting research trials and developing extension programs in cotton, field corn, soybean, and wheat. The research component emphasizes disease management, epidemiology, disease forecasting, fungicide evaluations, and screening crop varieties for genetic resistance to pathogens. The majority of his efforts during the past two years have focused on evaluating and developing management strategies for Asian soybean rust and stripe rust in wheat. He received his Ph.D. in 1992 from Louisiana State University, his M.S. in 1987 from the University of Georgia, and his B.S. in 1984 from Louisiana Tech University.



**Jason Woodward** holds a joint appointment between Texas Tech University in Lubbock, where he is an Assistant Professor of Plant Pathology, and Texas Cooperative Extension, where he is an Extension Specialist, based out of the Texas A&M University Agricultural Research and Extension Center in Lubbock. His responsibilities at Tech include teaching Agricultural Plant Pathology, Advanced Plant Pathology, and a Graduate level course in Plant Disease Management, as well as advising graduate students. Within TCE, he focuses primarily on diseases of peanut and cotton. He received his Ph.D. in Plant Pathology in 2006 from The University of Georgia, his M.S. in Plant Pathology in 2002 from Oklahoma State University, and his B.S. in Biology from Southwestern Oklahoma State University.

**Ballot directions: If you voted electronically, you do not need to send in a ballot.**

Place marked ballot in plain inner envelope. Sign your name in return address area of outer envelope.

**Mail ballot to:** Dr. Thomas Isakeit, SDAPS Secretary, Texas A&M University, Department of Plant Pathology and Microbiology, 2132 TAMU, College Station, TX 77843-2132

**President**

Chris Clark  
Louisiana State Univ.

**President-elect**

Kenny Seebold  
Univ. of Kentucky

**Vice President**

Bob Kemerait  
Univ. of Georgia

**Sec. -Treasurer**

Thomas Isakeit  
Texas A&M

**Councilor**

John Rupe  
Univ. of Arkansas

**Past Pres.**

Craig Rothrock  
Univ. of Arkansas