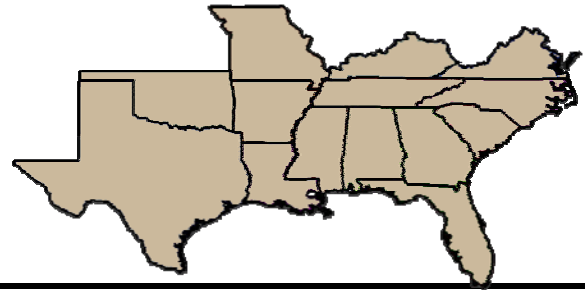


SWSS



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2009 ANNUAL MEETING PLANS FINALIZED

**David Shaw, WSSA Program Chair
Dan Reynolds, SWSS Program Chair**

The program for the joint meeting of WSSA and SWSS is complete, and details are posted on the websites for each organization. All of the special events and symposia are in place and the volunteered papers and posters have been arranged to maximize sharing information throughout the entire week. And particularly because of the location, we have been able to pull together an unusually large number of special events in conjunction with the meeting. Finally, our meeting site's proximity to the Orlando attractions encouraged us to make this a very family-friendly program, with enough open times in the late afternoon to allow you to take advantage of these opportunities.

We need your help! This year we have particularly emphasized posters, and are experimenting with a new format. One of the complaints often heard is that there is not enough opportunity to interact with the poster authors. That, coupled with the need to handle far more volunteered papers than we would normally have, drove us to the decision to try a new approach. This year, rather than having one time for all poster authors to be present for discussion, we are having discussion sessions for the posters arranged topically. Twelve posters will be pulled out of the "poster room" and displayed in one of our breakout rooms for a specific two-hour period. The author will give a five-minute overview of their objectives and major findings, and then an hour is set aside for a discussion period on the thematic area that the group of posters represents. So, take a good look at the program, evaluate the poster breakout sessions that are of interest to you, and come prepared to talk about the specific research as well as the overall topic. We need your help to make these successful. Please plan on attending several of these poster breakout sessions, and actively participating in the discussion sessions associated with them.

(continued on page 2)

(continued from page 1)

We are very pleased to have two excellent keynote speakers at each of our general sessions. Dr. Edward B. Knipling, Administrator, U.S. Department of Agriculture, Agricultural Research Service, will address our Monday afternoon session, and will discuss weed science program developments in the agency. On Thursday afternoon, Chuck Zimmerman of ZimmComm New Media will discuss communications in the 21st Century. We encourage all meeting participants, no matter which society you are with, to attend both of these sessions.

A Few Reminders to Presenters:

All presentations **MUST** be in PowerPoint for MS Windows (PC compatible). MacIntosh/Apple formats will **NOT** be supported. Your presentation must be saved as a PowerPoint show file. **ALL presentations must be prepared and sent to the appropriate section chair at least one week in advance of the meeting so that preloading of the computer can be accomplished.** You can send your presentation to the section chair on a CD-R (**NOT a CD-RW**). **Zip disks will not be accepted.** Presentations also can be sent to the section chair as an email PowerPoint attachment if not too large. Please limit the size of presentations to less than 25 MB. No audio clips or sounds will be allowed. Video clips are discouraged unless absolutely necessary. PowerPoint animation is discouraged. Please contact the section chair **PRIOR** to sending your presentation if you need to use a video clip or have any questions on your file. Limit fonts used in the presentation to basic ones, as not all machines may have the same choice of fonts. Examples of standard fonts are Times New Roman, Arial, Courier, and Tahoma. Section chairs and computer operators are not responsible for changes in fonts, bullets, and other formatting at the time of presentation. Use up-to-date virus protection software to avoid infecting the computers provided by the section chairs.

Section chairs must receive the presentation at least one week in advance of the meeting (**no later**

than January 26, 2009). See the summer issue of the newsletter for contact information for your section chair. You will be able to preview your presentation at the meeting to ensure that the formats/fonts are all as you intended them to be. Please check with your section chair to proof your file. Due to the limited time and equipment, last minute editing is highly discouraged. At the conclusion of the session, the presentations on the laptop will be removed. Submission of files at the time of the presentation or at any other time during the session will **NOT** be allowed.

A Windows PC laptop computer and projector will be provided for each session. Presenters will **NOT** be allowed to use their own computers in the sessions. If possible, computers will be located on the podium in each session. There will also be an infrared remote providing forward and backward control of the PowerPoint presentation in each session.

CONDENSED JOINT MEETING SCHEDULE

49th Annual Meeting of the Weed Science Society of America

62nd Annual Meeting of the Southern Weed Science Society

Saturday, February 7

WSSA Board of Directors

Sunday, February 8

IBG Workshop

WSSA, SWSS Board of Directors

Golf Tournament

Airboat Tour

Monday, February 9

Committee Meetings

Paper Sessions

Symposium: Invasive Plant Web-Accessible Databases & Volunteer Monitoring Program

Biocontrol Field Trip

Epcot: Behind the Seeds Tour

WSSA General Session, Business Meeting, & Awards Presentations

Awards Reception

Tuesday, February 10

Committee Meetings

Symposium: Impact of Usage of Below-Label Herbicide Rates

Poster Sessions
Paper Sessions
Graduate Student Luncheon
Symposium: Plant Pathogens & Biological
Control of Weeds
Florida Citrus Tour

Wednesday, February 11

Committee Meetings
Presidents' Breakfast
Symposium: Emerging Palmer Amaranth
Resistance to Glyphosate
Poster Sessions
Paper Sessions
Symposium: Research Ethics & Mentoring in
Weed Science
Florida Strawberry & Vegetable Tour

Thursday, February 12

Committee Meetings
Symposium: Technology Innovations in
Weed Science Communication
Poster Sessions
Paper Sessions
Symposium: New Directions in Weed
Population & Community Modeling
SWSS General Session, Business Meeting, &
Awards Presentations
Awards Reception
Grad Student Quiz Bowl

Friday, February 13

Poster Sessions
Paper Sessions
Symposium: Non-Herbicide Uses of
Herbicides
Backstage Safari Tour
Cattle Ranch Tour
WSSA, SWSS Board of Directors

Special Events

Lunch/Beverages will not be provided on any tours other than the Golf Event. Participants may bring their own lunches/beverages on the busses.

Golf Tournament-Awards Event – Sunday, February 8

A Golf Tournament is being planned as a kickoff event for the Joint WSSA/SWSS Meeting in Orlando. It will take place on Sunday, February 8th

from approximately 11 a.m. - 6 p.m. Format will be Four-Person-Team-Captain's-Choice. There will be competitions and awards for various team categories including 1) University-Student- Teams (e.g. Texas A&M vs. Auburn, etc.) 2) Companies vs. Companies (e.g. Syngenta vs. BASF, etc). Objectives of the event are to 1) Raise funds for the WSSA and SWSS organizations – proceeds to be split equally. 2) To provide a fun social event for the joint WSSA/SWSS Conference. The event will be held at Disney's Osprey Ridge Course. Cost is \$50 each for students, \$100 each for all other registrants. Fees include transportation, greens fees, cart fees, a pre-round practice, a boxed lunch and all taxes and gratuities. Golf clubs and shoes can be rented on site for additional fees.

Airboat Tour – Sunday, February 8

Florida has some of the most pristine wilderness in the world and much of this territory is aquatic or wetland. Airboats are used to travel to these remote areas to view wildlife — both above and below the water. Boggy Creek Airboat Rides provide an exceptional way to view Florida's wildlife in their natural settings. Bring your cameras and be prepared to see alligators, turkeys, eagles and maybe even snakes! Tours are 45 minutes long and will be accompanied by University of Florida researchers discussing the challenges of invasive exotic weed control in these types of areas. 8:45 a.m. – 11:15 a.m., \$75/person

BioControl Field Trip - Monday, February 9

The Biological Control Committee (W16) is sponsoring a field trip for members of the International Bioherbicide Group and interested WSSA/SWSS delegates on Monday, 9 February, from 9 a.m. to 3:30 p.m. Participants will have an opportunity to visit two biological control implementation sites - one for the aquatic weed hydrilla and the other for the pasture weed tropical soda apple. The cost is \$25 per person to cover bus transportation. The bus will be stopping for lunch (not included) at one of the local restaurants while traveling between sites.

Epcot: Behind the Seeds Tour - Monday, February 9

Venture beyond the boundaries of the Living with The Land boat ride to explore the science behind the scenes in The Land greenhouses and labs. You'll discover fascinating things about hydroponic gardening and fish farming, integrated pest management and biotechnology. You'll be hosted by a member of the Epcot Science Team as you explore innovative, environmentally friendly methods of growing more than 60 different food crops from around the world, including our world record setting tomato trees. 1:00 p.m. – 4:00 p.m. Cost is \$50 per person.

Florida Citrus Tour - Tuesday, February 10

Florida is the largest producer of citrus and has the only research center dedicated to this crop. The Citrus Research and Education Center is part of the Institute of Food and Agricultural Sciences and the University of Florida. Learn about citrus production and the critical issues facing citrus in Florida. Participants will tour a juicing facility and observe the various facets of citrus production including grafting, harvesting and pest management. 1:00 p.m. – 5:00 p.m., \$25 per person.

Florida Strawberry and Vegetable Tour - Wednesday, February 11

Florida is the largest producer of fresh market strawberries and a major producer of winter vegetables and foliage crops. Participants will hear from major strawberry and vegetable growers and visit a U-pick operation where they can sample the goods! 1:00 p.m. – 6:00 p.m., \$25 per person.

Quiz Bowl Thursday – February 12

Students compete in 4-person teams using a scholar's bowl format. The event is fast-paced, and includes questions from a wide variety of topics. While competition is a factor, the main idea is for all society members in attendance to enjoy a time of fellowship in an informal learning atmosphere.

Backstage Safari - Friday, February 13

Take a journey to find out what happens behind-the-scenes at Disney's Animal Kingdom™! During this in-depth program, you'll get an insider's look at conservation, animal nutrition and medicine, animal care and behavioral studies. Highlights include visits to a backstage animal housing area,

the Animal Nutrition Center, the Veterinary hospital, and a special ride on Kilimanjaro Safaris. The majority of this program takes place behind-the-scenes — there may be no opportunity to view animals. Due to its behind-the-scenes nature, participants must be ages 16 and over. 1:00 p.m. – 5:00 p.m. Cost is \$55 per person.

Cattle Ranch Tour- Friday, February 13

Central Florida is untamed and wide open and often the best kept secret in the state. Florida boasts the largest cow-calf operation in the country with over 1.5 million acres of improved and native range. Participants will listen to ranchers discuss their operations and visit a nearby ranch. Tour will be approximately 1 hour long and will be accompanied by University of Florida researchers discussing weed, including invasive species, management techniques. 1:00 p.m. – 6:00 p.m., \$25 per person.

People & Places

Four students from the University of Arkansas were honored during the Awards Banquet and Closing Ceremony of the 5th International Weed Science Congress in Vancouver, Canada. Marites Sales, a CEMB/CSES Ph.D. student received the highest honor, and first ever, Larry Burrill Award for her work on the transcriptome analysis of weedy red rice in response to nitrogen stress. She received a plaque and a \$2,000 travel grant to present an oral paper at the congress. Sanjeev Bangarwa and Vinod Shivrain, Ph.D. students in Weed Science received certificates and \$1,000 travel grants to present posters about their research on methyl bromide alternatives and factors affecting gene flow in the rice-weedy rice agroecology, respectively. Fabiane Lamego, a Ph.D. student from Brazil who conducted part of her dissertation in the Weed Physiology Laboratory of CSES also received a \$1,000 travel grant and certificate for her work on the physiological and molecular basis for resistance of *Bidens subalternans* to ALS inhibitor herbicides. Dr. Jason Norsworthy is Sanjeev's major professor while Dr. Nilda Burgos is the major professor of Marites and Vinod, and co-advised Fabiane while she conducted her research at the University of Arkansas.

POSITION ANNOUNCEMENTS

ASSISTANT PROFESSOR and VEGETABLE SPECIALIST:

University of Delaware Cooperative Extension, 12-month appointment, extension specialist, 70% extension, 30% research. The successful candidate will be classified as a continuing non-tenure track assistant professor. The successful candidate will develop and implement a dynamic extension vegetable program that supports the commercial vegetable industry in Delaware. He/She will develop a comprehensive applied research program capable of delivering non-biased, research-based information to the vegetable industry. He/She will contribute to extension programming in the form of industry newsletter articles, fact sheets, industry workshops, presentations at scientific and grower meetings, providing vegetable expertise and support for county and state extension staff; will maintain and enhance the Delaware vegetable website; and will work with one full time vegetable extension associate and one half time bioresources engineering extension associate.

A Ph.D. required in horticulture or a related field with an emphasis on vegetable production and five years of broad experience in vegetable production extension and research. Ability to work and communicate well with producers and processors in the vegetable industry, academic colleagues and the public; Ability to conduct applied research related to vegetable production in a sustainable and economically viable manner; Excellent verbal and written communication skills with a record of publications; Ability to use technology to deliver information to a variety of audiences. Strong people and leadership skills; Supervisory experience; Skill and experience in grant writing. Applicants should submit a complete curriculum vita, letter of application, and the names and contact information of at least three professional references to:

Dr. Susan Barton (Search Committee Chair)
Department of Plant and Soil Sciences
Townsend Hall
Newark, DE 19716-2170
(302) 831-1375
Email: sbarton@udel.edu

Deadline for receipt of applications is January 5, 2009.

ASSISTANT PROFESSOR OF WEED SCIENCE and EXTENSION SPECIALIST:

Oklahoma State University, 11-month, tenure-track, 100 % extension position. The successful candidate will lead in planning, implementing, and evaluating educational programs to transfer new weed control technologies that support enhanced sustainable agronomic crop production systems, forages, and brush control in Oklahoma to include the usage of genetically enhanced crops. Strong emphasis should be placed on delivering current educational information to county staff, area and state specialists; commodity groups; agri-businesses; agricultural producers; and state and federal agency personnel as necessary. Participation in Weed Science IPM is essential. Provide pesticide certification and certified crop advisory training. Develop an applied extension field research program on weed control of agronomic crops, forages, and brush control for Oklahoma and assist in developing the appropriate decision aids for implementation of Best Management Practices with appropriate concern for environmental quality and ground water protection.

Minimum qualifications include a Ph.D. in Weed Science or closely related field with major emphasis on weed management in row crops and/or small grains. Evidence of ability to communicate orally and in writing and to work effectively with county, area, and state faculty and staff, and agribusiness personnel; ability to develop proposals to seek outside funding for program support; and possess skills regarding the effective use of electronic media in education and communication of technical information. Research/extension programs background and interest in designing and conducting weed control education programs are essential. Evidence of potential for publishing and grantsmanship are desired. Salary and benefits will be competitive with other leading land grant universities and commensurate with training and experience.

Position is available January 1, 2009. The review of applications will begin November 1, 2008, and

(continued on page 6)

(continued from page 5)

continue until a suitable candidate is identified. Send letter of interest, curriculum vita, official transcripts, and arrange for three letters of reference to be sent to:

Dr. David R. Porter
 Department of Plant and Soil Sciences
 Oklahoma State University
 369 Agricultural Hall
 Stillwater, OK 74078
 (405) 744-6130
 Fax: (405) 744-0354
 E-mail: david.r.porter@okstate.edu



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Invasive plants are of major economic and ecological importance on range and wild lands of the United States. However, few studies have assessed the economic or environmental losses caused by invasive plants on these lands.

Invasive Plants of Range and Wildlands, is the only comprehensive literature review focusing extensively on damages caused by invasive plants. This resource will be critical to prioritizing management programs, and will provide a basis for consistent and rational management decisions.

The book provides quick reference to over 750 credible citations documenting impacts associated with 16 important invasive plants in the United States. Each chapter contains information on distribution and rate of spread, eight categories of environmental and economic impacts, and perceived value and use of each plant species.

Edited by: Celestine A. Duncan and Janet K. Clark.
 Authors: Melissa L. Brown, Joseph M. DiTomaso, Celestine A. Duncan, Rodney G. Lym, Kirk C. McDaniel, Mark J. Reetz, Peter H. Rice.
 Steering Committee: John Jochetta, Vanelle Carthens, Mike Foley, Rob Haddberg, Janet Clark.
 Sponsors: Weed Science Society of America, Dow AgroSciences, Center for Invasive Plant Management.
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- Map of physiographic provinces
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- Glossary
- Index of genera by family, index by wildlife species, and index of scientific and common names

James H. Miller is a research ecologist with the USDA Forest Service, Southern Research Station, at Auburn University. Karl V. Miller is an associate professor of wildlife ecology and management at the University of Georgia.

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Poster Contest Worksheet for Judges

SOUTHERN WEED SCIENCE SOCIETY GRADUATE STUDENT POSTER CONTEST – WORKSHEET FOR JUDGES (01/05)					
Contestant's Name:	Poster No.	Exc.	Good	Fair	Poor
1. ABSTRACT		3 POINTS			
Clear statement of Objectives, Materials and Methods, Results and Conclusions					
2. CREATIVITY AND INVENTIVENESS		17 POINTS			
Creativity and imagination in poster development					
Color balance of poster					
Overall appearance of poster and its appeal to the observer					
Use of innovative techniques and ideas to convey results					
3. POSTER DEVELOPMENT		20 POINTS			
Printing on poster easy to read					
Correct spelling and terminology used					
Figures and graphs effectively used to highlight major concepts					
Pertinent information presented on poster					
Overall layout and organizational flow of the poster					
4. JUSTIFICATION, STATEMENT OF OBJECTIVES, ORIGINALITY, AND SCIENTIFIC MERIT		20 POINTS			
Objectives and/or hypothesis stated clearly, concisely, and well defined					
Problem chosen is of scientific merit					
Problem approached in original and creative manner					
5. MATERIALS AND METHODS		20 POINTS			
Materials and methods clearly explained					
Results summarized concisely					
Proper use of statistics and experimental design					
Appropriate and current experimental technique used					
6. RESULTS AND CONCLUSIONS		20 POINTS			
Results summarized concisely					
Conclusions relevant to objectives					
Conclusions supported by results					
Relevance of data to resolution of problem					
Data collected compared to work of others					
Recommendations for future research					
GENERAL COMMENTS:		TOTAL SCORE			
		FINAL RANKING			

Paper Contest Worksheet for Judges

SOUTHERN WEED SCIENCE SOCIETY GRADUATE STUDENT PAPER CONTEST – WORKSHEET FOR JUDGES (01/05)						
Contestant's Name:	Paper No.	Exc.	Good	Fair	Poor	Score
1. ABSTRACT		3 POINTS				
Clear statement of Objectives, Materials and Methods, Results and Conclusions						
2. JUSTIFICATION, STATEMENT OF OBJECTIVES, ORIGINALITY, AND SCIENTIFIC MERIT		20 POINTS				
Objectives and/or hypothesis stated clearly, concisely, and well defined						
Problem chosen is of scientific merit						
Problem approached in original and creative manner						
3. VISUAL AIDS		17 POINTS				
Printing on slides easy to read						
Correct spelling and terminology used						
Slides effectively used to highlight major concepts						
Pertinent essential information presented on slides						
4. VOICE, LANGUAGE, AND PHYSICAL MANNERISMS		20 POINTS				
Speaker confident and enthusiastic about talk						
Effective use of gestures during talk						
Voice inflection evident and effectively used						
Pointer effectively used to guide audience's attention						
Questions repeated to general audience						
Confident and effective response to questions						
5. MATERIALS AND METHODS		20 POINTS				
Materials and methods clearly explained						
Proper use of statistics and experimental design						
Appropriate and current experimental technique used						
6. RESULTS AND CONCLUSIONS		20 POINTS				
Results summarized concisely						
Conclusions relevant to objectives						
Conclusions supported by results						
Relevance of data to resolution of problem						
Data collected compared to work of others						
Recommendations for future research						
Allowed adequate time for questions						
GENERAL COMMENTS:		TOTAL SCORE				
		FINAL RANKING				

SAVE THE DATE!

The joint **Weed Science Society of America & Southern Weed Science Society** conference promises to be the best ever for both societies. Mark your calendars and make plans to attend (with your family!).

DateFebruary 9-12, 2009
Location.....Orlando, Florida
HotelHilton in the Walt Disney World Resort
Deadline for Title Submission.....October 15, 2008

A number of special symposia, educational tours, and informative discussions sessions are being planned that highlight both the local opportunities and the most important issues facing weed scientists.
Discounted Disney tickets available through the hotel - details to follow.

NEWSLETTER SUBMISSION Instructions and Deadlines

<u>ISSUE</u>	<u>DEADLINE</u>
May 2009	April 1, 2009
August 2009	July 1, 2009
December 2009	November 1, 2009

Please send text information as Microsoft Word or WordPerfect files, and pictures as JPEG or BMP files

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