

SWSS NEWS

August 2004, Volume 27 Number 2

News from the Southern Weed Science Society

www.swss.ws

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Put it on the calendar

SWSS Annual Mtg. Jan. 24-26, 2005
Westin Hotel
601 South College
Charlotte, NC 28202
(704-375-2600)

WSSA Annual Mtg. Feb. 7-10, 2005
Sheraton Waikiki
2255 Kalakaua Ave.
Honolulu, HI 96815
(808) 922-4422

People & Places

LeAnna Lyon completed her Ph.D. at Texas Tech University while employed at the Texas Agricultural Experiment Station in Lubbock, TX. LeAnna was co-advised by Wayne Keeling and Peter Dotray. She is currently employed with Monsanto at Monmouth, IL.

Jason Krutz will complete his Ph.D. in August, 2004, from Texas A&M University and has accepted a position with the USDA-ARS in Stoneville, MS. He was advised by Scott Senseman.

Audie Sciumbato will graduate from Texas A&M University in August, 2004, with his Ph.D. He was advised by Scott Senseman. Upon graduation, Audie will be attending law school at St. Mary's in San Antonio, TX.

Brent Besler completed his Ph.D. in May, 2004, at Texas A&M University. Brent's advisor was Scott Senseman. He is currently employed at CropDocs in Lubbock, TX.

From the President

The SWSS Board conducted a strategic planning session this summer and four Strategic Goals were set.

1. **Broaden the vision for the Southern Weed Science Society**
Provide an educational forum for a larger audience interested in plant management, including biologists and ecologists.
2. **Increase Southern Weed Science Society membership to 900 by 2009**
Increased membership is required to make the SWSS a vital and relevant organization.
3. **Build and develop strategic alliances with other plan management organizations**
Increase the breadth of subjects addressed in the society and increase / broaden the membership.
4. **Increase educational opportunity**
Increase the workshops and/or symposia available to membership. Examples are workshops on statistics, analytical techniques, and regulatory issues.

Our business meeting in Charlotte will address this in more detail, allowing input from the membership. On behalf of the Society, please attend the meeting and make your voice heard.

Call for Paper/Poster Titles for 2005 Annual Meeting

INVITATION TO PRESENT A PAPER OR POSTER

You are invited to submit titles for volunteered posters at the 2005 annual meeting of the Southern Weed Science Society on January 24-26, 2005. Posters may be submitted to one of the following sections for grouping purposes:

1. Agronomic Crops
2. Turf
3. Pastures and Rangeland
4. Horticultural Crops
5. Forest Vegetation Management
6. Utilities, Railroads, Highway Rights-of-Way, Industrial
7. Physiological and Biological Aspects
8. Educational Aspects
9. Regulatory Aspects
10. Invasive Species
11. New Technologies
12. Soil and Environmental Aspects

In 2005, the paper sessions are being reformatted into a more symposium format in thematic topics, and encourage discussions on these topics. Many of the presentations will be longer than the normal 15-minute blocks, and periods for discussion will be liberally interspersed in the sessions. Section chairs are:

Agronomic Crops	David Jordan david_jordan@ncsu.edu
Turf	Clint Waltz cwaltz@uga.edu
Horticultural Crops	Andrew Bennett Bennett@ufl.edu
Forest Vegetation Management	David Stevens david-forrest.stevens-IV-1@usa.dupont.com
Rights-of-Way and Industrial Sites	Greg MacDonald gmac@mail.ifas.ufl.edu
Physiology, Biology, & Ecology	Todd Baughman ta-baughman@tamu.edu
Invasive Species	John Byrd jbyrd@pss.msstate.edu

Developing Technologies	Trey Koger ckoger@ars.usda.gov
Education & Extension	David Lanclos dlanclos@agctr.lsu.edu
Soil & Environmental Aspects	Cade Smith csmith@pss.msstate.edu
Posters	Robert Scott bscott@uaex.edu
Pasture & Rangeland	Case Medlin mcase@okstate.edu
Regulatory	James Holloway james.holloway@syngenta.com

Members are encouraged to contact section chairs with topics for sessions, and to suggest (or volunteer as) speakers for these sessions.

Graduate students, regardless of whether or not they enter the paper contest, will be allowed to submit an oral presentation or poster title, just as in the past. A special graduate student oral presentation session is planned, so that we can highlight the work of our graduate students.

SUBMISSION OF TITLES

Title submissions for 2005 will be via the SWSS website (<http://www.swss.ws>). The "Title Submission Form" and instructions for submission are on the website and are due September 1, 2004. Program and instructions for abstracts will be sent to the presenter in November.

Graduate students will follow the same procedures as in the past. Indicate "graduate student" on the title submission form, and you will be allowed to choose either paper or poster sessions for submission.

For non-student members, oral presentation sessions will focus on thematic topics, with speakers and topics organized by the section chairs. The SWSS website will have a separate section for title submission for the oral presentations. Section chairs will provide a password to the speakers in these sessions so that they can submit titles for these invited, topical sessions.

PRESENTATION OF PAPERS

ONLY LCD PRESENTATIONS WILL BE USED AT THE 2005 SWSS MEETING

To ensure quality presentations and a smooth transition from presentation to presentation, all presenters will be required to follow the directions provided below, and by the section chair.

1. All presentations must be in PowerPoint 2000 for MS Windows (PC compatible).
2. MacIntosh/Apple formats will not be supported.
3. The presentation size should be 25 MB or less. Audio clips or sound are not allowed. Limit fonts used in the presentation to basic ones such as Times, Arial, Courier, or similar equivalents. Not all computers used at the meeting will support all fonts.
4. Video clips are discouraged. Contact the section chair before the meeting if you plan to use a video clip.
5. Presentations must be presented to the section chair on a CD-R (not a CD-RW). Presenters for Monday afternoon sessions MUST have their presentation to the section chair prior to 9:00 a.m. January 24 for loading. Presentations for the remainder of the meeting must be presented to the section chair by 4:00 p.m. the day prior to the presentation being given. All editing of the presentation should be completed prior to submission.
6. Presenters will not be allowed to use their own computers in the sessions.
7. More details will be provided in December as to the location for submitting the presentation to the section chair.

POSTER PRESENTATIONS

No substantive changes have been made in the rules for poster presentations at the 2005 conference. More information will be provided in the next newsletter, or you can go to the MOP section of the SWSS website(<http://www.swss.ws>).

STUDENT INFORMATION

Students may enter the “Student Paper Contest” and “Student Poster Contest” only one time during each degree program. Students may not enter both the paper and poster contest in the same year. Rules for the contest are posted on the SWSS website (<http://www.swss.ws>), in the Manual of Operating Procedures section. (PLEASE NOTE, REVISIONS HAVE BEEN MADE TO THE RULES; STUDENTS AND ADVISORS SHOULD REVIEW THESE CHANGES CAREFULLY).

Specific questions regarding the student contests should be directed to:

Todd A. Baughman
Texas A&M Research and Extension Center
P.O. Box 2159
Vernon, TX 76385
940/552-9941 (voice)
940/553-4657 (fax)
ta-baughman@tamu.edu

(See judges worksheets in subsequent pages of this newsletter. AGAIN, NOTE CHANGES MADE IN THE WORKSHEETS THIS YEAR).

If you have specific questions pertaining to submitting titles for the 2005 meeting, contact:

David R. Shaw
GeoResources Institute
Mississippi State University
Box 9652
Mississippi State, MS 39762
662/325-9575 (voice)
662/325-9758 (fax)
dshaw@gri.msstate.edu

**SOUTHERN WEED SCIENCE SOCIETY GRADUATE STUDENT PAPER CONTEST
WORKSHEET FOR JUDGES**

Contestant's Name:		Paper #:	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							
7. 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:		FINAL RANKING					

**SOUTHERN WEED SCIENCE SOCIETY GRADUATE STUDENT POSTER CONTEST
WORKSHEET FOR JUDGES**

Contestant's Name:		Poster #:	Exc.	Good	Fair	Poor	Score
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							
The 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							
6. 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							
7. 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:		FINAL RANKING					

Call for Officer and Award Nominations

Nominations Requested

This is a request to all SWSS members to supply the nomination committee with names of individuals to serve on the Board of Directors. Nominations are needed for Vice President, Secretary-Treasurer, CAST representative, and WSSA representative. Although not an elected office of SWSS, the Newsletter Editor position will be available. All SWSS members are eligible to serve as an officer. Please take time to nominate people for these important positions. The description of each position is listed on the SWSS website (www.swss.ws). Send your nominations for the various officers to: William W. Witt, 411 Plant Science Bldg, 1405 Veterans Drive, Lexington KY 40546-0312 or email at wwitt@uky.edu.

SWSS Awards

Each year the SWSS recognizes excellence by members with several awards. Our Society has numerous people that should be recognized for their efforts and expertise. The awards are:

Distinguished Service Award, Industry
Distinguished Service Award, Academia
Weed Scientist of the Year
Outstanding Educator
Outstanding Young Weed Scientist, Industry
Outstanding Young Weed Scientist, Academia
Outstanding Graduate Student, M. S.
Outstanding Graduate Student, Ph. D

Contact W. W. Witt if you have questions
859-257-5020 Ext 80745 or wwitt@uky.edu

Qualifications and nominations forms are located on the SWSS website (www.swss.ws).

Award Nominations are due September 30, 2004 to the respective Chairs of each Award Sub-committee.

The SWSS Newsletter will be published in electronic format only starting with December Newsletter. Emails via SWSS list-serve will announce each newsletter's publication on the SWSS website.

WSSA UNDERGRADUATE RESEARCH AWARD – 2005

The Weed Science Society of America has developed an Undergraduate Student Research Grant designed to encourage and involve exceptional undergraduates in agricultural research. Interested faculty members are encouraged to identify potential award candidates and discuss the possibility of sponsoring a research project. Awards may be used as a stipend, for research budget expenses (travel, supplies, etc.), to defer fees, to defray living expenses for summer research, or any combination of these items.

AWARD: Up to \$1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2005. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

APPLICANT: The applicant is an undergraduate student with a strong interest in Weed Science. Students majoring in all related disciplines may apply.

TO APPLY: Applicants should prepare a 2-3 page research proposal including name, address, phone number, title, objective, experimental approach, discussion, budget and references. The discussion section of the proposal should describe the expected results and their possible significance to Weed Science. The student should provide a cover letter in which general academic and career goals are discussed. A copy of the student's academic transcripts should also be provided.

FACULTY SPONSOR: Any faculty member who is actively engaged in Weed Science research is qualified to be a sponsor. The faculty sponsor should review the research proposal with special attention to the budget; the distribution of funds should be approved by both the student and sponsor. In addition, the sponsor should provide a letter of reference including a statement of his/her willingness to supervise the proposed research and to provide needed space, equipment and supplies above those requested in the proposal. The sponsor is encouraged to assist the student in presenting his/her results at a regional Weed Science Meeting.

HOW TO APPLY: The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: jjjachetta@dow.com. Proposals should be received no later than November 15, 2004. Funding decisions will be made by January 22, 2005 and presented at the 2005 WSSA National Meeting General Session.

Times Are Changingby John Byrd.

The Board of Directors of the Southern Weed Science Society will bring before the membership a vote to change the time of the annual meeting from January to October at the 2005 Annual Meeting in Charlotte.

I've got SWSS Proceedings back to 1958. All show a January meeting date on the cover. "Why?" you may ask, "should the meeting time be changed?" "We've always met in January." "We don't need to change." Some may argue the lack of yield data will detract from the value of scientific presentations. Or, an October meeting time will interfere with harvest activities some years.

Well, you may be right. But, there has been concern over declining membership the last 10 years as Annual Meeting attendance and membership has been in a downward tailspin. At the current rate of decline, in not too many more years, SWSS membership will be around 100. Something has to be done to reverse this trend if the organization is to survive and continue to offer the number of outstanding educational activities currently offered.

Perhaps moving the meeting further away from the Beltwide Cotton Conference will eliminate the argument about hearing the same presentation again at SWSS as a reason for not attending. In addition, moving the Annual Meeting to the fall will also make travel to SWSS meeting sites less of a problem due to snow and freezing rain.

We all realize there are fewer chemical companies and fewer chemical company employees today than when Gene Wills was a graduate student a century ago. But, perhaps moving the meeting time will give SWSS an opportunity to attract potential members that do not currently attend the Annual Meeting. There are numerous individuals involved with weed control professions that do not attend the meeting or realize what SWSS offers. SWSS is THE source of weed information in the southern United States. I can't understand why anyone involved with weed management would not attend. Maybe, they've got all the answers to those weed management questions.

Biotechnology has reduced the need for new herbicide discovery in the row crop market. But, there are still needs for new herbicides in other markets. We must expand the mind-set that weed control is only for row crops. We all should actively recruit members to build membership. If SWSS can gain additional members by moving the meeting date, in my opinion, it should be moved. Do I or any other Board members have a crystal ball that guarantees success if the dates are moved? NO. I'd speculate if any of us had that predictive prowess, we'd probably be earning significantly higher salaries trading stocks, playing the ponies, shooting craps, and/or giving weather forecasts.

In the 1940's, John Deere (and probably other tractor manufacturers) believed it was impossible to utilize more than 50 horsepower in a tractor with rubber tires. The general thought was that the only way to use that much power in a tractor was with metal tracks or steel wheels. John Deere engineers eventually fitted a General Motors 100 horsepower engine in a rubber-tired LA Case tractor and discovered the additional horsepower could be used with rubber tires to pull larger implements. Let's not be afraid to try something unknown.

Most importantly, let the SWSS Officers and Board of Directors know your opinion. Call, email, or better yet, attend the general business meeting, and voice your opinion on the time change and other changes being implemented. Silence is usually interpreted as agreement. Make sure OUR organization is changing in the direction you believe will best serve our needs in the future.

John Byrd
Extension/Research Professor of Weed Science
Department of Plant & Soil Sciences
Mississippi State University
Voice 662-325-4537
jbyrd@pss.msstate.edu

2004 Student Award Winners

Poster Section 1



**1st Place – Luis Avila
Texas A&M University**



**2nd Place – Zach Braden
Texas Tech University**



**2nd Place – Michael Marshall
University of Kentucky**

Poster Section 2



**1st Place – Cody Gray
Mississippi State University**



**2nd Place – Matt Kirkpatrick
Mississippi State University**

Send newsletter inputs to the Editor at tmueller@utk.edu before Oct. 1, 2004 for inclusion in the December Newsletter. Remember that the December issue will be available only on the SWSS website (www.swss.ws).

2004 Student Award Winners

Agronomic Crops



**1st Place – Robert Parker
North Carolina State University**



**2nd Place - LeAnna Lyon
Texas Tech University**

Combined Paper Section



**1st Place – Thomas Barber
Mississippi State University**

No Picture Available

**2nd Place – Wilson Faircloth
Auburn University**

2004 Student Award Winners

Section VII. Physiology & Biological Aspects of Weed Control



1st Place – Jason Bond
University of Arkansas



2nd Place – Nathan Buehring
Mississippi State University

Position Available: Graduate Research Assistant, University of Georgia. The M.S. or Ph.D. student would conduct research in an area related to weed management in either cool- or warm-season turf grasses. Potential research areas include herbicide physiology, environmental fate of herbicides, problem weed management, weed biology and weed interference. Excellent facilities are available for field, laboratory and greenhouse research. The student's time will be divided between the UGA-Athens and UGA-Griffin campuses. Travel to other locations in the state will also be required. Contact: William Vencill (wvencill@uga.edu) or Tim Murphy (tmurphy@uga.edu) for more details.

Order Form for SWSS Publications

Instructions

Mark the publication(s) you want to purchase on the order form at right.

Payment may be made by check, credit card, or purchase order.

FAX or Mail your order to:

Southern Weed Science Society
1508 West University Avenue
Champaign, IL 61821-3133

1-217-352-4212 (voice)

1-217-352-4241 (FAX)

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217-352-4241**

Name of Publication	Qty	Price (ea)	Total
Sets of Weed ID Guide #1		\$10.00	
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Sets of Weed ID Guide #3		\$10.00	
Sets of Weed ID Guide #4		\$10.00	
Sets of Weed ID Guide #5		\$10.00	
Sets of Weed ID Guide #6		\$10.00	
Sets of Weed ID Guide #7		\$10.00	
Weed ID Binder		\$ 7.00	
Complete Weed ID Guide Set (#1 thru #7 and Binder)		\$39.95	
Research Methods in Weed Science		\$30.00	
Standard Methods for Forest Herbicide Research		\$15.00	
Forest Plants of the Southeast-Book		\$55.00	
Forest Plants of the Southeast-CD-ROM		\$50.00	
Weeds of the U.S. & Canada CD-ROM (version 2.1)*		\$69.95	
Weeds of the U.S. & Canada Upgrade from version 1.0 CD		\$49.95	
Weeds of the U.S. & Canada Upgrade from version 2.0 CD		\$15.00	
Shipping/Handling		\$5.00	

Grand Total \$ _____

All payments must be in U. S. Dollars.

Quantity Discounts: *Save 10% on orders of 2 or more copies of the Weeds of the United States CD-ROM

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