



# SWSS

Southern Weed Science Society

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## President's Message

DAVID SHAW



The 2005 SWSS annual conference is history now, and I think we made history with a great conference, and a lot of changes. After a lot of discussion, a lot of debate, and a lot of planning, the new format seemed to work very well in most everyone's opinion. The section chairs did an outstanding job of organizing symposia with invited speakers on a wide range of topics. Comments that I received were very favorable for the focus on symposia with invited speakers, for more discussion periods with each symposium, and for the expansion of the poster section to include all volunteered titles. I also liked the announcement of award winners the first day of the conference so that we could all have the chance to congratulate these worthy recipients during the remainder of the meeting.

I have to thank several individuals and groups for their key roles in making the conference work. Randy Ratliff, David Jordan and the entire Local Arrangements Committee did a spectacular job in meeting the needs of the program – especially since so many new ideas were being tried. The Program Committee did an outstanding job in organizing and running the various symposia, and seemed to really meet the challenge effectively in choosing topics that were of high interest to everyone in the society. I can't help but thank Todd Baughman; he stepped in for a second year as chair of the Graduate Student Contest Committee, and that group did its typical fine job in running the oral and poster contests. I'd also like to single out Monsanto and Syngenta; thanks for supporting the poster session mixers on Monday and Tuesday evening. Both of these events were extremely well-received and well-attended by nearly everyone in attendance, and the feedback that I received was unanimous in favor of continuing this event.

Several of you gave me feedback on changes you'd like to see in the future conferences. In particular, several commented that you really liked the timing of the poster sessions and the mixer, but that we needed to separate the two slightly so that members have a time set aside to talk with poster authors before the mixer begins. I've provided all the suggestions to Jackie Driver, next year's program chair, and she'll take these into consideration as she puts the program together. If you have other ideas, please don't hesitate to contact Jackie so that she can continue to build on the success of this year's conference.

During the business meeting, one of the hottest topics was whether to move the date that our conference takes place. A number of different ideas were thrown out, and

*(continued on page 2)*

## PRESIDENT'S MESSAGE *continued from page 1*

a lot of discussion, pro and con, occurred on each one. After over an hour of discussion, the majority of those attending voted to move the conference to a different time of year (with no specific time identified). In our Thursday morning board meeting, we settled on four target dates as prospects: late-July/early-August, the latter part of Labor Day week in September, the first week of November, or late in the week of Martin Luther King holiday (a week earlier than we now meet). After extensive discussion, the board decided that no one date had sufficient advantage over the current meeting date, and voted for the SWSS annual conference to remain the fourth week of January. The primary objection to the summer timing was that it conflicted with field work and family vacations too much; the early-September date conflicted with harvest; the early-November date conflicted with too many company meetings; and the mid-January date did not provide sufficient advantage to warrant overlapping with a holiday for travel purposes.

One of the ways that organizations can remain effective is to continually ensure that its leadership is representative of the membership. The SWSS has looked at components of this from time to time, and in the relatively recent past has added an ex officio member to the board from the Forestry section, and also a graduate student representative. However, we have not ever done a

comprehensive assessment of our board structure to my knowledge. Therefore, I've asked the Long-Range Planning Committee to examine this and bring recommendations to me prior to the summer board meeting.

This past year was the second in a row that the SWSS has run a deficit in spending. The Finance Committee carefully examined this, and brought two recommendations to the board. First, the board approved dropping the room reimbursement for graduate students at the annual conference. The board is strongly supportive of the great graduate program that we have, and wants to see us continue to build the SWSS Endowment Fund so that it can eventually support the graduate student rooms. However, this will not occur in the foreseeable future, and we felt that we had no choice but to make some difficult cuts in spending. Second, after evaluating the income and expenses from the annual conference, we decided to increase the registration fee for the 2006 conference to \$195, plus the cost of the banquet. Based on 2005 prices, this means the total registration fee in 2006 would be \$255. Based on cost comparisons to other societies, we felt that SWSS was still a very good price, especially since membership dues are rolled into the registration fee.

I hope all of you have a productive summer, and look forward to working as your president this coming year.

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## EPA Clarifies Pesticide Permit Rules

Is the application of a pesticide in a forestry setting a point source or non point source pollutant? The Federal Code of Regulations (40 C.F.R.-122.27) seems to provide a clear answer to that question: "Silvicultural point source means any discernible, confined, and discrete conveyance related to rock crushing, gravel washing, log sorting, or log storage facilities which are operated in connection with silvicultural activities and from which pollutants are discharged into waters of the United States."

However, a handful of legal challenges have in recent years cast some doubt on whether certain applications of pesticides, including herbicides

and other chemicals, are indeed non-point sources. The resolution of the issue is important to forest managers because, if pesticide application is defined as a point source, then they are required to obtain National Pollutant Discharge Elimination System (NPDES) permit, as defined under the Clean Water Act (CWA). This process takes considerable time, effort, and money and can delay time-sensitive projects.

To help resolve the issue, the Environmental Protection Agency (EPA) in January issued an interpretive statement and proposed rule for the application of pesticides. A notice in the Federal Register reads, in part, "EPA has determined that the applica-

tion of a pesticide to waters of the United States consistent with all relevant requirements of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) does not constitute the discharge of a pollutant that requires a (NPDES) permit under the (CWA)."

However, until a court settles the issue once and for all, EPA's Jordan recommends strict adherence to pesticide application procedures. FOLLOW THE LABEL!!! Generally State forest practices acts are much more strict than even the federal regulations.

All the above information was recently printed in *The Forestry Source*.

# PEOPLE & PLACES

**Michael Marshall** recently completed his Ph.D. degree in Crop Science (Weed Science) at the University of Kentucky under the direction of J. D. Green and W. W. Witt. His dissertation topic — “Biology and Carbohydrate Fluctuations in Trumpetcreeper and Its Control in No-Till and Minimum Tillage Systems.”

\* \* \* \* \*

**John O’Barr** completed requirements for a PhD under the direction of Dr. Mike Chandler at Texas A&M University. John is currently a Field Research Biologist for BASF in Pasco, WA, and his territory covers Washington, Oregon, Idaho, and Montana.

\* \* \* \* \*

**Brian Ottis** (PhD ’05, University of Arkansas under Ron Talbert) has taken a job with the University of Missouri as agronomist for Rice Production Systems. Brian is headquartered at the Delta Research Center at Portageville.

\* \* \* \* \*

**Darren Robinson**, Associate Professor in the Department of Plant Sciences at the University of Tennessee was presented the Extension Communication Award by the Southern Region of The American Society of Horticultural Science for his publication entitled “Weed Management in Annual, Perennial and Herbaceous Ground Covers: Nursery Production and Professional Landscape Maintenance.” Co-authors on the publication include Donna Fare (USDA-ARS) and Mark Halcomb (UT).

\* \* \* \* \*

**Daniel Stephensen** (PhD ’04, University of Arkansas under Dick Oliver) accepted the position of Research Assistant Professor at the Northeast Research and Extension Center at Keiser, AR. Daniel will be developing integrated research programs for agronomic crops with emphasis on cotton.

\* \* \* \* \*

## Floyd Trammell Elected to Land O’Lakes Board

March 8, 2005 (*Arden Hills, Minn.*) – Floyd Trammell, of Greenville, Miss., was recently elected to a four-year term on the Land O’Lakes, Inc. Board of Directors. Trammell is the general manager of Farmers Inc., a locally owned cooperative in the Mississippi Delta.

Trammell also serves as Board vice president for the Mississippi Council of Cooperatives and the Mississippi Propane Gas Association.

He received a Bachelor’s degree in Agronomy and a Master’s degree in Interdisciplinary Pest Management from Mississippi State University. Trammell is a licensed, certified crop advisor, crop consultant and commercial applicator.

Trammell and his wife have two children.

Land O’Lakes, Inc. ([www.lando.lakesinc.com](http://www.lando.lakesinc.com)) is a national farmer-owned food and agricultural cooperative with annual sales of more than \$7 billion. Land O’Lakes does business in all 50 states and more than 50 countries. It is a leading marketer of a full line of dairy-based consumer, food-service and food ingredient products across the United States; serves its international customers with a variety of food and animal feed ingredients; and provides farmers and ranchers with an extensive line of agricultural supplies (feed, seed, crop nutrients and crop protection products) and services.

## For more information:

Lydia Botham: 651-481-2123  
David Karpinski: 651-481-2360

\* \* \* \* \*

**Eric Walker** (PhD ’04, University of Arkansas under Dick Oliver) is a Research Agronomist with USDA ARS in Jackson, Tennessee. His work is aimed at improving soybean management systems to optimize disease control and increase soybean profitability.

## Forest Plants of the Southeast and Their Wildlife Uses Available

SWSS in cooperation with The University of Georgia Press has published the Revised 2nd Edition of *Forest Plants of the Southeast and Their Wildlife Uses* authored and photographed by James H. Miller, USDA Forest Service R&D with valuable wildlife insights by Dr. Karl V. Miller, The University of Georgia. The most recent nomenclature for scientific and common names has been incorporated to improve the use for classroom instruction. The book is available at [UGAPress.com](http://UGAPress.com) for \$34.95 and will be available in regional bookstores in the future. The original CD-version with high resolution images for viewing, publications, and projection is still available through SWSS for \$50, contact Bob Schmidt at 217-352-4212 or [raschwssa@aol.com](mailto:raschwssa@aol.com)

### NEWSLETTER SUBMISSION Instructions and Deadlines

ISSUE	DEADLINE
August . . . . .	July 1, 2005
December . . . . .	November 1, 2005

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

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# Making Headway Against Invasive Species on the Hill

## NIWAW VI PROVES A HUGE SUCCESS

WASHINGTON, D.C. – March 17, 2005 – Last week constituents representing more than 50 percent of U.S. states gathered to advance efforts toward protecting native ecosystems through awareness, education and control of invasive plant species. More than 150 participants, including representatives of government agencies, non-profits, private industry and landowners, spent the week lobbying state legislators and attending briefings from federal agencies including the United States Department of Agriculture, Department of the Interior and Army Corps of Engineers.

Through a partnership between the Invasive Species Council and the National Geographic Society, NIWAW participants also enjoyed an early screening of the first in a new TV series titled *Strange Days on Planet Earth*. The first show will air on PBS, April 20 and investigates the ecological and economic damages triggered by invasive species infestations. NIWAW attendants hope this video will create additional awareness of the growing impact of invasive weed species nationwide.

Other highlights from the week included a series of presentations from regional success stories spotlighting exemplary use of resources, collaboration and community outreach to help reduce the impact of invasive weeds. These presentations were sponsored by FICMNEW, the Federal Interagency Committee for the Management of Noxious and Exotic Weeds.

An awards reception took place at the United States Botanic Garden, sponsored by FICMNEW, the National Fish and Wildlife Foundation, and the Botanic Garden. Entertainment was provided by the Blues Rangers, a group of talented U.S. Forest Service musicians, whose lyrics foster awareness of invasive plants.

Six organizations and people were honored at this year's event:

Gary Johnston, National Park Service (NPS) received a FICMNEW award in recognition of his outstanding work in the area of invasive plant management. Johnston has served the NPS for 25 years. As a FICMNEW co-chair for four years, responsible for operations, he played a principal

role in the development of the Pulling Together Initiative for invasive plants and the conceptualization of the Early Detection and Rapid Response System for managing invasive plants in the U.S.

Gina Ramos, Bureau of Land Management (BLM), also received a FICMNEW award. Ramos has advised the BLM Washington D.C. office as a weed management specialist for more than four years. Also serving as a FICMNEW co-chair, she has helped implement numerous FICMNEW programs, including work-planning retreats, Weeds Across Borders conferences and the Early Detection and Rapid Response System.

Both Johnston and Ramos are active leaders in the Invasive Weeds Awareness Coalition (IWAC) and the National Fish and Wildlife Foundation's Pulling Together Initiative steering committee. Due to their consistent efforts and contributions, they continue to ensure NIWAW's success year after year.

Rob Hedberg, Weed Science Society of America (WSSA), received the Invasive Weeds Awareness Coalition (IWAC) award for his superior work in generating awareness and education related to invasive plant management. As Director of Science Policy at WSSA, Rob's leadership has promoted collaboration and ongoing research among scientific and weed management communities nationwide. Chairing IWAC, Rob was the driving force behind the coordination and subsequent success of NIWAW VI. He also co-organized one of the most successful invasive species conferences, "Invasive Plants in Natural and Managed Systems – Linking Science and Management," in 2004, which attracted more than 800 participants, Rob continues to demonstrate



*The awardees pictured are (L-R): Dale Bosworth, Chief of the USDA Forest Service; Rob Hedberg, Weed Science Society of America; Gary Johnston, National Park Service; Gina Ramos, Bureau of Land Management; Bonnie Harper-Lore, Department of Transportation; and Kimberly Flowers of the City of Baltimore.*

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## NIWAW PROVES SUCCESS

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a strong commitment to invasive plant issues worldwide.

Dale Bosworth, USDA, Forest Service, received the joint FICMNEW-IWAC award in recognition of his leadership supporting invasive plant management in the U.S. Bosworth is the 15th chief of the forest service and has been there nearly his entire life. Under his leadership, the Forest Service has elevated the invasive species issue to one of the top four issues threatening American terrestrial and aquatic ecosystems. Bosworth spearheaded the completion of the National Strategy and Implementation Plan for Invasive Species Management, which raised

the national standard for invasive species management. He has also been an active supporter of FICMNEW, IWAC and other invasive species management groups.

The City of Baltimore received the Community Spirit Award by the National Fish and Wildlife Foundation and FICMNEW for its exceptional work in vegetation management. The city has made remarkable efforts to grow cooperation and partnerships in the area of invasive plant management through its Pulling Together Initiative Grant Program. Kimberley Flowers of the Department of Recreation and Parks accepted the award on behalf of the city of Baltimore.

Bonnie Harper-Lore, Department of Transportation, received the North

American Weed Management Association (NAWMA) award in recognition of her work implementing the Weeds Across Borders program. With a strong commitment to Integrated Roadside Vegetation Management, Harper-Lore's leadership has been instrumental in the successful execution of Weeds Across Borders, a campaign to create collaboration among countries bordering North America.

In addition to the special awards at NIWAW VI, the entire week served as a memorial to the late John Taylor. As a senior wildlife biologist at Bosque del Apache National Wildlife Refuge (NWR) in New Mexico, Taylor worked more than 18 years to remove saltcedar throughout the state. Taylor passed away last September.



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## == New release! ==

This award winning DVD-ROM includes:

- 447 weed species with descriptions and maps
- interactive identification key to all weeds in the program
- extensive interactive educational lessons, quizzes, and games on the principles of plant identification
- illustrated glossary of 565 botanical terms, and
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<http://www.thundersnow.com/weedid.htm>

Remittance to accompany order. Send your order to the Southern Weed Science Society (SWSS), 1508 West University Avenue, Champaign, IL 61821-3133. For credit card or purchase order, telephone (217) 352-4212.

# WASHINGTON REPORT

by Rob Hedberg, Director of Science Policy

## PRESIDENT'S BUDGET PROPOSAL

President Bush released the proposed Federal Budget for Fiscal Year (FY) 2006 on February 7 and plans for significant changes in the CSREES budget have sent shock waves through ag-academia. The proposed budget is \$143 million (12%) below estimated FY 2005 expenditures of \$1,184 million. These numbers represent a \$38 million increase in specific CSREES programs and the elimination of \$181 million in Congressional earmarks. Keep in mind, the President proposes funding levels but Congress dispenses them. There has already been an outcry from across the country and you can be assured that many of the earmarks eliminated in the President's budget will be restored before the agricultural appropriations process is complete.

The key highlights are:

- The National Research Initiative (NRI) was increased from \$180 million in FY2005 to \$250 million in FY2006 and its cap on indirect costs will also be eliminated to put the NRI on par with other Federal competitive grant programs.
- A new \$75 million competitive grants program for the State Agricultural Experiment Stations (SAES) was created.
- Among the Formula Fund Programs, the Hatch Act and McIntire Stennis programs were cut by 50% (\$90 million and \$11 million respectively); the Animal Health and Disease Programs were eliminated (\$5 million) and the Evans-Allen Programs increased slightly.
- The 406 programs (\$42 million in Water quality, Food Safety, Regional Pest Management Centers, Crops at Risk, FQPA Risk Mitigation,

Methyl Bromide and Organic Transition) were redirected into the NRI and new SAES competitive grants program.

- The following sources provide specific details on the proposed budget:  
<http://www.csrees.usda.gov/about/offices/budget.html>  
<http://www.usda.gov/agency/obpa/Budget-Summary/2006/FY06budsum.pdf>  
<http://www.csrees.usda.gov/newsroom/newsletters/update05/021105.html>

In response to the proposed changes the Western Society of Weed Science approved a resolution at their recent annual meeting that concludes with the statement, "be it resolved, that the Western Society of Weed Science supports funding for the Hatch, McIntire-Stennis and Animal Health and Disease Programs at not less than their FY2005 levels." Copies of the complete resolution will be posted on the WSWS website (<http://www.wsweedscience.org/>). Although the appropriations negotiations will be ongoing through the summer, key dates for contacting your congressional representatives are before April 8 for Congressmen and April 15 for Senators.

## NIWAW VI

The sixth National Invasive Weed Awareness Week was held February 27 through March 4 in Washington, DC and judging by the comments received it was a real success. This year 160 people from 35 states and two countries registered for the event, keeping up the steady 20% growth in attendance we have seen every year. What was initiated in 2000 as a relatively small gathering of weed folks

from across the country has now grown into a significant annual meeting on many people's calendars. In addition to providing attendees a great opportunity to meet with their congressional delegations and the leaders of many federal agencies, it has also turned into a great opportunity for interaction between a wide variety of public and private organizations that are concerned about weeds. I am certain that this interaction will be invaluable as we look for ways to improve communication, coordination, research and weed management. Now, after several years as the chair of the NIWAW organizing committee I am pleased to pass the helm to Dr. Nelroy Jackson who has been a stalwart contributor from the outset and will certainly do an excellent job leading this activity in further growth.

## WSSA PUBLISHES NEW BOOK ON WEED IMPACTS

Copies of a new book published by WSSA, "*Invasive Plants of Range and Wildlands and Their Environmental, Economic and Societal Impacts*" rolled off the press just in time for the annual meeting in Honolulu. By design, and good fortune, the timing coincided perfectly with the symposium on Economic and Environmental Losses Due to Weeds that was held during the meetings. Together the book and symposium were developed to help document what we currently know about losses due to weeds and to set the stage for further work that will help improve weed management decisions and weed management policies. This information has been identified as a high priority need among many federal agencies working on weed issues.

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## WASHINGTON REPORT

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Many people contributed to this book that was edited by Celestine L. Duncan and Janet K. Clark and supported with a generous grant by DowAgro Sciences and all deserve a warm thank you from the society for helping to produce and promote this timely new book. Copies of the book are \$20 each and can be ordered through the WSSA website:

<http://www.wssa.net/>

## ECONOMIC RESEARCH SERVICE INVASIVE SPECIES RFA

The USDA Economic Research Service has released a call for applications to the third year of their "Program of Research on the Economics of Invasive Species Management" (PREISM). The deadline for applications is April 29, 2005. Details of the PREISM program can be found at:

<http://www.ers.usda.gov/Briefing/InvasiveSpecies/#Feature>.

## NEW RULES PROPOSED FOR IMPORTATION OF NURSERY STOCK

USDA- APHIS announced extension of the comment period for their advance notice of proposed rulemaking in order to solicit public comment on whether to/how to amend the regulations that govern the importation of nursery stock. The closing date for comments is now April 11, 2005. In a nutshell, the proposed changes would treat nursery stock more like imported fruit and vegetables which must be approved for importation in contrast to the current regulations that can only deny entry to prohibited items. Details on the proposed changes can be found at:

<http://docket.epa.gov/edkfed/do/EDKStaffCollectionDetailView?objectId=0b0007d4804fb613>

and instructions for submitting comments under the extension can be

found at:

<http://www.regulations.gov/fredpdfs/05-04705.pdf>

## NATIONAL GEOGRAPHIC AND PBS TEAM UP ON INVASIVE SPECIES

National Geographic Society and the Public Broadcasting Services Network (PBS) have teamed up to produce a mini-series on current environmental issues. The premier broadcast of the "Strange Days on Planet Earth" miniseries is on invasive species and will be broadcast the evening of April 20 in conjunction with Earth Day. The documentary and the accompanying feature article in the March issue of National Geographic magazine include some good coverage of weed issues such as water hyacinth in Lake Victoria and miconia in Hawaii.

## COMMENTS ON 2,4-D RISK MITIGATION PROPOSALS

On March 14, WSSA submitted comments on EPA's risk mitigation proposals for 2,4-D that were supportive of continued registration of this herbicide, expressed some minor technical concerns and also encouraged maintaining some of the higher rates that are occasionally used in for-

est site preparation, right of way and invasive plant management. Copies of the WSSA comments are available on request or on line through the EPA 2,4-D docket:

<http://docket.epa.gov/edkfed/do/EDKStaffCollectionDetailView?objectId=0b0007d4802a593c&docIndex=4>

## NEWSS SYMPOSIUMS IN WASHINGTON, DC DRAW ATTENDANCE

The Northeast Weed Science Society (NEWSS) held three symposia at their annual meeting in Washington, DC that helped boost attendance significantly while shedding light on timely issues of national policy concern. NEWSS provided a service to all members of the discipline by holding these symposia just two blocks from the White House and opening the meeting to Washington agency and policy folks. The three symposia were on turf grass, herbicide resistant weeds and the impact of invasive species on endangered species. The Endangered and Invasive Species symposium has already had a noticeable impact on policy discussions at a critical time when amendment of the Endangered Species Act is under serious consideration.

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## Southern Regional Conference on How We Combat Alien Invasive Plants

A region-wide conference aimed at sharing the latest knowledge and technology on combating invasive plants will be held May 3-5 in Birmingham. Everyone interested and involved in stopping the alien plant spread is invited. The conference is the seventh in a series held by the Southeast Exotic Pest Plant Council and hosted this year by the Alabama Invasive Plant Council (ALIPC). The location is the Carraway-Davie House & Conference Center on the southern edge of Birmingham on the bluffs overlooking the Cahaba River (<http://www.carraway-davie.com>). Two full days of expert presentations and discussions will be followed by a third-day field tour. Registration is \$85 by April 4 and \$95 afterwards, which includes all breaks and two lunches. Vendors and Sponsors are requested as well. For registration, nearby hotels, and more information visit [se-eppc.org](http://se-eppc.org) or call Curtis Hansen, 334-844-1630. For program information contact James Miller, [jmiller01@fs.fed.us](mailto:jmiller01@fs.fed.us), 334-826-8700.

## Graduate Student Paper SESSION I



Marcos Oliveira



Marty McCormick

- 1st** Effect of tillage and drill-seeded soybean on temporal emergence of sicklepod. M. J. Oliveira and J. K. Norsworthy; Clemson University, Clemson, SC (160)
- 2nd** An economic comparison of LibertyLink, Roundup Ready, and conventional cotton. K. M. McCormick, P. A. Dotray, J. W. Keeling, E. Segarra, and T. A. Baughman; Texas Tech University and Texas A&M Research & Extension Center, Lubbock and Vernon (168)

## Graduate Student Paper SESSION II



Brian Ottis



Ian Burke

### TIE FOR FIRST PLACE

- 1st** Performance of CL161, Wells, and XL8 in competition with barnyardgrass *Echinochloa crusgalli* (L.) Beauv.: Implications for management. B. V. Ottis, A. T. Ellis, and R. E. Talbert. University of Arkansas, Fayetteville, AR (180)
- 1st** The identification and mechanism of resistance to clethodim in a johnsongrass (*Sorghum halepense*) biotype. I. C. Burke, J. D. Burton, and J. W. Wilcut, North Carolina State University, Raleigh, NC (182)

## Graduate Student Poster SESSION I



Andrew Gardner



Tom Eubank

### TIE FOR SECOND PLACE

- 1st** Interaction of glufosinate and postemergence graminicides on annual grasses. A. P. Gardner, A. C. York, and D. L. Jordan; North Carolina State University, Raleigh, NC (45)
- 2nd** Remote sensing as a decision-making tool for desiccation of Mississippi soybean. T. W. Eubank, D. H. Poston, and C. H. Koger. Delta Research and Extension Center, Mississippi State University, Stoneville, MS; USDA-ARS Southern Weed Science Laboratory (47)
- 2nd** Co-application and timing effects on glyphosate efficacy on selected weed species. D. M. Scroggins, D. K. Miller and P. R. Vidrine. LSU AgCenter, Louisiana State University, Baton Rouge, LA (11) PHOTO NOT AVAILABLE

## Graduate Student Poster SESSION II



Jay Meehan



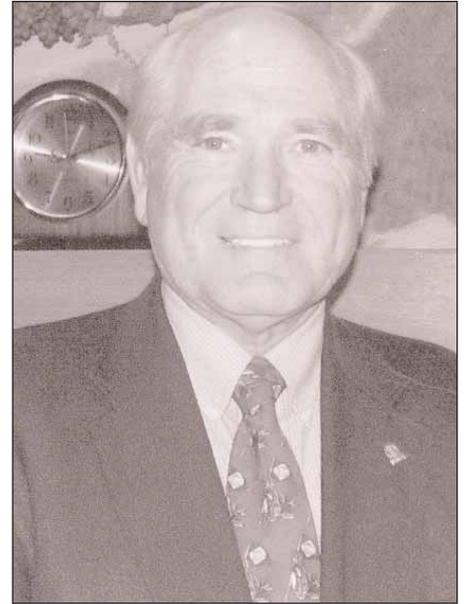
Vinod Shivrain

- 1st** Toxicity of isothiocyanates to troublesome weeds of the southeastern United States. J. T. Meehan, IV and J. K. Norsworthy; Clemson University, Clemson, SC (107)
- 2nd** Some factors affecting gene flow from Clearfield & trade rice to red rice *Oryza sativa* (L.) V. K. Shivrain, N. R. Burgos, S. N. Rajguru, and M. A. Sales; University of Arkansas, Fayetteville, AR (117)

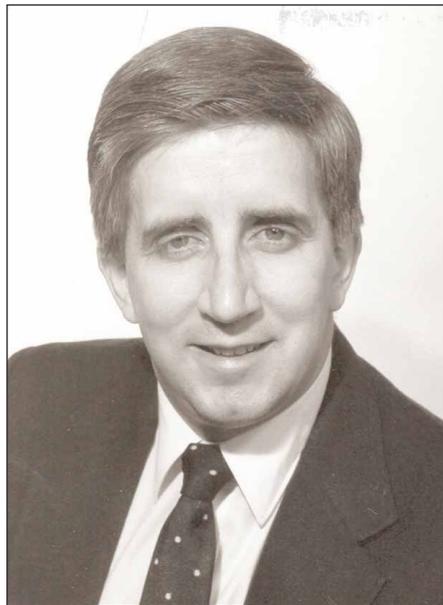
# SWSS AWARD WINNERS



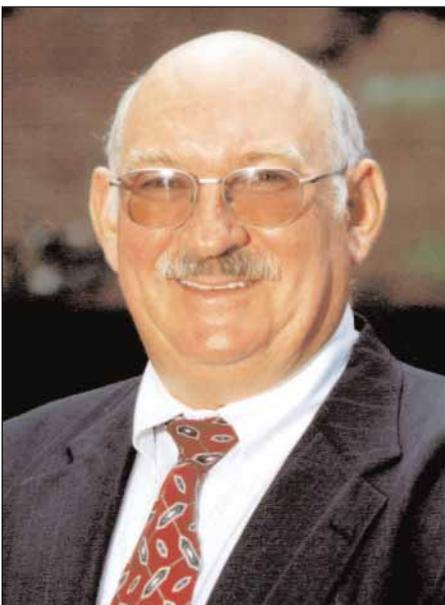
**Distinguished Service Award  
Academia  
JOE E. STREET**



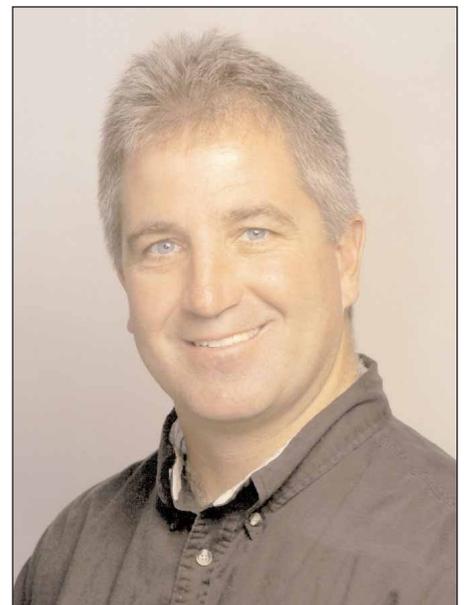
**Distinguished Service Award  
Industry  
HAROLD RAY SMITH**



**Outstanding Educator Award  
JOHN W. WILCUT**



**Weed Scientist of the Year  
R. M. HAYES**



**Outstanding Young Weed  
Scientist Award  
ERIC PROTSKO**

## News from the NEWSS

The Northeastern Weed Science Society held its 59<sup>th</sup> Annual Meeting at the Capital Hilton in Washington, D.C. on January 3-6, 2005. The theme of the meeting, "Finding Solutions for Managing Today's Weeds" was pillared by three symposia: "Managing Invasive Species while Protecting Endangered Species," "Advances in Annual and Roughstalk Bluegrass Control in Golf Course Turf," and "Status and Future of Herbicide-resistant Weeds." Awards given by the Society for 2004 included Outstanding Researcher (Brad Majek, Rutgers Univ.), Outstanding Educator (Toni DiTomasso, Cornell Univ.), Award of Merit (Tom Watschke, Penn State), and Distinguished Members (David Vitolo, Syngenta and Henry Lohman, NY grower). As in recent years, the Society met jointly with the Northeast Region of the American Society for Horticultural Science.

The NEWSS continues to progress in its efforts to support electronic communication with its membership. A new web site will be launched early in 2005, and electronic publishing of its newsletter has continued since August 2003. For the first time, electronic copies of the NEWSS annual proceedings were made available for purchase at the annual meeting along with the traditional hard-copy format. A newly constructed on-line membership database, integrated within the new web site, will improve both accuracy and functionality of member information. In 2004, under the leadership of out-going president Robin Bellinder, the Society welcomed a new Editor to the Executive Committee (Hilary Sandler, UMASS), boasted a highly successful collegiate weed contest at NC State, and initiated discussion on the first policy statement by a professional weed science society on glyphosate stewardship. The NEWSS Collegiate Weed Contest, with an updated layout for 2005, will be hosted by Penn State in Landisville, PA on July 26, 2005). In-coming president Tim Dutt has arranged to hold the 60<sup>th</sup> Annual Meeting of the NEWSS (jointly with the Northeast Aquatic Plant Management Society) at the Westin Hotel in Providence, RI in 2006.

Brent Lackey  
NEWSS Public Relations

## A Field Guide for Control of Nonnative Invasive Plants of Southern Forests

Invasive plants constitute one of the most severe threats to forest sustainability in the region. To assist in combating this invasion, *Nonnative Invasive Plants of Southern Forests: A Field Guide for Identification and Control (GTR-SRS-62)* authored by Dr. James H. Miller and published by the Southern Research Station, USDA Forest Service has been recently re-released in a revised edition. It describes and provides all-season images of 41 worst invaders of forest habitats and gives control recommendations for each. Copies are available (up to 40 per box) at no cost via [pubrequest@srs.fs.usda.gov](mailto:pubrequest@srs.fs.usda.gov) or 828-257-4830. The book is also online at [http://www.srs.fs.usda.gov/fia/manual/exotic\\_pest\\_plants.htm](http://www.srs.fs.usda.gov/fia/manual/exotic_pest_plants.htm)

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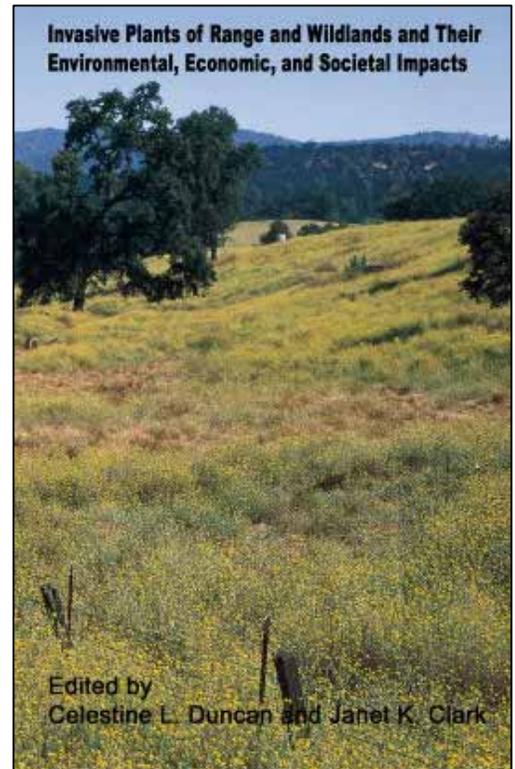
# Invasive Plants of Range and Wildlands and Their Environmental, Economic, and Societal Impacts

An invaluable reference for researchers, weed control specialists, and natural resource planners and policymakers, this book provides comprehensive references to scientific studies that quantify the impacts of sixteen invasive plants on our environment, economy, and society. Data also offer evidence of the extent of infestations in the continental United States and the historical spread rate of these species.

Range and wildland species highlighted in this volume are Canada thistle, Dalmatian toadflax, diffuse knapweed, downy brome, hawkweed, leafy spurge, medusa-head, musk thistle, perennial pepperweed, purple loosestrife, Russian knapweed, saltcedar, sericea lespedeza, spotted knapweed, tropical soda apple, and yellow starthistle.

For each species, national databases and scientific literature collections of experts were consulted to uncover historical as well as the most up-to-date impact information. In some cases, a lack of scientific data points to research gaps that deserve immediate attention.

Published by the Weed Science Society of America, this book provides readers succinct summaries and references that will be valuable to prioritizing management programs and formulating consistent and rational land management decisions.



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# POSITION ANNOUNCEMENTS

## Graduate Research Assistantships (M.S. or Ph.D.) Turfgrass Management

Graduate research assistantships (pursuing a M.S. or PhD) are available at the University of Tennessee, Plant Sciences Department. Research will focus on physiological and ecological aspects of weed management in turfgrass systems. Research facilities include 8 acres of turfgrass field plots, 1800 sq ft of greenhouse space, environmental growth chambers, and excellent laboratory and office facilities. Salary, \$16,000 for M.S. and \$20,000 for PhD, also includes coverage of tuition and student health insurance. Interested students please contact Dr. Scott McElroy. Office: 865.974.8603, email:

[mcelroy@utk.edu](mailto:mcelroy@utk.edu).

\* \* \* \* \*

## University of Georgia Graduate Research Assistantship, Weed Science

### DESCRIPTION:

An M.S. or Ph.D. graduate research assistantship is available in the area of invasive weeds or weed resistance management. Specifically in the area of tropical spiderwort (*Commelina benghalensis*) management in peanut, cotton, and corn, and conducting surveys for herbicide resistance in pigweeds (*Amaranthus* species). The student will be conducting applied weed science research through field, greenhouse, and laboratory experiments and will be expected to summarize and present results from this research at professional and grower meetings, as well as in a final defense. The student will also be expected to interact and work with other graduate students and research associates in our program, and assist with other research projects

being conducted in cotton, peanut, corn, vegetables, and winter annual crops. The student must also complete a minimum of 30 credit hours from selected courses accepted for graduate credit in the University of Georgia Crop and Soil Sciences Department.

### QUALIFICATIONS:

B.S. or M.S. degree in Agriculture, Agronomy, Biology, or other related discipline with a strong interest in plant sciences. Genuine interest in agricultural research, extension, and/or teaching and pursuing a career in agronomy or weed science. Must be able to work with others and travel to various research sites located throughout the state. Must demonstrate a proficiency of the English language (oral and written).

### LOCATIONS:

The University of Georgia, College of Agricultural and Environmental Sciences Experiment Station Tifton campus. Some course work will be taken at the Athens campus.

### STIPEND & MORE:

An annual stipend of at least \$15,500. Interested students should submit a package:

- 1) letter of application
- 2) resume
- 3) official degree transcripts
- 4) contact information for three references
- 5) GRE scores
- 6) TOEFL score (if applicable).

### CONTACT INFORMATION:

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Phone: (229) 386-3194  
E-mail: [eprostko@uga.edu](mailto:eprostko@uga.edu)

For more information about the University of Georgia Crop and Soil Science Department and degree requirements, visit the website at <http://www.cropsoil.uga.edu/>. For more information about Georgia Weed Science, call Tim or Eric or visit the web site at <http://www.gaweed.com>.

## NEWSLETTER SUBMISSION Instructions and Deadlines

ISSUE	DEADLINE
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December . . . . .	November 1, 2005

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