



WSSA

WEED SCIENCE SOCIETY OF AMERICA

Newsletter



PRESIDENT'S MESSAGE

The members and guests who attended the meeting in San Antonio were greeted with warm sunshine and an excellent hotel location on the Riverwalk. Our meeting attendance was close to 500; 88 people came in early for the leafy greens tour on Sunday hosted by Russ Wallace and his colleagues. I would like to thank Russ

for hosting the tour and thank Paul Baumann, the local arrangements committee, Kate Counter, and Joyce Lancaster for their help in making the sessions run very smoothly and for two excellent receptions. The hotel staff was very helpful throughout the meeting. I would also like to thank the program committee and symposium organizers for developing an excellent program. I would like to acknowledge Lee VanWychen as well for his work on the program. His efforts resulted in Dale's invitation to Dr. Buchanan to present the keynote address at the general session. I would like to thank Dr. Buchanan for speaking with us about the proposals for the new Farm Bill and for attending the reception after the awards ceremony. Lee also initiated the discussion with Dr. Michael Bowers that resulted in WSSA serving as the 2007 site for the annual NRI principal investigator meeting.

Congratulations to all the award winners who were honored at the meeting this year. The many accomplishments of these individuals are highlighted in this newsletter. Thank you to the industry sponsors of the awards; your generous contributions are greatly appreciated. Thank you also to the industry sponsors of the graduate student luncheon at the meeting. The society needs an active, interested graduate organization to help us stay relevant. John Willis did outstanding work on behalf of the students over the last year as the President of the GSO and as a member of the WSSA board. We are looking forward to working with the new President, Wade Givens, to develop additional activities and opportunities for the student members of our organization.

Our 2008 meeting will be held at the Chicago Hilton; thanks to Joyce and Kate for their work to ensure the location. Jeff Derr and his committee are already beginning to plan for the program; please see the call for symposia in this newsletter. Please forward your suggestions and ideas for the sessions to Jeff and the program committee. The International Weed Congress will also be held in 2008 in Vancouver, BC. WSSA and CWSS are co-sponsoring the meeting. The

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WSSA Roy J. Smith, Jr. Endowed Graduate Fellowship To Be Established

At the recent annual meeting in San Antonio, TX, the Endowment Fund Committee announced their intent to establish the Weed Science Society of America, Roy J. Smith, Jr. Endowed Graduate Fellowship. The Fellowship will provide a \$10,000 grant on a yearly competitive basis to graduate students studying any aspect of weed science at an accredited institution of higher learning. Currently, the Endowment Fund provides support for the Undergraduate Research Awards that are announced at the annual meeting. In the past, these awards have supported numerous undergraduate students, many of whom have pursued weed science as a career. Dr. Roy J. Smith, Jr. was a long-time member of WSSA and a regular supporter of the Endowment Fund, contributing more than \$15,000 during his lifetime. Dr. Smith retired from USDA/ARS after more than 38 years of service and was internationally recognized as one of the most distinguished scientists in the area of weed management in rice. It is because of his dedicated support of the WSSA Endowment Fund that the committee named the new Fellowship in his honor. The committee esti-

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planning for the meeting is going well and regular announcements will be sent over the next few months. Planning is also underway for the 2009 WSSA meeting which will be in Orlando, FL. The meeting will be the first joint meeting between WSSA and SWSS. A special committee of members of both societies and chaired by Pete Porpiglia will be working to make this new venture a success for all participants. We are also in discussions with the Society of Range Management to determine the interest and feasibility of holding concurrent meetings in Denver, CO in 2010. A special committee chaired by Lee VanWychen will soon provide a recommendation to the board whether to proceed with this joint meeting.

The society has been incredibly active over the past year. Dale Shaner worked very hard as your President and I would like to thank him for his time and contributions to furthering the goals of the society. Thank you to Carol Mallory-Smith and Steve Dewey for their service on the board; Carol has served ably on the board for many years as treasurer, vice-president, president-elect, president, and most recently past-president. I also thank the board members for their service and energy over the past year that has led to many new initiatives intended to provide additional value to the organization and to increase our visibility as weed scientists. I would like to express our appreciation to the society members who have volunteered to serve on special committees to further the strategic goals of WSSA; we could not have made the progress we have without their contributions. Additional activities include:

1- National Invasive Weed Awareness Week XIII (NIWAW) just concluded in Washington, D.C., chaired by Nelroy Jackson with the assistance of Lee Van Wychen and the NIWAW planning committee. NIWAW was attended by over 150 individuals in spite of major weather issues. The week included briefings by USDA and the Department of Interior and meetings with other agencies and groups committed to bringing increased awareness of invasive species issues to policy makers. WSSA board of directors was represented by Jeff Derr and me; we had the opportunity to update the participants on WSSA activities including the proposed new journal. We met with EPA representatives to discuss the new liaison position and other opportunities for interaction between WSSA and EPA. We provided NIWAW participants, policy makers, NGO representatives, and agency administrators with a WSSA white paper outlining the issues related to the potential use of invasive species as biofuels. In addition, we met with members of the Garden Clubs of America to introduce them to WSSA and to discuss issues of common concern. Planning for NIWAW IX is already underway with Nelroy Jackson continuing as chair of the meeting. I would like to express my appreciation to Nelroy and Lee for their work and to the many industry, NGO, and agency sponsors of the activities.

2- WSSA has a new, very attractive and functional, website. Development of additional content for this new resource is underway. Thank you to Jeff Derr, the website committee, and the editors for all the work that has gone into this activity. Please see the accompanying article calling for member participation in keeping the information up-to-date on the site.

3- Research into the creation of a new journal, Invasive Plant Science and Management, has continued under the guidance of the special committee chaired by Vanelle Peterson and Lars Anderson. A Roundtable discussion at the annual meeting was attended by 45 members; the discussion was lively and productive. Please see the article in this newsletter. We have just contracted with Janet Clark of the Center for Invasive Plant Management to guide the next phase of planning including the development of a business and marketing plan. In addition, an editor and editorial board will be recruited by the Publications Board to develop the guidelines for the journal. These groups will report to the board at the summer meeting and a decision will be made whether to continue the process.

4- The Special Public Relations Committee, chaired by Janis McFarland, recommended an ambitious plan to improve our communication with groups

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SMITH FELLOWSHIP

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mates that an additional \$100,000 is needed to allow the Fellowship to be awarded each year. We are asking for your support to make this possible. You can make a tax deductible contribution to the fund by sending a check (payable to WSSA with a notation that it is for the Endowment Fund) to: WSSA, 810 East 10th Street, Lawrence, KS 66044-3018 or you can use a credit card by visiting the WSSA website and clicking on the "Donate to the Endowment Fund" button located on the front page. Please help us with this worthy endeavor.

WSSA FUTURE MEETING SITES AND DATES

2008
Chicago, IL
February 4-7
www.wssa.net

2009
Orlando, FL

THINK NEWSLETTER
Deadline for July issue
June 1, 2007

WSSA NEWSLETTER

VOL. 35, NO. 2

APRIL, 2007

Published quarterly by the Weed Science Society of America. Subscription included in the annual dues paid by members of the Society. Address correspondence and information to:

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PRESIDENT'S MESSAGE CONTINUED from pg 2

outside of WSSA. They requested input from the board and will finalize their proposal by the summer board meeting. The proposal includes the request to fund a public relations coordinator to provide continuity to the effort.

5- WSSA is partnering with EPA to place a weed science subject matter specialist at EPA; WSSA will provide funding for one year to support travel for the new liaison. The Federal Noxious and Invasive Weeds Committee will recruit and recommend the first liaison and develop a review process for the activity. In addition, a mechanism for funding the liaison beyond the first year will need to be developed.

6- The Special Professional Development Committee, chaired by Tracy Sterling, recommended a number of activities to provide added value to the membership. They were asked to continue to work with the website committee and the Graduate Student Organization over the next year to begin to implement their recommendations. John Willis joined the committee to provide a liaison to the Graduate Student Organization activities that are already in place.

7- The Research and Membership Committees are

developing surveys to gather input on the future of weed science research and membership needs. Please participate in the surveys when they are announced.

The WSSA is financially sound, thanks to sound management and prudent investing. Many of the activities that are underway require that WSSA commit financial resources as well as volunteer investment. We are a non-profit society and our success is due to the interest and involvement of the membership; however, some of the things we need to do to provide a future for the society require more attention than volunteers have time to provide.

The summer board meeting is scheduled for July 20–22. We are scheduling an additional day for a facilitated tactical planning session intended to assess what we have accomplished, what still needs to be done, and what new goals should be considered. Please let us know what you think. The board is anxious to hear your suggestions. Thank you for the opportunity to serve the society over this next year.

Jill Schroeder
President
jischroe@nmsu.edu

New weed identification book, "*Weeds of California and Other Western States*" is now available on the WSSA web site www.wssa.net.

This 2-volume book set by Joe DiTomaso and Evelyn Healy of the University of California at Davis contains over 3,000 color photographs of 750 common weeds. A CD with all of the color photographs is also included with the 2-volume book set. It includes weeds of landscapes, gardens, turf, crops, and non-crop areas. It does not include true aquatic species, but these weeds can be found in the book, *Aquatic and Riparian Weeds of the West*, which is also available on the WSSA web site.

In addition to the individual descriptions of species or related species, the text also contains:

- shortcut identification tables to groups of weeds that share similar, unusual or relatively uncommon characteristics,
- keys to grasses in both vegetative and reproductive stages,
- comparison tables for difficult to identify groups,
- illustrations and glossary of terms,
- bibliography of pertinent literature,
- additional list of non-native plants that are naturalized in California.

Weeds of California and Other Western States will be a valuable reference and field manual for weed control specialists, land managers, ranchers and farmers, gardeners, golf course superintendents, landscape professionals, and anyone interested in learning more about identification of weeds in the western US.

Price for the 2-volume set and CD is \$100.00 plus \$10.00 shipping and handling to US addresses. To order your copy of ***Weeds of California and Other Western States***, go to www.wssa.net, or call WSSA at 1-800-627-0629 extension 297.



Images from San Antonio



PRESIDENTIAL ADDRESS

47th Annual Meeting WSSA • February 5, 2007 • San Antonio, Texas

Thank you for attending this General Session where we have been privileged to hear from Dr. Buchanan and where we honor our colleagues for various achievements. I want to spend the next few minutes sharing with you what we are doing about the future of WSSA

First I want to talk about the current state. We have many good things going for us right now. We are financially strong. We have two outstanding journals and our society has dedicated members who are willing to give their time and expertise to the society.

On the other hand we are facing problems similar to many other agriculturally oriented scientific societies. Our membership continues to decline. More importantly the numbers of students in Weed Science are rapidly declining and we are faced with the loss of members due to retirement.

Here are the facts over the last five years. In 2002 we had approximately 1865 members. Last year we had 1500. This loss was primarily due to a loss of student members. At the same time we have a steady increase in emeritus members and this will continue as we Baby Boomers reach retirement age. These numbers are not unique to WSSA. Most of our regional societies continue losing members and the Agronomy Society, the American Phytopathology Society and the Entomology Society are all facing similar problems.

The question we, as a society, have to answer is can we stop or even reverse this trend. This question leads me to looking into the future. This summer the Board of Directors (BOD) spent a day in a workshop looking at the future and our strategic plan. We decided that the strategic plan that we put into place five years ago is still a good one and we have accomplished many things. However, we saw a need to establish new tasks to bring our strategic plan forward. We did just that and I think came up with several new initiatives that will help our society in the future.

First, how can we increase the participation of students in our society? We have a viable and dynamic Graduate Student Organization that is represented on the BOD and has organized special programs at this meeting for the students. The BOD reduced the registration cost for the annual meeting for all students and we have a block of rooms at reduced rates. This year we are trying something new. I think you all received an e-mail message last week about Student Night Out. This is an opportunity for all of us to interact directly with a student by taking him or her out to dinner and getting to know them better as well as to share our insights and advice on weed science. I urge all of our members and students to sign up for either Tuesday or Wednesday evening (sign-up will be at the registration desk). Participants will meet at the registration desk on their respective nights at 7:00, and visit over dinner at a restaurant of their choosing.

Now I'd like to talk briefly about the initiatives that the BOD chose to help us accomplish our strategic plan goals. First, one of our goals was to advance weed science research. To accomplish this we will expand the utility of our website. Last year we hired a new Webmaster, David Krueger, to redo our website and a new Web Editor, Tom Fermanian, to ensure that the content of our website is accurate. I hope you have seen the new website, and, if you haven't, please visit our website. The Website Committee, chaired by Ed Luschei, is looking for ways to improve the website. We want this to be a dynamic place for all information on weed science. One other initiative we hope to start this next year is to establish a place on the website that will list all the funding opportunities for weed science research. This effort will be coordinated by the Research and Competitive Grants Committee. Please look for this information in the near future.

The second goal of our strategic

plan is to support education and outreach for weed science. We want to develop an e-Xtension project for the website which will be coordinated by the Extension Committee and to solicit and publish more articles on education and outreach in Weed Technology. To accomplish this latter objective, Dr. Tony Ditammaso has been assigned as a special associate editor for *Weed Technology* to handle all education and extension manuscripts and several are currently in review.

A third objective of our strategic plan is to produce high quality information on weed science. We already have two outstanding journals in *Weed Science* and *Weed Technology*, but there is a gap in the literature on the science and, more particularly, the management of invasive weeds. Last year we established a special committee, co-chaired by Vanelle Peterson and Lars Anderson, to determine the interest and feasibility of establishing a new journal on Invasive Plant Science and Management. This committee has been extremely busy and productive. They conducted a survey on the web and the results show that there is high interest in such a journal, not only within weed scientists but also with those who have not traditionally been members of weed science. The committee has developed a business plan and the results of their work are available to you. On Wednesday at noon we are going to conduct a roundtable discussion on this new journal. We want and need your input. I think this new journal will fill a major need in invasive plant management and it could also increase our membership by reaching out to those who currently do not see themselves as weed scientists although that is what they are doing. This is a new and exciting initiative for our society and I look forward to your support and help in establishing it.

A fourth objective of our strategic plan is to raise public awareness of weed science. To accomplish this, I

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appointed another special committee, chaired by Janis McFarland, to make recommendations to the BOD on how we can increase public awareness. This committee has made excellent recommendations and the BOD will study and prioritize their recommendations. The speech today by Dr. Buchanan, thanks to the efforts of Lee VanWychen and Jill Schroeder, is one example of how WSSA can become more visible and we want to continue this effort.

A fifth objective of our strategic plan is to promote sound weed science policy. We already have our Director of Science Policy, Dr. Lee VanWychen, who does his best to keep the policy makers in Washington, DC informed on issues that relate to weed science. But Lee is only one person and we need to do more. The Science Policy Committee is working with Lee to identify the needs of federal agencies for information on weed science and is creating a list of experts who can help these agencies address those needs. If you are asked to be

one of these experts, please do so. Your input and expertise is needed and it will help all of weed science. The BOD is also examining the potential of establishing a Wildland/Invasive Plant liaison with the EPA. I think all of you received an e-mail concerning this initiative. We are still working out the details, but we are hoping to have someone actually work directly with EPA to supply the information they need as they are considering the utility of different herbicides for invasive plant management.

A sixth objective our strategic plan is to provide services to members and regional societies. To address this I appointed a third special committee chaired by Tracy Sterling to make recommendations to the BOD on how to increase professional development opportunities to our members. This committee has spent many hours and has done an excellent job. They have made 12 recommendations to the BOD which we are currently considering. More on this in the future.

Please see the poster that this committee has put together on the many opportunities in weed science.

As you can see we have embarked on a very ambitious program to ensure the future of WSSA. These programs will require tremendous effort and dedication by our members to accomplish. I believe that if we are successful we will have a more robust and diverse society. However none of this will be accomplished without your help and enthusiastic support. The future of WSSA is truly in your hands. I look forward to a bright future for WSSA.

In closing I want to thank you for allowing me to be president of this society. In the last year I have been impressed with our members and your willingness to serve the society. The BOD has been very active and supportive. It is a great privilege and honor to have served as your president. Thank you again and have a great meeting.

Dale Shaner
2006 WSSA President

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WSSA Awards Presented at 2007 Meeting

Fellows:

Neil Harker – Agriculture & Agri-Food Canada, Lacombe, AB
Robert Kremer – USDA-ARS, Columbia, MO
Brad Majek – Rutgers Agric. Research & Extension Center, Bridgeton, NJ
Kevin Vaughn – USDA-ARS, Stoneville, MS

2007 Honorary Member:

Dr. Bernal E. Valverde, Department of Agricultural Sciences, The Royal Veterinary and Agricultural University, Copenhagen, Denmark

Outstanding Extension:

Thomas F. Peeper – Oklahoma State University

Outstanding Research:

Jim Griffin – Louisiana State University

Outstanding Teacher:

Mike Chandler – Texas A & M University

Outstanding Paper in Weed Science:

Dauer, J. T., D. A. Mortensen, and R. Humston. 2006. Controlled experiments to predict horseweed (*Conyza canadensis*) dispersal distances. *Weed Science* 54: 484-489.

Outstanding Paper in Weed Technology:

Powles, S.B. and C. Preston. 2006. Evolved glyphosate resistance in plants: biochemical and genetic basis of resistance. *Weed Technology* 20:282-289.

Outstanding Graduate Student :

Walter Thomas – North Carolina State University (Ph.D.)

Early Career Outstanding Scientist:

Patrick Tranel – University of Illinois

Outstanding Industry:

Denise Maurice – Agricore United, Calgary, AB

Outstanding Reviewer Awards:

Alan Dexter – North Dakota State University
David Shaw – Mississippi State University

Photo Contest:

Digital

Christy Shropshire, 1st Place – University of Guelph
Bridget Lassiter Robinson, 2nd Place – North Carolina State University

Peter Smith, 3rd Place – University of Guelph

Print

Bridget Lassiter Robinson, 1st Place – North Carolina State University

Undergraduate Research:

Charlie Thompson; “Developing a diagnostic assay to detect dicamba resistance in *Kochia scoparia*,” University of Illinois at Urbana-Champaign; Dean E. Riechers, Ph.D., Associate Professor of Weed Physiology

Ludmila Rehak; “Identifying the biochemical pathway of *meta*-tyrosine synthesis in *Festuca rubra*,” Cornell University; Georg Jander, Ph.D., Boyce Thompson Institute for Plant Research, Cornell University

Sara Tarolli; “Evaluation of Three Methods for Disposing of Mature Follicles of the Invasive Vine, Pale Swallow-wort,” Cornell University; Antonio DiTommaso, Associate Professor, Dept. of Crop and Soil Sciences

Jared Walter, “Determining the efficacy of a leaf disc assay to indicate glyphosate resistance in *Amaranthus tuberculatus* (waterhemp); University of Illinois at Urbana-Champaign; Patrick J. Tranel, Associate Professor of Molecular Weed Science

Caren Fleischmann; “Investigating Interspecific Hybridization between Dalmatian Toadflax and Yellow Toadflax,” Colorado State University; Sarah Ward, Associate Professor of Plant Genetics

Stephanie Rousonelos; “Isolating and sequencing the *PPX* genes from *Ambrosia artemisiifolia*,” University of Illinois at Urbana-Champaign; Patrick J. Tranel, Associate Professor of Molecule Weed Science

Lillian M. Kuehl; “Determination of Russian thistle epicuticular wax density and composition in response to water stress,” Washington State University; Ian C. Burke, Ph.D., Assistant Professor, Dept. of Crop and Soil Sciences

Rory L. Roten; “Evaluation of Submersion as an Over-wintering Mechanism for the Invasive Weed, Giant Salvinia,” North Carolina State University; Robert J. Richardson, Assistant Professor and Extension Specialist

Submitted by Lori J. Wiles

Call for Symposium Proposals – 2008 Meeting

WSSA members are invited to submit proposals for symposia at the 2008 meeting in Chicago on February 4-7, 2008. As you prepare your proposal, realize that the board will have the difficult task of deciding which proposals to accept for the program. The program can handle four to five symposia per meeting. The board will evaluate the proposals based on how well they are justified, the target audience, and the completeness of the proposed agenda and budget.

The maximum funding from WSSA is \$5,000 per symposium. See the guidelines listed below for symposia funding from WSSA. Requests for travel support can be made for nonmembers only. Hilton room rates in Chicago will be about \$169 plus taxes per night. Please estimate travel and lodging costs for invited speakers.

Our webmaster has established an online form on the WSSA website to submit symposium proposals for the 2008 meeting—look under the headlines heading on the homepage. Please complete the form online. Clicking the submit button will automatically email the symposium proposal to me. Symposium proposals are due to me by June 1, 2007. If you have any questions, feel free to email me at jderr@vt.edu or call me at 757/363-3912.

Here is the outline of the proposal form:

SYMPOSIUM PROPOSAL 2008 WSSA Meeting, Chicago, IL

Title:

Organizers:

Contact Person:

Phone:

Email:

Justification and Objectives (approximately 300 words):

Target Audience:

Associated Section(s):

Length of Proposed Program:

Proposed Titles and Speakers:

Budget Requested:

Guidelines for Disposition of WSSA Funds for Symposia Expenses

A total of \$5,000 is available for each symposium approved by the WSSA Board for the upcoming meeting. These funds can be used by the symposium organizers, working in conjunction with the Program Chair, for expenses incurred in securing speakers. The following guidelines are intended to help the symposia organizers and the Program Chair in allotting available funds.

Although \$5,000 has been budgeted for each symposium, the goal is to spend the least amount necessary to obtain excellent symposia speakers. The funds will be allocated as necessary to partially cover travel expenses of

speakers. Members of WSSA who agree to present symposium papers will not be offered travel funds except in dire emergencies to be determined by the Program Chair. An example of such an emergence would be a WSSA member who is a renowned expert in the field of the symposium topic but has no source of funds to attend the WSSA meeting in question.

No honoraria will be offered to any speaker. No more than three nights lodging will be offered to nonmember symposium speakers. All symposium speakers who are nonmembers of WSSA will be offered free registration at the WSSA annual meeting and a free ticket to society events during that week. Reimbursement of some or all travel expenses (travel, meals, and lodging) will be offered to nonmember symposia speakers on the basis of need, availability of funds, and the value of the speakers on the program. Funds can only be used for speaker travel; if less than \$5,000 is needed for speaker travel for a given symposium, the difference cannot be used for other purposes.

Program organizers need to consider travel costs when considering invitations to speakers located far from the meeting site. Whereas foreign speakers who are experts in the field of the symposium topic might receive a higher priority for expenses than domestic speakers, the cost of travel and needs of the individuals should be more important considerations. For example, a Canadian speaker traveling from Ontario to New York may incur lower costs and have a lesser need for funding than a California speaker also traveling to New York. Because of the limited budget for symposia expenses and the high cost of travel for many distant foreigners, symposium organizers should strongly consider the value of bringing in speakers from distant foreign countries unless other arrangements for funding of travel can be made.

Symposia chairs should contact their intended speakers and determine their financial needs for participation no later than May 1. This information should be incorporated into the budget for the proposed symposium. Symposium proposals must be submitted to the Program Chair by June 1. The WSSA Board will evaluate the submitted proposals and decide which symposia will be funded. The Program Chair will inform symposium organizers which ones will receive funding for the upcoming annual meeting. Symposium organizers that received funding can then proceed with offers of funding to nonmember speakers. In no event should symposium organizers make commitments for more funding from WSSA than is approved by the WSSA board. Symposium organizers can search for alternate funding opportunities if \$5,000 will not cover all travel expenses for nonmember speakers.

Symposia organizers should consider publication of symposium papers in *Weed Science* or *Weed Technology*. When necessary, the symposia chairs may request that the Editor of *Weed Science* or *Weed Technology* waive page charges for publication of symposia papers by contributors who are not WSSA members.

Jeffrey Derr, Programs Chair

2007 WSSA AWARDS

Outstanding Teacher

MIKE CHANDLER

Mike Chandler was born in Wichita, Kansas on September 30, 1943, but spent his younger years in central Oklahoma. He completed his B.S. degree at West Texas State University in 1965. He developed a keen interest in weed science while working as a student employee with Dr. Allen Wiese at the Texas Agricultural Experiment Station in Bushland, Texas, during his undergraduate program. He received his M.S. and Ph.D. degrees under Paul Santelmann from Oklahoma State University in 1968 and 1971, respectively. He and his wife, Bonnie, are the parents of two children, Stacey and Jonathan. He was with USDA-ARS at the Southern Weed Science Laboratory in Stoneville, Mississippi from 1971–1981. As a research agronomist, he was responsible for developing new and improved technology for controlling weeds more economically in cotton. He joined the Texas Agricultural Experiment Station in 1982 and holds the academic rank of professor in the Department of Soil and Crop Sciences at Texas A&M University. His research concerns the ontogeny of selected weed species, crop-weed interference, and the evaluation of crop-herbicide rotations in conventional and conservation tillage systems. Development of economical weed control programs for cotton, corn, grain sorghum, and rice in Central Texas is emphasized. He has served as the major advisor for 34 graduate students and a member on 66 committees. Dr. Chandler has authored or co-authored 83 peer review journal articles with his graduate students. He also holds one patent and has prepared nine book chapters. A total of 214 oral or poster presentations of the research have been made at SWSS and WSSA meetings. His students have received numerous awards in SWSS paper contests at annual meetings. Recently students co-authored the 2003 Outstanding Paper in *Weed Science* and the 2006 Outstanding Paper in *Weed Technology*. Dr. Chandler has taught his undergraduate course, Chemical Weed Control, 15 semesters to 716 students and his graduate course, Weed Biology and Ecology, to 128 students. He has been active in both the SWSS and WSSA. In the SWSS, he has served as Vice President, President Elect, President, and Past President. He also has served as a Member-at-large on the Board of Directors, and as a President of the SWSS Endowment Foundation. He received the SWSS Distinguished Service Award in 1995. In WSSA he has served as Treasurer, Vice President, President Elect, President, and Past President. He has been on the Board of Directors as the SWSS representative and member of 32 WSSA committees. He became a WSSA Fellow in 2002.



Industry Sponsor: Dow AgroSciences

Outstanding Graduate Student Award

WALTER THOMAS

Walter Thomas was raised in Lillington, North Carolina. He obtained a B.S. degree in Agronomy with a turfgrass management concentration from North Carolina State University. During his undergraduate career, he was awarded undergraduate research grants to study germination requirements of an emerging troublesome weed, slender amaranth. He was also a participant in the College of Agriculture and Life Science Honors Program. His involvement in this program enabled him to work on another research project to examine the effect of end-of-daylight quality on sicklepod growth. These works led him to begin a M.S. degree program under the direction of Dr. John W. Wilcut. He has presented 23 poster and oral presentations at various regional, national, and international research conferences. The Southern Weed Science Society, Weed Science Society of North Carolina, and the Beltwide Cotton Conference have recognized him with presentation awards. He has also received awards for the Deere and Company Fellowship from the American Society of Agronomy and the Outstanding MS Student Award from the Southern Weed Science Society. He is a senior author or co-author on 14 and seven peer reviewed articles, respectively. Walter graduated with a M.S. degree in Crop Science in December 2003. He completed his Ph.D. in Crop Science, which investigated mechanisms of limited glyphosate translocation in glyphosate-resistant horseweed and the use of C¹⁴-glyphosate as a model for photoassimilate movement in cotton and the impact of mepiquat chloride on translocation patterns. He is currently employed with BASF Corporation as a Field Biologist in Iowa.



Industry Sponsor: DuPont



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Outstanding Early Career Weed Scientist Award

PATRICK TRANEL

Patrick Tranel was born in 1968 and grew up on his family's crop and livestock farm near Galena, Illinois. He received a B.S. degree in Agronomy from Iowa State University, an M.S. degree in Agronomy under David Gealy at Washington State University, and a Ph.D. degree in Botany under Kenneth Keegstra at Michigan State University. After a one-year postdoc with Monsanto Company in St. Louis, Missouri, Dr. Tranel joined the Department of Crop Sciences at the University of Illinois in Urbana-Champaign. He was hired specifically to take a molecular biology approach to weed science, and currently is Associate Professor of Molecular Weed Science. Much of his research is focused on genetic diversity within weed species, including mechanisms and evolution of herbicide resistance. Dr. Tranel has authored or coauthored 40 peer-reviewed publications—including two invited reviews, a book chapter, and the 1999 Outstanding Paper in *Weed Science*—and 75 abstracts. Dr. Tranel teaches the introductory weed science course at the University of Illinois and also is active in undergraduate advising. Although he does not have an extension appointment, Dr. Tranel regularly speaks to growers and weed management professionals, and his research on herbicide resistance is often cited in newspaper and farm magazine articles. He is currently an Associate Editor of *Weed Science*, serves on the Outstanding Paper in *Weed Science* Awards Committee, and is a board member for the North Central Weed Science Society. He has chaired sessions and co-chaired a symposium for the NCWSS, was a session chair at the last two International Weed Science Congresses, and co-chairs the Weedy and Invasive Plant Genomics Workshops at the annual Plant and Animal Genome Meeting. Dr. Tranel also has been recognized by the NCWSS with the Young Scientist Distinguished Achievement Award. Dr. Tranel and his wife, Lea, have a son, Tate, and a daughter, Anna.



Industry Sponsor: BASF



Outstanding Paper – *Weed Science*

J. T. DAUER

co-authored by

D. A. Mortensen and R. Humston

**“Controlled experiments to predict horseweed
(*Conyza canadensis*) dispersal distances.”**

Weed Science 54:484–489.

J. T. DAUER

Joseph Dauer received his B.S. in Biology/Mathematics from Western Washington University in 2001. His interest in weed ecology stems from working on weed seed predation with Dr. Fabian Menalled at the Kellogg Biological Station during his senior year of undergraduate studies. He joined the Cornell University of Weed Ecology lab and worked with Dr. Toni DiTommaso and Dr. Chuck Mohler. In 2002, he moved to The Pennsylvania State University to work with Dr. David Mortensen and completed his M.S. in Ecology in 2004. His thesis was entitled, “Long-distance dispersal of horseweed (*Conyza canadensis*) seed.” He is currently pursuing a Ph.D. in Ecology with Dr. Mortensen and plans to complete the degree in 2007. Joseph has focused his research on the dispersal of glyphosate-resistant horseweed and collaborated with numerous scientists in the United States and Europe. He has been heavily involved in the Ecology program at Penn State and helped organize the Northeast Ecology and Evolution Conference in 2005. He is co-mentoring Dan Heggstaller, a recipient of the WSSA undergraduate research award. Joseph does some of his best thinking while biking and running.



D. A. MORTENSEN

Dr. Dave Mortensen is a researcher and teacher addressing integrated approaches to managing weedy and invasive plants in agricultural and forested ecosystems. After spending close to 20 years in the profession Mortensen's passions center on research leading to a more sustainable future and mentoring the bright young people who will shape that future. In addition to his research and teaching, Mortensen currently serves as Chair of the Ecology Graduate Program at Penn State.



R. HUMSTON

Robert holds undergraduate degrees in Biology and English from Bowdoin College, and a doctoral degree in Marine Biology and Fisheries from the Rosenstiel School (University of Miami). He is interested in studying the spatial ecology of populations to assist in their management and conservation. He is primarily focused on fish popula-



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tions and fisheries management, since this keeps him on the water (where he most likes to be). Robert enjoyed a brief career studying weed ecology in Dr. David Mortensen's lab at Penn State, and had way too much fun working on this project. Dr. Humston is now an assistant professor in the Department of Biology at Virginia Military Institute, and is back in the water studying fisheries ecology. His current research considers dispersal of smallmouth bass, an important gamefish, between the main-stem and tributaries of the James River in Virginia. Here at VMI, he teaches Ecology, Evolution, Biostatistics, and – yes – Plant Biology.

Industry Sponsor: BASF

Outstanding Paper – Weed Technology

S. B. POWLES

co-authored by
C. Preston

“Evolved glyphosate resistance in plants: biochemical and genetic basis of resistance.”

Weed Technology 20:282–289.

STEPHEN POWLES

Stephen B. Powles was trained in the plant sciences in the 1970s with an undergraduate degree in crop science at the University of Western Sydney, followed by a crop science M.Sc. at Michigan State University and a Ph.D. in plant physiology at the Australian National University. Following postdoctoral appointments at Stanford University (80–81) and the University of Paris, France (82) he commenced as an assistant Professor in 1983 at the University of Adelaide, Australia and subsequently built a major multidisciplinary research team ranging across all aspects of herbicide resistance from molecular mechanisms through to on-farm agronomic management. In 1998 he moved to a special research professorship at the University of Western Australia and continues to lead a large resistance research team. Powles is an author on more than 130 research publications in international research journals and is widely recognized as an international authority on herbicide resistance. Many Australian and international Ph.D. students and postdoctoral fellows have worked with Powles. Powles has received a number of awards including election by WSSA as an International Honorary Fellow in 1997. In 1999 he was elected a Fellow of the Australian Academy of Technological Sciences and Engineering. Powles is recognized by the Institute of Scientific Information (ISI) as one of the world's most highly cited plant scientists (top 0.5% of cited plant scientists-isihighlycited.com).



CHRISTOPHER PRESTON

Dr. Christopher Preston is a Senior Lecturer in Weed Management at the University of Adelaide in Australia. He completed his Ph.D. at the Australian National University in Canberra in 1987. After working in the U.S. for three years, he returned to Australia in 1990 to work with Professor Steve Powles at the University of Adelaide. Since then his research has focussed on the understanding and management of herbicide resistant weeds. He has authored or coauthored one book, six book chapters, 55 journal articles, and 31 published conference papers related to herbicide resistance or weed management. He has co-supervised 27 postgraduate students, teaches undergraduate students and is the Education Program Leader for the CRC for Australian Weed Management. He has produced one registered crop cultivar. He won the “Seed of Light” award for research communication from the Grains Research and Development Corporation in 2001, the Medal for Leadership from the Council of Australasian Weed Societies in 2006 and the Weed Management Society of South Australia Award for Outstanding Contribution to Weed Management in South Australia in 2006. Recent research interests are the evolution and management of glyphosate resistance, implications and impacts of gene flow for weeds and weed management risks in no-till farming systems.



Industry Sponsor: BASF

Outstanding Reviewers Awards

ALAN DEXTER

Alan Dexter received his B.S. and M.S. degrees from the University of Nebraska and Ph.D. in Weed Science and Agronomy from the University of Illinois in 1969. Since his graduation, Dr. Dexter has been Extension Sugarbeet Specialist with a joint appointment between North Dakota State University and the University of Minnesota. He has responsibility for developing integrated weed control systems for sugarbeet and for educating sugarbeet growers in North Dakota and Minnesota on all aspects of weed control. Dr. Dexter has been a reviewer for *Weed Science* and *Weed Technology* since 1988, served as Editor of the *Journal of Sugarbeet Research* for eight years and was Editor of the *North Central Weed Science Society Research Report* for seven years. Dr. Dexter has served WSSA as Secretary, Council for Agricultural Science and Technology Representative, Board of Directors Member, and as chair or member of several committees. He is a Past-President of the NCWSS and of the American Society of Sugarbeet Technologists. Awards and honors include the WSSA Outstanding Extension Worker Award, WSSA Fellow Award, NCWSS Honorary Member, American Society of Sugarbeet Technologists Honorary Member, Sugarbeet



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WSSA AWARDS CONTINUED from pg 11

Distinguished Service Award from the Sugarbeet Research and Education Board of Minnesota and North Dakota, Excellence in Extension Award from North Dakota State University, and the Torch and Shield Award from the University of Minnesota-Crookston.

DAVID SHAW

David Shaw grew up in southwestern Oklahoma on a farm producing peanuts, wheat, cattle, and truck crops. While farming full-time in a family operation, he received his B.S. in Agronomy at Cameron University. After completion of his B.S. degree, David moved to Oklahoma State University to obtain his M.S. and Ph.D. degrees in Weed Science. While at Oklahoma State, he was recognized as the Outstanding Ph.D. Student by the department, the university, and the Weed Science Society of America. He moved to Mississippi State University in 1985, where he is currently Giles Distinguished Professor of Weed Science and Director of the GeoResources Institute at Mississippi State University. Dr. Shaw began his career at Mississippi State in 1985 as an Assistant Professor of Weed Science. His research focused particularly on optimizing weed management practices to maintain farm productivity while improving surface water protection and management, and development of Best Management Practices for protection of surface waters from pesticides. Because of his developmental efforts in applying spatial technologies to these research areas, MSU appointed Dr. Shaw as the first Director of the Remote Sensing Technologies Center in 1998. Honors and awards include MSU's highest distinction as a William L. Giles Distinguished Professor in 1998, the Ralph E. Powe Research Award (MSU's highest recognition for research) in 2000, election as a Fellow in the Weed Science Society of America in 2002, the Outstanding Alumnus Award from Cameron University in 1999, and the Grantsmanship Award from the Mississippi Agricultural and Forestry Experiment Station in 1997. He has received the research and teaching awards from both the WSSA and the Southern Weed Science Society. He recently completed his term as the President for the Southern Weed Science Society. Dr. Shaw has published his research widely, with over 130 journal articles, 32 experiment station and extension bulletins, and over 300 abstracts from conference presentations. His students have received numerous awards at the state, regional, and national levels. Currently ten of his former students are in faculty positions with landgrant universities or the USDA/ARS.



Sponsor: WSSA



Outstanding Research Award

JIM GRIFFIN



James L. "Jim" Griffin is the Lee F. Mason LSU Alumni Association Professor in the Department of Agronomy and Environmental Management at Louisiana State University in Baton Rouge, Louisiana. He grew up on a row crop and livestock farm in Greenville, Mississippi, and as a youth was active in 4-H. He received his B.S. in Agronomy (1975) and M.S. in Agronomy/Weed Science (1976) from Mississippi State University. In 1979, he completed a Ph.D. in Agronomy/Crop Management and Physiology at Pennsylvania State University. He currently holds a research and extension appointment with the LSU AgCenter and a teaching appointment with the College of Agriculture. Research emphasis has been directed toward weed-pathogen-herbicide and weed-insect interactions; herbicide drift and spray application technologies; reduced tillage weed management programs; development of diversified, sustainable, and economical weed management strategies; and weed biology and interference. Research has been conducted in soybeans, corn, sugarcane, rice, grain sorghum, wheat, and cotton, and significant funding support has been provided by the state commodity groups. Efforts with colleagues also have resulted in competitive grant funding from USDA, EPA, and Louisiana Department of Environmental Quality. Over the last 21 years, he has generated around 2.36 million dollars in extramural support. Jim has chaired or co-chaired 30 graduate committees and has served as committee member for 35 other graduate students. In recognition of teaching contributions he received the Joe E. Sedberry Award as the Outstanding Graduate Teacher in the College of Agriculture at LSU and also the WSSA Outstanding Teacher and Southern Weed Science Society (SWSS) Outstanding Educator Awards. During his career he has published four book chapters, 100 refereed journal articles, 10 Experiment Station Bulletins, and 280 abstracts co-authored with graduate students and colleagues. Jim served as Executive Board member of SWSS and is active on various committees in both SWSS and WSSA. He has served as Associate Editor for *Weed Technology* journal and on numerous peer review panels for competitive grants. In recognition of research accomplishments Jim was recipient of the Research Award from the LSU Chapter of Gamma Sigma Delta, the First Mississippi Corporation Award for outstanding research in the Louisiana Agricultural Experiment Station, and the Doyle Chambers Research Award for career contributions to Louisiana Agriculture. He has been recognized by SWSS as the Outstanding Young Weed Scientist and Weed Scientist of the year and received the Distinguished Service Award. In 2004 he was named a WSSA Fellow.

Industry Sponsor: Dow AgroSciences

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Outstanding Extension Award TOM PEEPER

Thomas F. "Tom" Peeper is a Warth Distinguished Professor of Agronomy (Weed Science) in the Plant and Soil Sciences Department at Oklahoma State University in Stillwater. He was raised in Apache, Oklahoma, where he worked in his father's farm equipment business and helped his brothers raise wheat and cattle.



After receiving his B.S. and M.S. from Oklahoma State, he served his country as a U.S. Army Officer for three years, including a tour of duty in Vietnam with the First Cavalry Division. He completed his Ph.D. at North Carolina State University in 1975 and was a field development manager for Velsicol Chemical Company until 1976 when he accepted a newly created faculty position at Oklahoma State University as the project leader for Small Grains Weed Science. His research has focused on integrated management of weeds in wheat and canola in the Southern Great Plains, including chemical, cultural, and biological methods. His research has been very strongly supported by the Oklahoma Wheat Commission, the Oklahoma Wheat Research Foundation, Industry Cooperators, EPA, USDA, and by many individual wheat growers. With his students he has published 63 refereed journal articles, over 150 abstracts and co-authored three book chapters. Although Dr. Peeper has no extension appointment, he has authored or co-authored several extension publications including a recipient of the ASA's Educational Materials Award in 2001. He has emphasized onfarm research and grower involvement throughout his career. He has served as major advisor for 45 graduate research assistants, and as a committee member for 20 others. He is an advocate of interdisciplinary research and of stimulating thesis projects. He is proud of his former student assistants, who include faculty members at Arkansas, Cameron, Kansas State, Mississippi State, Oklahoma State, and Texas A & M Universities, USDA scientists, and many other successful agricultural professionals. He served for many years as a faculty advisor to the OSU Agronomy Club, during which time it was named the outstanding club in the USA by the American Society of Agronomy for 13 consecutive years. He holds a joint research-teaching appointment and teaches both undergraduate and graduate level courses. He served as Editor of the SWSS Newsletter from 1984–89, on the SWSS Board of Directors from 1989–91, as trustee and then President of the SWSS Endowment Foundation in 1999–2000, as chairman of eight various SWSS committees, and as a member of many others. He has served on several WSSA committees and as an Associate Editor for *Weed Technology* for 12 years.

Industry Sponsor: Syngenta Crop Protection

Outstanding Industry Award DENISE MAURICE



Denise Maurice received her B.Sc. and M.Sc. at the University of Manitoba, majoring in Weed Science under Dr. Ian Morrison's thoughtful direction. In 1982 she was the Weed Research Supervisor for Alberta Agriculture, Food and Rural Development. At AAFRD she conducted applied research on many weed species in cereals and oilseeds. In addition, Denise implemented a herbicide resistance action plan for the province and conducted the first Alberta Weed Resistance Survey in conjunction with Dr. John O'Donovan. She is extensively involved in numerous extension and training activities relating to herbicide use and integrated weed management. Denise joined Westco in October 1995, where she established an agronomy extension program. She was also responsible for Westco's agronomic publications, training and website. At Westco Denise developed the CCA training program in the area of Integrated Pest Management, including the development of AgroManager on Weeds, Insects and Diseases, an innovative software series that provides comprehensive state-of-the-art information including economic thresholds and scouting techniques of the economic pests in western Canada. Denise is presently employed with Agricore United as the Technical Development Manager – Crop Protection, where she is responsible for the Crop Protection Performance Check research program and coordinates the Crop Scout program for western Canada. She is Agricore United's technical advisor to the trade merchants on the implications of pesticide use on International grain markets. She also is responsible for the development of technical information for the Agricore United's websites. Denise is active in the Canadian Weed Science Society, where she served as Local Arrangement Chair in 1993, 2001 and President in 2005.

Sponsor: WSSA



Honorary Member BERNAL E. VALVERDE

Bernal Valverde has been an Associate Professor in the Department of Agricultural Sciences at the Royal Veterinary and Agricultural University of Denmark (now the Faculty Life Sciences of the University of Copenhagen) since 1999. Born in Costa Rica, he obtained his B.S. and Licenciado degrees from University of Costa Rica and joined the National University (Costa Rica) as instructor of Weed Science in 1981. Sponsored by the Latin American Program of American Universities (LASPAU) he completed his M.S. at Oregon State University (OSU) under the direction of Dr. Arnold Appleby. He also received the Ph.D. degree in Crop Science from OSU under the supervision of Drs. Steve Radosevich and Arnold Appleby. In 1989, Dr. Valverde returned to National University and two years later joined the Tropical Agricultural Center for Research and Higher Education (CATIE for its name in Spanish) where he served as Pesticides Specialist and Weed Scientist. At CATIE he was part of an interdisciplinary group working on Integrated Pest Management (IPM) in Tropical America. He taught graduate-level courses on pesticides and weed management and conducted applied and basic research, particularly on integrated management of itchgrass (*Rottboellia cochinchinensis*) and on herbicide resistance in junglerice (*Echinochloa colona*) in rice. At KVL, he has devoted most of his time to study the biology and management of weedy rice from Latin America, particularly in relation to gene flow from herbicide resistant rice varieties. Dr. Valverde became a member of WSSA as a graduate student and has attended several annual meetings since then. He has served in the International Affairs Committee, as the Liaison to the Mexican Weed Science Society and as a reviewer for *Weed Science* and *Weed Technology*. He is also a member of the Advisory Board of Outlooks on Pest Management (formerly *Pesticide Outlook*) and an Associate Editor for *Pest Management Science*. Dr. Valverde is the current President (2004–2008) of the International Weed Science Society; he previously was its Secretary Treasurer (2000–2004). Dr. Valverde also has his own small consulting firm in Costa Rica, Tropical Agriculture Research and Development (IDEA Tropical for its name in Spanish) and has consulted for several local and international organizations, including US AID and FAO.



Sponsor: WSSA



WSSA Fellow Award K. NEIL HARKER

Kenneth Neil Harker was born and raised in Magrath, Alberta, Canada. He received a B.S. degree in Agronomy from the University of Alberta in 1980, an M.S. degree in Weed Science at the University of Minnesota in 1982, and a Ph.D. in Weed Physiology at the University of Guelph in 1987. In 1985 Dr. Harker joined Agriculture and Agri-Food Canada at Lacombe, Alberta as a Research Scientist. He and his wife, Patti, are the parents of seven children: Karen, Jason, Matthew, Russell, Brian, Bethany, and Alissa. His weed management research is part of an integrated crop management focus on crop health and sustainable systems in cereals, oilseeds, and pulses. His specific research interests include weed management in direct-seeding systems, crop-weed competition, weed ecology, weed interactions with insects and pathogens, and species diversity in cropping systems. Neil's current research focus involves combining optimal agronomic factors to enhance weed management outcomes and improve net farm income. Neil feels very fortunate to associate and collaborate with many great colleagues. In 2001, Neil was appointed Adjunct Professor at the University of Alberta Department of Agricultural, Food and Nutritional Science and currently co-supervises four graduate students. He has published 110 scientific journal papers and eight book chapters. In 2000 he was awarded the Excellence in Weed Science Award by the Canadian Weed Science Society (CWSS). Neil has served as Chair of the Alberta Weed Advisory Committee, Chair of the Western Society of Weed Science (WSWS) Poster Committee, and President of the CWSS. He currently chairs the Sustaining Membership Committee in WSWS. In WSSA, Neil is currently serving his fifth three-year term as *Weed Technology* Associate Editor. He also serves on the following WSSA committees: *Weed Technology* Editorial, Publications, and Parent Awards (Chair).



ROBERT KREMER

Robert J. Kremer is a Microbiologist with the USDA-Agricultural Research Service Cropping Systems and Water Quality unit in Columbia, Missouri and an adjunct Professor of Soil Science at the University of Missouri. Bob was born and raised on a diversified crop and livestock farm in Osage County, Missouri. He received his B.S. and M.S. degrees in agronomy from the University of Missouri and Ph.D. in soil microbiology and biochemistry from Mississippi State University. Bob returned to the University of Missouri in 1982 as a postdoctoral fellow with Dr. R.J. Aldrich to investigate the microbiology of weed seedbanks in soils. Since joining USDA-ARS in



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1983, he has conducted research on microbial interactions with weed seeds and seedlings, biological control of weeds with rhizobacteria and insects, pesticide fates, integrated biological weed management in sustainable agricultural systems, and impacts of transgenic crops on soil and rhizosphere biological activities. His research has resulted in 88 refereed journal articles, 12 book chapters, a co-authored text on weed management principles, and numerous invited presentations on his research findings at national and international meetings. Bob assisted in developing the first graduate weed science course at the University of Missouri, which he continues to co-instruct, and has taught environmental soil microbiology and biochemistry annually since 2001. He has advised or co-advised 23 graduate students and served on 62 graduate student committees. He has served as Associate Editor for *Weed Science*, *Weed Technology*, and *Communications in Soil Science & Plant Analysis*. Additional service to WSSA has included membership on several committees, symposium organizer, and Abstracts Editor. He was co-author of the outstanding paper in *Weed Technology* in 1989. In 1999, Bob received the Distinguished Research Award from the North Central Weed Science Society. In 2003, he was named a Fellow of the American Society of Agronomy. Bob and Mo Kremer have been married nearly 32 years and have two children, Andy and Erin.

BRAD MAJEK

Dr. Bradley A. Majek received his B.S. degree in Agronomy from Cornell University in 1974. He obtained his M.S. Degree from Oregon State University in 1976 for work on the control of broadleaf dock in pastures. Dr. Majek returned to Cornell University for his Ph.D. to work on the biology of quackgrass and the translocation of glyphosate. From February 1980 until October 1981, he worked at the University of Minnesota as an Extension Specialist in weed control specializing in soybeans, dry edible beans, and sunflowers. In October 1981, he moved to Rutgers University to conduct research and extension programs in tree fruit and vegetable crops. Since his arrival, field crop and small fruit weed control has been added to his responsibilities. Most recently, his program has expanded to include cranberry weed control responsibilities. As a member of the Northeastern Weed Science Society and the Weed Science Society of America since 1977, Dr. Majek has worked for the societies in a variety of ways. He has been a section chairperson at the annual meetings of both the national and regional societies. For the Northeastern Weed Science Society, Dr. Majek has served on the Collegiate Weed Science Contest Committee, and hosted the second annual contest at Rutgers University in 1985. Election to the NEWSS Executive Committee followed in 1986 as Secretary-Treasurer until his term expired in 1992. In 1993, Dr. Majek was elected to



the NEWSS Executive Committee to serve an additional four-year term as Vice President and Site Selection Committee Chair, President Elect and Program Committee Chair, President, and Past President. For the WSSA, he has served on the Placement Committee, the "Outstanding Teacher Award" subcommittee, and as the chairperson of the "Outstanding Teacher Award" subcommittee. Dr. Majek is a Past President of the WSSA. He served his term as President of the Weed Science Society of America from February 2002 to 2003.

KEVIN VAUGHN

Kevin Vaughn is a native of Massachusetts and attended Clark University (BA with honors 1976) and Miami (of Ohio) University (PhD 1980). His first paper, from his honors thesis, was published in *Theoretical and Applied Genetics*. Eighteen papers resulted from his Ph.D. work on maternal inheritance in plants, including one paper in *Science*. Kevin's only job (1980-present) has been with the Southern Weed Science Laboratory, ARS-USDA, Stoneville, Mississippi where he has conducted research on the mode of action of herbicides, mechanisms of herbicide resistance, parasitic weeds, and most recently, weedy vines. Most of these studies involve the use of cell biological techniques to answer questions in weed science and Vaughn has developed many new techniques in this area. Approximately 170 papers have been published from this work. Vaughn has given invited addresses to the American Chemical Society, Australian Weeds Conference, AIBS, American Society of Plant Biologists, Botanical Society of America, British Bryological Society, Southern Weed Science Society and Weed Science Society of America. Five NRI grants and 12 in-house research associate positions have been obtained, that have greatly facilitated his studies. Among the awards won by Vaughn are the Young Weed Scientist and research awards from WSSA and the Mid-South area Scientist of the Year from ARS. Aside from his research interests, Vaughn maintains a large ornamental plant breeding program, with over 200 varieties of plants on the market, including many award-winning varieties on the market, and also plays oboe, English horn and E_♭ clarinet in several orchestras.



WASHINGTON REPORT

by Lee Van Wychen, Director of Science Policy

Things inside the DC Beltway have never been busier! The Farm Bill reauthorization for 2007 is in full swing... A new Congress has been dealing with a new FY2008 budget... The National and Regional Weed Science Societies have been working to advance their member's objectives and have conducted annual meetings in Milwaukee, Baltimore, Nashville, San Antonio and Portland... We have just completed another successful National Invasive Weed Awareness Week... and I have been very busy working on a number of exciting initiatives that are part of the WSSA's Long Term Strategic Plan.

USDA UNDER SECRETARY BUCHANAN ADDRESSES WSSA IN SAN ANTONIO

Many of you had a chance to attend the Monday general session during the WSSA annual meeting in San Antonio, TX. We were very fortunate to have Dr. Gale Buchanan, USDA Undersecretary for the Research, Education, and Economics (REE), present the Administration's 2007 Farm Bill proposal. Dr. Buchanan discussed the highlights of the Administration's Farm Bill proposal and provided excellent insight on Title VII of the Farm Bill on how the USDA is working to reorganize and revitalize their research, education, and economics mission and increase investment in high priority areas of research such as specialty crops, bio-energy, and bio-based products. The WSSA greatly appreciates Dr. Buchanan's support and time and is honored that he is a member of the WSSA.

The Administration is recommending several reforms and new initiatives for future agricultural research and the following is a list of the major components of the package.

- Consolidate USDA's Agricultural Research Service (ARS) and the Cooperative State Research,

Education, and Extension Service (CSREES) into a single agency named the Research, Education, and Extension Service (REES), which will coordinate both intramural and extramural research, extension, and education programs.

- Rename the Research, Education, and Economics (REE) mission area the Office of Science.
- Establish an annual \$50 million Agricultural Bio-Energy and Bio-Based Products Research Initiative to advance fundamental scientific knowledge for the improved production of renewable fuels and bio-based products.
- Establish an annual \$100 million Specialty Crop Research Initiative to provide science-based tools for the specialty crop industry.

Please visit www.usda.gov/documents/07finalfbp.pdf to view the USDA's full 2007 Farm Bill proposal.

WSSA COMMENTS ON AGRICULTURE RESEARCH TITLE PROPOSALS IN 2007 FARM BILL

The Administration's 2007 Farm Bill proposal is mentioned above. The other two proposals that have various levels of support among different stakeholder groups are CREATE-21, which stand for Creating Research, Extension, and Teaching Excellence for the 21st Century (CREATE-21) and the National Institute of Food and Agriculture (NIFA) proposal. The CREATE-21 proposal calls for the consolidation of elements currently within USDA's Research, Education, and Economics program area (and Forest Service R&D) within a new "National Institutes for Food and Agriculture" in order to enhance the integration, efficiency, and flexibility of programmatic efforts in research, extension, and education. While sustaining existing intramural and university capacity funding, the Institute will also provide substantial new

funding for competitively-awarded research, extension, and education grants. Finally, the CREATE-21 proposal includes major elements of the Danforth proposal for the creation of a National Institute of Food and Agriculture to substantially increase fundamental research within USDA. For more information, please visit: www.create-21.org

On March 9, 2007 members of the WSSA Board of Directors, the WSSA Science Policy Committee, and the Regional Weed Science Society Presidents approved the following position statements regarding the various agricultural research title provisions in the 2007 Farm Bill. These position statements will help the National and Regional Weed Science Societies actively support legislation that meets these goals.

- **Reauthorize Strong Research Title.** The full range of research, extension and education (REE) provisions—including intramural (ARS, ERS, FS) and extramural [base funding (Formula Funds); competitive grants (NRI, CAP grants); and high priority/emergency needs]—is vital to meeting the challenges and opportunities that the U.S. food and agricultural sector face in the coming years. The integrated approach of the NRI and similar programs has been especially effective and should be strengthened.
- **Commit to Double Funding in Next 5 Years.** The provision in the current farm bill calling for agricultural research funding to be doubled over the next five fiscal years should be retained. The NIFA approach, the USDA farm bill proposal and the CREATE-21 proposals are unified in their call for enhanced public investment in food and agricultural REE.
 - WSSA endorses the stated objective of CREATE-21 to double federal funding for food and agricul-

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tural REE, through mandatory spending of \$200 million annually combined with increases in discretionary spending.

- WSSA applauds the USDA proposal for recommending a significant increase in federal funding in the next research title, through both mandatory and discretionary spending. Targeted increases in biofuels and specialty crops research represent a strong beginning, but other chronically underfunded areas remain to be addressed.
- **Authorize NIFA.** WSSA supports establishment of a National Institute for Food and Agriculture (NIFA) in USDA. NIFA was recommended by a USDA REE Task Force to address a significant gap in fundamental research. Funding must be in addition to critical funding for existing USDA REE programs.
- **Increase Funding for Existing Programs.** Chronic underfunding in the NRI and other programs remains to be addressed through the authorization and appropriations process.
- **Encourage Interagency Partnerships.** Strengthen current authorities used by USDA to leverage funds by partnering with other agencies to fund critical projects (for example, DOE, NSF, NASA).
- **Strengthen Stakeholder Participation.** WSSA urges expanded public participation in the Administration's REE priority setting and funding decision process.
- **Debate Organizational Reform Proposals.** WSSA believes any consolidation or reorganization must preserve and enhance the level of cooperation among intramural and extramural REE functions of USDA and universities and other partners and retain institutional memory. Proposed reforms in the USDA and CREATE-21 proposals concerning the organization of USDA's research mission will help stimulate serious debate about how to optimize and maximize this critical federal investment in the future of the U.S.

food and agriculture system and the public benefits such investments provide.

WSSA BIOFUELS AND INVASIVE PLANTS WHITE PAPER

In response to the major surge in renewable fuels initiatives going on at the Federal and State levels, the WSSA has formulated a white paper that addresses the concerns and issues occurring at the interface of invasive weeds and plants being grown for cellulosic biomass energy production. Special thanks to WSSA members Nelroy Jackson, Jodie Holt, and Joe DiTomaso for drafting these comments on a very short timeline.

Biofuels and Invasive Plant Species

A variety of plant species from a range of taxa, including crops and wild plants, are being considered for use as biofuels. It is important to consider not only the economic and social benefits of these species, but the potential risks associated with their introduction and propagation.

Biofuel crops can have economic benefits, but in some cases can also have the potential to escape cultivation and become invasive in natural ecosystems. For example, of the many grasses being evaluated or considered as biofuels, most are rhizomatous perennials and a few have already been shown to be extremely invasive in many communities (e.g., giant reed [Arundo donax] and reed canarygrass [Phalaris arundinacea]). Similarly, woody species under consideration, such as Chinese tallowtree (Sapium sebiferum), are also very invasive in many southern states. These species threaten riparian areas and wetlands, alter fire cycles, and have a negative impact on wildlife habitat.

Ideally, plants used as an economically efficient source of biofuel should be easily propagated in highly managed agricultural systems, but should not be capable of surviving outside of such cultivation. This is true for nearly all of the major crops currently grown in the US, including rice, wheat, corn, soybean, cotton, tomato and alfalfa. Similar expectations should apply to biofuel crops. Without this expectation, the benefits of crop-based biofuel production may be offset by

far greater economic and ecological damage caused by their invasion into sensitive natural ecosystems, as well as drainage and irrigation canals.

Although introducing some plant species as biofuel sources may be safe and beneficial to society, the environmental and ecological risks associated with their potential escape and invasion into natural systems must be evaluated along with the agronomic or economic benefits. Similar evaluations and analyses are already mandatory for biological control agents and transgenic plants, and should be in place before decisions are made regarding the use of biofuel plants.

8TH NATIONAL INVASIVE WEEDS AWARENESS WEEK (NIWAW 8) A SUCCESS

Despite Mother Nature's attempt to thwart us, we had 170 people participate in the 8th National Invasive Weed Awareness Week. I would like to personally thank the outstanding efforts by Nelroy Jackson for helping coordinate and plan NIWAW activities. Also, many thanks to Jill Schroeder and Jeff Derr for traveling to Washington, DC to participate in the week's events and helping out with all the planning. Jeff Derr submitted the following comments to the WSSA Board of Directors. I have modified them slightly for the newsletter, but felt they very accurately reflect NIWAW! Thanks, Jeff!

I wanted to update you on our activities in Washington, D.C. during the 8th National Invasive Weed Awareness Week (NIWAW). We accomplished a lot during our time there!

First of all, the participants: Jill Schroeder and I formally represented the WSSA board during the week. Linda Nelson, John Madsen, Kurt Getsinger, Janet Clark, Mike Chandler, Al Tasker, Jen Vollmer, and George Beck also participated. Nelroy Jackson chaired the Invasive Weed Awareness Coalition (IWAC) that organized NIWAW and Lee Van Wychen organized our visits during the week, as well as helping Nelroy with meeting planning.

I would like to thank Nelroy and Lee
CONTINUED on pg 18 >>>

for all their hard work on NIWAW. They both did a tremendous amount to prepare for the week, as well as ensuring that all events went smoothly. They also made sure that Jill, I, and WSSA were formally recognized during the various events. WSSA was mentioned frequently during the week, which was nice to see.

I thought I would let you know about the events in which Jill and I participated. We had an orientation session Sunday evening. Lee, Nelroy and I met with the North American Weed Management Association (NAWMA) board. They, as well as others during the week, expressed keen interest in the new journal.

On Monday morning, we heard presentations from the Army Corps of Engineers, the Nature Conservancy, the Council of Environmental Quality, and EPA, among others. What was amazing to me was that the EPA official, Debbie Edwards, specifically mentioned WSSA in her talk. That afternoon, Jill, Lee, John Jachetta, and I met with 12 EPA officials, including Debbie Edwards, Don Stubbs, John Leahy, and Bill Chism, among others, in regards to us providing assistance to them through a liaison, plus other possibilities. We heard about EPA's timeline for herbicide reregistration and registration review assessments. This was a productive meeting and I am sure we will follow up with further dialogue with EPA.

On Tuesday morning, we heard presentations from a variety of USDA agencies involved in invasive plant management, including APHIS, ARS, CSREES,

and NRCS, among others. We had an opportunity to interact with Del Delfosse and John Lydon, among others. John and I discussed the possibility of ARS having their stakeholder/ARS planning meeting at the 2008 WSSA meeting (I had discussed this with some of you in San Antonio). Tuesday afternoon, Lee, Jill and I met staffers for Senators Domenici, Bingaman, and Webb. We presented three position papers (National Parks Service agreements with landowners, Salt Cedar, and Noxious Weed Control bills), along with a white paper on biofuels and invasive plants that was developed by Joe DiTomaso, Jodie Holt, and Nelroy.

Wednesday morning we heard reports from various agencies in the Department of the Interior. Jill, Lee and I met with Colien Hefferan, Administrator for CSREES. Rob Hedberg set up this meeting and sat in. She was very interested in our white paper on the biofuels/invasive plant issue. We had hoped to discuss NRI funding but did not have time. Wednesday afternoon we listened to reports from various non-government agencies, including the Nature Conservancy, Wildlife Forever, Union of Concerned Scientists, and the State Depts. of Agriculture, among others.

Wednesday evening we had a reception at the US Botanic Garden with yours truly as emcee for the awards presentation (Jill had the honor last year). George Beck was one of the awardees. About 240 people attended the reception, including three congressional staffers and members from a range of government agencies.

Excellent place for a reception with time for informal discussions.

Thursday morning we heard presentations from FICMNEW (Federal Inter-agency Committee for the Management of Noxious and Exotic Weeds), including APHIS, USGS, and DOT/FHWA. For lunch, Nelroy arranged for Jill, Lee, and me to meet with the Garden Club of America board. They are a large group and thus it would be good to partner with them wherever possible. Thursday afternoon included a briefing from the National Invasive Species Council, and there was a debriefing meeting run by Nelroy.

I feel we made some excellent contacts during our week in DC. I am sure we will discuss during the summer board meetings some of the ideas we talked about at NIWAW. I feel it was very worthwhile for Jill and I to participate in NIWAW and I think the time Nelroy and Lee devoted to this activity was time well spent.

Jeff Derr

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ANNUAL MEETING SATISFACTION POLL

The Weed Science Society of America Membership and Affiliation Committee is planning to poll the membership to assess satisfaction with the annual meeting. Our goal is to improve attendance by increasing the value of the annual Weed Science Society of America meeting. In addition, we plan to assess graduate student numbers in weed science as these students represent the WSSA of the future. The survey is anticipated for late spring or early summer 2007. It will likely be an electronic survey and will require a minimum of time expenditure. You are encouraged to participate and respond to the survey questions when it is available. Without your inputs and ideas, your Society cannot meet your professional and scientific needs through our annual meeting.

Your Help Needed — Adding New Information To the WSSA Website

Hopefully you have had a chance to visit the new WSSA website. A key to the success of the website will be keeping it current; adding, deleting or changing information as necessary. We need your help in achieving that objective if the WSSA site is to become one of the first places people look for information on weed identification, biology, management as well as the weed science discipline in general.

In order to better focus suggestions and contributions, the board has assigned ownership of individual website pages to specific committees. It will be that committee's responsibility to generate and/or communicate new information that would be of interest to members and/or nonmembers of WSSA, as well as ensuring that links and other information are current. Work with your fellow committee members to develop ideas for web content. If you would like to add information to a page for which you are not a current committee member, please send that information to either the chair of the committee responsible for that page or to Tom Fermanian <fermo@uiuc.edu>, our web editor. Tom will work with each of our committees, formatting material they generate so that it can be posted to our website.

Listed below are the various sections of the website paired with the committees the board felt most appropriate matched the content. Please let us know if you have any other suggestions for improving our website. We have a great opportunity to broaden our visibility and influence as a society and we very much look forward to the only thing that will make this possible — your active contributions.

WSSA Website

Maintenance Committee Assignments

Assignments listed in order of website sitemap

Homepage [Board]
 Store/Books and Media [Executive Secretary]
 About us [Board]
 Frequently Asked Questions [Website P23]
 Links [Website P23]
 Society information
 Constitution/MOPs [Constitution/Operating Procedures W10]
 Committees [Vice President]
 Meeting minutes [Secretary]
 Join/renew [Executive Secretary/Membership and Affiliation F4]
 Awards nomination [Award Committee W3]
 Sustaining members [Sustaining membership F5/ Executive Secretary]
 Publications (journals) [Publication board P1]
 Newsletter [Newsletter P8]
 Abstracts [Abstracts P11]
 Science Policy [Science Policy E2]

Students [Graduate Student Representative]
 Jobs [Placement W12]
 Member resources
 Member directory/profile [Executive Sec./ Membership and Affiliation F4]
 Ballots and surveys [Nominating committee W6/ Executive Secretary]
 Grants [Research and Competitive Grants E6]
 Committee forums [Website P23]
 WSSA annual meeting [Executive Secretary/Local Arrangements W2/Program W1]
 Previous Annual Meetings [History and Archives W8]
 Other Meetings [Liaison committee E1/International Affairs F8/Board/regional reps.]
 Weeds
 Photo gallery [Education W5]
 Common/scientific names [Standardized Plant Names P22b]
 Weed id links [Extension W11]
 Biology [Biology of Weeds W4/Weed loss E11]
 Resistance [Herbicide Resistant Plants E12]
 Management tools
 Integrated [Integrated Weed Management W17]
 Biological [Biological Control of Weeds W16]
 Cultural [Integrated Weed Management W17/ Sustainable Ag. W20]
 Herbicide names [Terminology Parent P22/ Herbicide Handbook P6]
 Herbicides Extension [W11/Herbicides for Minor Crops E10]
 Computer tools [Website P23]
 Management systems [Extension W11]
 Invasive Plants [Federal Noxious/Invasive Weeds E4/ Weed Alert W13]
 Health Issues [Education W5/Environmental Quality E8]

Assignments ordered by committee code number

No.	Committee Name	Pages Assigned
	Board	Homepage; About us; Other Meetings
	Vice President	Committees
	Executive Secretary	Store/Books and Media; Sust members; Member dir/profile; Ballots and surveys; WSSA annual meeting
	Secretary	Meeting minutes
	Graduate Student Rep	Students
	Regional Representatives	Other Meetings
E1	Liaison committee	Other Meetings
E2	Science Policy	Science Policy

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COMMITTEES CONTINUED from pg 19

E4	Federal Noxious/ Invasive Weeds	Invasive Plants
E6	Research and Competitive Grants	Grants
E8	Environmental Quality	Health issues
E10	Herbicides for Minor Crops	Herbicides
E11	Weed loss	Biology
E12	Herbicide Resistant Plants	Resistance
F4	Membership and Affiliation	Join/renew; Member directory/profile
F5	Sustaining membership	Sustaining members
F8	International Affairs	Other Meetings
P1	Publication board	Publications (journals)
P6	Herbicide Handbook	Herbicide names
P8	Newsletter	Newsletter
P11	Abstracts	Abstracts
P22	Terminology Parent	Herbicide names
P22b	Standardized Plant Names	Common/ scientific names
P23	Website	FAQs; Links; Committee forums; Computer tools
W1	Program	WSSA annual meeting
W2	Local Arrangements	WSSA annual meeting
W3	Award Committee	Awards nomination
W4	Biology of Weeds	Biology
W5	Education	Photo gallery; Health issues
W6	Nominating committee	Ballots and surveys
W8	History and Archives	Previous Annual Meetings
W10	Constitution/ Operating Procedures	Constitution/ MOPs
W11	Extension	Weed id links; Management systems; Herbicides
W12	Placement	Jobs
W13	Weed Alert	Invasive Plants
W16	Biological Control of Weeds	Biological
W17	Integrated Weed Management	Integrated; Cultural
W20	Sustainable Ag.	Cultural

Ed Luschei, Chair, Website Committee
and Jeffrey Derr, President-Elect

APMS Graduate Assistantship Available for 2007

A graduate assistantship in the area of aquatic plant management and ecology is being offered by the Aquatic Plant Management Society (APMS) and the Aquatic Ecosystem Restoration Foundation (AERF). Co-sponsors of this academic award include regional APMS chapters.

Objective: To provide a stipend for a full-time graduate student to conduct research in aquatic plant management techniques (used alone or integrated with other management approaches) or in aquatic ecology related to the management of regionally or nationally recognized nuisance aquatic vegetation.

Applications: Solicitation for proposals is open to any full-time faculty member and/or graduate student of an accredited U.S. academic institution. A faculty sponsor must be indicated if the application is submitted by a graduate student.

Amount: \$60,000

Duration of Award: Two years (\$30,000 per year)

Proposal Deadline: Applications must be postmarked no later than April 30, 2007.

Guidelines for Proposals: Proposals should contain a concise statement of the project, including its purpose and justification, as well as sections that discuss study objectives, methodologies, schedule, budget, and planned publication of results. The APMS will not pay overhead/indirect costs on approved projects. Resume of faculty applicant and graduate student (if known), not to exceed two pages each, should be included. Proposals should not exceed 10 pages and must be signed by the applicant and appropriate University official. An original and electronic copy should be submitted to:

Mr. Carlton Layne
3272 Sherman Ridge Dr.
Marietta, GA 30064
Phone: 678-773-1364
Fax: 770-499-0158
Email: clayne@aquatics.org

Award: Notification of award will be provided to the faculty member by July 2007, with initiation of the stipend scheduled for the 2007-2008 academic Year.

Inquiries: For further information, please contact Carlton Layne at the address above.

THINK NEWSLETTER
Deadline for July issue
June 1, 2007

Report on Survey to Assess Viability and Need for New Journal on Invasive Plant Science and Management

Ad hoc committee/Publication Survey Committee Members:
Co-Chairs: Lars Anderson and Vanelle Carrithers,
Members: Joe DiTomaso, Kevin Gibson, Janet Clark, John Jachetta, Greg MacDonald, and ad hoc Mike Foley

In the last newsletter we described the background on the committee and the results of an intensive survey of potential users of a new journal around invasive plants. The survey not only indicated a strong need for the journal, it also clearly showed that there are many who would help to produce it. Based on the strong support shown in the results of the survey, the ad hoc Publications Survey Committee recommended to the WSSA Board that a new journal be established on invasive plant sci-

ence and management. At the summer meeting, the Board voted to approve the recommendation and asked the committee to develop a five year operational/financial plan for establishment of a journal with the working title, Invasive Plant Science and Management (IPSM). The committee worked with consultants to write a draft operational plan. At the annual meeting in February, there were discussions with the Board about the operational plan at the board meeting and WSSA members about the journal concept a noon Roundtable. All input was greatly appreciated.

The Board voted to approve the establishment of a new journal and also to hire a Project Manager to coordinate its rapid development. Since the February meeting Janet Clark has been hired as the Project Manager to

work with Mike Foley and the Publications Committee especially the subcommittee (formerly the ad hoc committee on the new journal). An editor will probably be hired by July 2007.

The intent is to bring peer-reviewed research on invasive plants, including reviews centered on management, biology/ecology restoration, so that it is easily accessible to land management managers and scientists working on invasive plants. Articles will also include peer reviewed case studies of land management programs. The journal is tentatively planned to be issued quarterly and to be available in print and on-line versions. If you have any input or want to contribute to this effort, please contact Janet Clark at (406) 994-6832.

PEOPLE & PLACES IN THE NEWS

Mark Renz joined the Department of Agronomy at University of Wisconsin-Madison as an Assistant Professor and Extension Weed Scientist to conduct research and extension on weeds of perennial systems and on the biology, ecology and management of perennial and invasive weeds. His B.S. and Ph.D. are from the University of California-Davis. Dr. Renz's dissertation research was on the biology, ecology and management of perennial pepperweed. Mark was an Extension weed scientist at New Mexico State University before joining the University of Wisconsin.

Mark Renz joined the Department of Agronomy at University of Wisconsin-

A team at Oregon State University led by **Carol Mallory-Smith** was selected to receive the L. L. Stewart Faculty Scholar Award. This award recognizes outstanding faculty at Oregon State and provides resources to stimulate creative advancements in teaching, research, and extended education. It provides \$20,000, which may be used for those activities, including faculty release time. The team has proposed to develop online courses in Integrated Pest Management that would serve both university students on and off campus and agricultural professionals in the community.



PUBLICATION NEWS *from the Annual Meeting*

The Board of Directors voted to move forward with a new journal on Invasive Plant Science and Management. In the near future, a Project Manager will be appointed to launch the journal. The project manager and 'new journal' committee will be working to identify editors.

The Board of Directors approved the publication of supplemental data for *Weed Science* and *Weed Technology*. The cost will be \$25 per supplemental item. The Weed Science and Weed Technology editorial review boards will provide guidance and oversight on policies for inclusion of supplemental material. An example of supplemental materials would be a microarray analysis data set.

Abstract authors are reminded to use metric units in abstracts and posters.

Joyce Lancaster, Executive Secretary will be working with Oasis to transfer 2007 meeting abstracts to the WSSA website for long-term storage and retrieval.

Please take time to read the announcements in this Newsletter for Director of Publications, Weed Technology Editor, and WSSA Newsletter Editor.

Mike Foley
Director of Publications

NEWSS News

The Northeastern Weed Science Society held its 61st Annual Meeting at the Renaissance Harborplace Hotel in Baltimore, MD on January 2-5, 2007 with over 230 people in attendance. The theme of the meeting was "Broadening Our Weed Science Horizons." In addition to the typical seven sections (agronomy; conservation, forestry & industrial; ornamentals; turfgrass & plant growth regulators; vegetable & fruit; weed biology & ecology; and poster), the conference was highlighted by five symposia: "Ornamentals workshop," "Turfgrass — new and innovative chemistries for the golf course," "Horseweed management," "Invasive plants — weed management in establishment of riparian forest buffers," and "Invasive plant management course (organizational meeting)." During the conference an overarching membership survey was conducted regarding the NEWSS and a discussion about the future directions and needs of the society was lead by Dr. Rich Bonanno. Four deserving scientists were recognized at the conference: Drs. Larry Kuhns with Penn State and Brian Olson with Dow AgroSciences were awarded the Distinguished Member Award; Dr. Prasanta Bhowmik, with Univ. Massachusetts, received the Outstanding Educator Award; and Dr. Peter Dernoeden, with Univ. Maryland, was awarded the

Outstanding Researcher Award. The Graduate Student Presentation awards went to: 1st place: Bryan Dillehay Penn State Univ.; 2nd place: John Willis, Virginia Tech; 3rd Place: Kristine Averill. The Graduate Poster awards were presented to: 1st place: Joe Dauer, Penn State Univ. and 2nd place: Andrew Burt, Univ. Vermont. Graduate students were given the opportunity to socialize at a mixer and discuss government and weed management policy issues with Dr. Lee Van Wychen. During the conference, outgoing President Bill Curran passed the gavel to Renee Keese.

The NEWSS still believes the weed contest forum is a valuable teaching tool for weed science students. In 2006, the NEWSS boasted a very successful and diverse collegiate weed science contest hosted by DuPont at their Stein Haskell Research facility in Newark, DE. Virginia Tech will be the site of the 2007 contest on July 31. Electronic communication with society members and others has been enhanced by our website (www.newss.org). President Renee Keese has arranged to hold the 62nd Annual Meeting of the NEWSS at the Sheraton Society Hill in Philadelphia, PA on January 7-10, 2008.

Dwight Lingenfelter
NEWSS Public Relations

Flora ID Northwest, L. L. C. — Compact Discs

Comprehensive plant identification software and photographs for all known native and naturalized plants in 14 western and north central states and British Columbia.

This software is an easy-to-use tool for quickly identifying any plant that is growing on its own, whether or not it is a weed. It is used extensively by scientists and universities, as well as hobbyists and secondary students. Color photos are included for virtually all plant species, along with descriptive information, current scientific names and synonyms, and illustrated definitions of terms. All known native and naturalized vascular plants are included for each state or region, from grasses and flowers, to trees and ferns. A printable User's Guide and Tutorial is included in the Help program.

Statewide CDs are available for British Columbia, Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado, North Dakota, South Dakota, Nebraska, Kansas, Minnesota, Iowa and Wisconsin. Regional CDs are available for the Pacific Northwest (seven states plus BC) and the Great Plains (the Dakotas, Nebraska, Kansas, Iowa, Minnesota, Wisconsin and the eastern portions of Montana, Wyoming and Colorado).

System requirements: Windows 98 or higher, Internet Explorer 5.0 or higher (free download), 700 megabytes of free space on your hard drive. The CD can also run from the CD drive without installation.

Single CD price: \$99.95 for a single state or province, \$299.95 for the Pacific Northwest region, and \$249.95 for the Great Plains. A 15% discount is available for orders of 10 or more CDs shipped to the same address. Ten-site license price (includes 1 CD copy): \$330.00 for a single state or province, \$990.00 for the Pacific Northwest region, and \$825.00 for the Great Plains. Shipping and handling fee: \$6.00 per order for up to 10 CDs, and an additional \$2.00 for each CD over 10. The purchase of a Site License allows the purchaser to create a specified number of additional copies, or for the program to be used on a specified number of nodes on a network.

Price for a single state or province CD: \$105.95



NECROLOGY

DONALD E. DAVIS

Memorial service for Dr. Donald (Don) E. Davis, 91, of Auburn was Saturday, February 24, 2007, at 2:00 p.m. at Auburn United Methodist Church. Burial was at Auburn Memorial Park. Dr. George Mathison officiated. Visitation was held Friday, February 23, 2007, from 6–8 p.m. at Jeffcoat-Trant Funeral Home.

Dr. Davis, who died Wednesday, February 21, 2007 at his Oak Park apartment, was born January 12, 1916 in Illinois. He earned a Bachelor of Education from Eastern Illinois State University in 1938, and an Honorary Ph.D. in 1956. He received his M.S. from Ohio State University in 1940, and Ph.D. from Ohio State in 1947.

He served in World War II, and was only one of two from his infantry company to survive. He was in a number of major battles on the European front including the Black Forest, and the Battle of the Bulge. He declined the Purple Heart, but received four battle stars, the Combat Infantry Medal and the Good Conduct Medal. War memories were never spoken of, but he and his family were greatly impacted by the trauma.

Dr. Davis loved teaching at Auburn University. He and his wife, Dottie, enjoyed serving meals to his graduate students and treated them as family. He was named Outstanding Teacher at Auburn University in 1954, having received a similar honor at Ohio State University in 1947. He was an Alumni Professor from 1968–1974 and named Auburn University Distinguished Graduate Lecturer in 1977. He received the Weed Science Society of America Outstanding Teacher Award for 1978, and also named a Fellow in the American Academy for Advancement of Science that same year.

Dr. Davis held a number of elected offices, some of which include President of the Auburn University Faculty and Faculty Council (1956–1957); President of the Weed Science Society of America (1981–1982); President of the AU chapters of the Sigma Chi and Gamma Sigma Delta; and President of the Southern Section of the American Society of Plant Physiologists. In recognition of his 34 years of dedicated service to the University, the Auburn University Arboretum was named the Donald E. Davis Arboretum.

Don was an active member of Auburn United Methodist Church and the Auburn Lions Club. He is remembered by his children and grandchildren as a man of honesty, integrity, and great intelligence. Among their fondest memories were family fishing vacations and fun family times at the Lake Martin cottage at Happy Hollow. Once his son asked him what he did in World War II and he simply said, "I was a peacemaker." He brought peace to many during his lifetime, as he passed into the loving arms of Jesus.

"Blessed are the peacemakers, for they shall be called sons of God." Matthew 5:9. He is preceded in death by his wife of 59 years, Dorothy "Dottie" Davis, his parents and two sisters. He is survived by his daughter, Anne Davis Majure and her husband Miles of Darien, Georgia, and his son, Richey "Dick" Davis and his wife Ann Trucks Davis and four grandchildren: Dell (Beth) Majure, Miles Majure, Jr., Austin (Amy) Davis and Carrie Davis (Brian) Williamson, and two great-granddaughters, Mary and Madeline Majure.

In lieu of flowers, the family requests memorial donations to the Donald E. Davis Arboretum c/o Department of Biological Sciences, 101 Life Science Bldg., Auburn University, AL 36849. Jeffcoat-Trant Funeral Home directed, www.jeffcoattrant.com. Sign the guest book online at www.oanow.com.

Published in The Opelika-Auburn News on 2/23/2007.



POSITION ANNOUNCEMENTS

DIRECTOR OF PUBLICATIONS

The Weed Science Society of America is seeking a member to assume the duties and responsibilities of Director of Publications effective February 2008. The individual who takes the position must be appointed by the Board of Directors and able to make at least a three-year commitment to the position and membership on the Board.

Director of Publication duties:

1) Provide leadership in the formation of policy matters for all publications of the Society, but will not have the responsibility of editing, publishing, or marketing a major periodical or publication; 2) Provide point of contact and interact with journal publisher, special publications printer/publisher, and Executive Secretary as directed and to fulfill Contractual or Memorandum of Agreement obligations; 3) Recommend to the President candidates for appointment by the Board of Directors as Editor of *Weed Science*, Editor of *Weed Technology*, Editor of WSSA Abstracts, and Editor of the WSSA Newsletter; 4) Appoint Associate Editors of *Weed Science* and Associate Editors of *Weed Technology* upon recommendation by the respective Editors. The Director of Publications will inform the President of the appointments; 5) Serve as Chair of the Publications Board; 6) Serve as ex-officio member of the *Weed Science* Editorial, *Weed Technology* Editorial, Herbicide Handbook, and other publication activity committees as directed; 7) With the concurrence of the journal editors, recommend retiring Associate Editors to the Board of Directors for recognition with an appropriate plaque after a minimum of 2 years of service; 8) Provide copyright permissions in the general interest of the society as needed; 9) Serve on the WSSA Outstanding Reviewer Award Subcommittee; and 10) In consultation with the membership, identify ideas for a new publication (books, monographs, etc.) in applied and fundamental aspects of weed science.

To effect a smooth transition, the society plans to name a successor to the current director by mid-2007. Individuals interested in applying for the position or nominating a qualified individual are invited to do so in written form to the President by May 30, 2007. Applications should include curriculum vitae or resume. Applications and nominations will be evaluated by members of the Board of Directors.

Submit applications or nominations for Director of Publications by e-mail to WSSA President Dr. Jill Schroeder (jischroe@nmsu.edu) by May 30, 2007.



EDITOR, *Weed Technology*

The Weed Science Society of America is seeking a prominent weed scientist to assume the duties and responsibilities of the editor of the journal *Weed Technology* effective February 2008. The individual who takes the position must be able to make at least a three-year commitment to the journal.

Weed Technology focuses on understanding "how" weeds are managed. As such, it is focused on more applied aspects concerning the management of weeds. Topics for *Weed Technology* include the management of weeds and invasive plant species in agricultural, forestry, aquatic, turf, recreational, rights-of-ways, and other settings; design, efficacy, and impact of weed control tools; and technology for integrated weed management; scholarship in education, extension, and outreach methods and resources; technology and product reports; consulting; regulatory affairs. Symposia papers and reviews may be accepted after consultation with the editor.

The editor must possess a broad knowledge of the areas listed above and of the new directions in which the applied aspects of weed science, management, and technology are moving; provide a vision for the future direction of the journal; set journal editorial policy; select associ-

ate editors; select reviewers in conjunction with associate editors; solicit reviews on current topics, serve as arbiter when publication decisions are in dispute; and work productively with the associate editors, managing editor, publisher, Director of Publications, and editor of *Weed Science*. For additional details about the position, see the Manual of Operating Procedures at www.wssa.net.

To effect a smooth editorial transition, we plan to name a successor to the current editor by mid-2007. Individuals interested in applying for the position or nominating a qualified individual are invited to do so in written form to the Director of Publications by May 30, 2007. Applicants should ascertain that their institutions will permit them to assume the duties and responsibilities, and receive a stipend for this position. Letters of nomination must indicate that the nominee is aware of and has approved his or her nomination.

Applications should include curriculum vitae or resume and a statement of goals and vision for *Weed Technology*. Applications and nominations will be evaluated by members of the Publications Board and the committee will recommend candidates to the Board of Directors.

Submit applications or nominations for editor of *Weed Technology* by e-mail to Michael Foley (foley@m.fargo.ars.usda.gov) by May 30, 2007.



EDITOR, WSSA NEWSLETTER

The Weed Science Society of America is seeking a member to assume the duties and responsibilities of the WSSA Newsletter editor effective on or before February 2008. The individual who takes the position must be appointed by the Board of Directors and be able to make at least a three-year commitment to the position.

Duties: 1) Edit the WSSA Newsletter, 2) Assemble news of interest to

CONTINUED on pg 25 ➤➤

POSITION ANNOUNCEMENTS CONTINUED from pg 24

WSSA members from any reliable sources, 3) Write articles based on this information, 4) Take the lead to ensure that official notices of the Society such as call for papers, nominations, placement service, etc. are published at the appropriate time in the Newsletter, 5) Cause the Newsletter to be electronically published and made available to WSSA members and others interested in

WSSA activities via the website in January, April, July, and October each year, 6) Serve as an *ex off* member of the Publication Board, and 7) Place a complete copy of each volume in the WSSA archives.

Applications should include curriculum vitae or resume. Applications and nominations will be evaluated by members of the Publications Board and the committee will recommend

candidate(s) to the Board of Directors. Applicants should ascertain that their institutions will permit them to assume the duties and responsibilities, and receive a stipend for this position.

Submit applications or nominations for Newsletter editor by e-mail to Michael Foley (foleym@fargo.ars.usda.gov) by May 30, 2007.

Send Newsletter material to:

DAVID SHAW

WSSA Newsletter Editor

GeoResources Institute

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CALENDAR OF UPCOMING EVENTS

DATE	EVENT	LOCATION	CONTACT
April 16-18, 2007	Resistance 2007 Conference	Rothamsted Research Harpenden, Hertfordshire AL5 2JQ, UK	Resistance 2007 Conference Secretariat Office Rothamsted Research, Harpenden, Hertfordshire, AL5 2JQ, UK Tel: (+44) (0) 1582 763133 Fax: (+44) (0) 1582 760981 rres.resistance@bbsrc.ac.uk www.rothamsted.ac.uk/Research/Resistance2007.html
April 22-27, 2007	2nd National Conference on Ecosystem Restoration (NCER)	Kansas City, Missouri	www.conference.ifas.ufl.edu/NCER2007
May 22, 2007	59th International Symposium on Crop Protection	Faculty of Bioscience Engineering, Ghent University Ghent, Belgium	Pieter /spanoghe, Secretary ISCP Department of Crop Protection Faculty of Bioscience Engineering Ghent University Coupure Links 653, B-9000 Ghent, Belgium iscp@ugent.be Tel: +32 9 264 6009 Fax: +32 9 264 6249 http://www.iscp.ugent.be
June 3-7, 2007	International Parasitic Plant Society (IPPS) Meeting: 9th World Congress on Parasitic Plants	Omni Hotel Charlottesville, Virginia USA	www.cpe.vt.edu/wcopp Jim Westwood (westwood@vt.edu)
July 9-13, 2007	Information Agriculture Conference (InfoAg 2007)	Springfield, Illinois	www.infoag.org
September 17-21, 2007	9th International Conference on the Ecology and Management of Alien Plant Invasions Weed Science Society of Western Australia	Perth, Australia	
December 10-13, 2007	NCWSS Annual Meeting	St. Louis, Missouri	http://www.ncwss.org/
January 7-10, 2008	NEWSS Annual Meeting	Sheraton Society Hill Philadelphia, Pennsylvania	www.newss.org http://www.newss.org/
January 28-31, 2008	SWSS Annual Meeting	Jacksonville, Florida	http://www.swss.ws
February 4-7, 2008	WSSA Annual Meeting	Chicago, Illinois	www.wssa.net/
December 8-11, 2008	NCWSS Annual Meeting	Indianapolis, Indiana	http://www.ncwss.org/