



WSSA

WEED SCIENCE SOCIETY OF AMERICA

Volume 40, No. 4
October, 2012

Newsletter



PRESIDENT'S MESSAGE

I have recently returned from the WSSA Summer Board meeting in Baltimore, site of our next annual meeting which will be held in conjunction with the Northeastern Weed Science Society. The meeting will be held at the Hilton Baltimore which is right next to Camden Yards (home to the Baltimore Orioles) and a short walk from the Inner Harbor. WSSA Program Chair Jim Kells and

NEWSS Program Chair Dwight Lingenfelter have worked to blend the traditional meeting and social events of our two societies into one seamless program. For instance, there is a single registration fee to attend all events and the NEWSS Graduate Student Paper Contest will be part of the WSSA program on Tuesday, the first day of paper sessions. For those of you arriving early, there is also a tour of the Orioles' facilities scheduled for Sunday afternoon, and don't worry, it will be finished in time for the Super Bowl. Hopefully, we will be able to conduct a President's Uniform Fitness Forum (PUFF run) along the harbor, although the weather will not be quite as warm as it was for our 2012 run.

There are five symposia scheduled for the 2013 meeting. The first will be Tuesday morning and is titled "Herbicide Application in the 21st Century." This symposium was organized by Greg Dahl and will cover current and upcoming pesticide application technology. The afternoon session will include "Herbicide Resistance Management – The Path Forward." Coordinated by David Shaw, this symposium will explore the best options to build on the momentum from the APHIS I and II publications and the recent Herbicide Resistance Summit. There will be both a workshop and a symposium on Wednesday. In the morning, Toni DiTommaso will lead "Re-aligning your Course to Improve Student Learning." Participants will work in small and large groups to create both course-level goals and daily learning objectives to improve their weed science courses and teaching effectiveness. On Wednesday afternoon, Timothy Grey will lead the symposium "Environmental Assessment of Herbicide Resistance: Past, Present, and Future"

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ANNUAL MEETING REGISTRATION OPEN

(see details inside on page 7)

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which will focus on the negative effects of resistant weeds on the environment. The Thursday morning session includes "Holistic Invasive Weed Management." This symposium will examine what has succeeded and what has failed in the past using holistic management for invasive plants and is coordinated by William Bruckart. The entire program will be posted on the WSSA web site (www.wssa.net) in advance of the meeting.

EPA Subject Matter Liaison Jill Schroeder, Science Policy Advisor Lee Van Wychen and Immediate Past-president Mike Barrett led a resistance tour with representatives from the EPA on August 21. Mark VanGessel of the University of Delaware and Ron Ritter of the University of Maryland hosted the group at various locations during the day to show them the many problems growers have encountered with resistant weeds. Jill has a complete report elsewhere in this newsletter.

During the last board meeting at our Hawaii meeting Treasurer Ian Burke was directed to provide an analysis of WSSA income and spending so we could determine the long-term direction of our finances. He spent a great deal of time preparing this report and the bottom line is WSSA is doing okay financially, but we will need to continue to carefully manage our budget. Ian will present this information in detail during the annual business meeting in February.

The WSSA Board of Directors has decided to hire a Web Content Manager to ensure the WSSA website consistently provides members with up-to-date and accurate information about WSSA activities and upcoming events. A "new-look" website is scheduled to go on-line soon and the Content Manager will be collecting regular updates for posting including: WSSA committee activities, regional society news, annual meeting information, and changes to the WSSA board and committee memberships. The announcement and application information to apply for this position is also found elsewhere in the newsletter.

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President, WSSA

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WSSA FUTURE MEETING SITES AND DATES

2013

Baltimore, Maryland

February, 2013

Hilton Baltimore

**Joint meeting of WSSA and
Northeastern Weed Science
Society**

Jim Kells, 2013 Program Chair

E-mail: kells@msu.edu

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2014

Vancouver, Canada

February, 2014

**Joint meeting of WSSA and
Canadian Weed Science Society**

**WSSA HOME PAGE
ACCESSED AT:**

www.wssa.net

THINK NEWSLETTER

**Deadline for January issue
December 1, 2012**

WSSA NEWSLETTER

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HERBICIDE RESISTANCE TOUR

A one-day field tour was held on August 21, 2012 for EPA staff with the goal of increasing their awareness and understanding of herbicide resistant weeds and the impact they are having on agricultural production in the Mid-Atlantic Region. Twenty-seven EPA staff representing all of the divisions within the Office of Pesticide Programs participated on the tour along with me, Mike Barrett, Don Shilling, and Lee VanWychen representing WSSA. The hosts of the tour were Dr. Mark VanGessel, University of Delaware, and Dr. Ron Ritter, University of Maryland. The tour was organized to discuss and demonstrate several issues including the severity of herbicide resistance in a variety of crops, the complexity of managing herbicide resistance and weeds in general, how farmers in the region are dealing with the problem, and how approaches to management of weeds are primarily site-specific.

We visited four locations in Delaware and Maryland. The first stop was at the University of Maryland Wye Research Farm where the group viewed conventional and herbicide-resistant weed research plots and discussed selectivity of herbicides as well as the need for herbicide programs designed for the rotation system and the weed complex within a grower's field. The second stop was at a soybean field near the DE/MD state line where the group discussed the program designed by the University of Delaware for management of glyphosate-resistant horseweed and the effect of environmental conditions on the success of that program. The third stop was at a lima bean field near Greenwood, DE where the group observed and discussed management of ALS-resistant smooth pigweed in vegetable and minor crops.

The challenges of limited herbicide registrations for minor crops were discussed along with the value of the IR4 program and 24C labeling for expanding herbicide options in these crops. We also discussed how rotational crop restrictions further limit the tools for managing herbicide resistant weeds. The final stop was at a soybean field near Denton, MD that had been planted with soybean rather than corn because of the weed spectrum in the field that included Texas panicum, bulbous oatgrass, glyphosate-resistant horseweed, morningglory species, and ALS-resistant smooth pigweed. The impact of herbicide resistant weeds on conservation tillage pro-



Ron Ritter discussing weed management trials for corn production in the Delmarva Peninsula.

grams as well as on crop management choices was discussed.

The tour participants were very engaged and we had excellent discussions throughout the day. After we were done, Mark surveyed the EPA participants to assess whether the tour provided information of value to their work. Twenty-three surveys were returned and the response was very positive. For the question, "As a result of this tour, do you feel you have a better understanding of issues related to herbicide-resistance?," 17 responded "very much" and six responded "somewhat." A full report of the tour activities along with the full survey results and a financial accounting will be posted on the WSSA web-site under the EPA Liaison in the near future.

The WSSA Board of Directors voted to cover the costs of the tour; the support of the society is gratefully acknowledged. Mark VanGessel did a great deal of work to organize the tour and Lee VanWychen arranged for the transportation. Their efforts are greatly appreciated.

Respectfully submitted,
Jill Schroeder
WSSA Subject Matter Expert/
Liaison to EPA



EPA group listening to Dr. Ron Ritter (white hat) talk about his plot research for controlling glyphosate resistant horseweed in soybean.



ALS-resistant smooth pigweed in Lima beans. A lot of that pigweed you see is due to a sprayer skip.

THINK NEWSLETTER
Deadline for January issue
December 1, 2012

WSSA UNDERGRADUATE RESEARCH AWARD – 2013

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

AWARD: Up to \$1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2013. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

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

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

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

HOW TO APPLY: The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: jjjachetta@dow.com. Proposals should be received no later than November 16, 2012. Funding decisions will be made by January 25, 2013, and presented at the 2013 WSSA National Meeting Awards Ceremony.

WASHINGTON REPORT

by Lee Van Wychen, Director of Science Policy

GOVERNMENT FUNDED THROUGH MARCH 2013

Before going home for the elections this fall, the House and Senate passed a continuing resolution to keep the government running through March 27, 2013. The continuing resolution grants a small 0.6 percent increase to almost all FY 2012 appropriations, bringing funding up to the \$1.047 trillion spending level agreed to in last year's debt-ceiling agreement. Overall, the fiscal outlook looks dismal, maybe murky at best. Congress still has to deal with the 8.2 percent sequestration cuts that would kick in on Jan. 3, 2013. The current thinking is that the lame duck Congress would rescind those cuts and come to an agreement on some sort of long term fiscal restraint. The 8.2 percent sequestration cuts are a one time deal and many policy wonks feel like they would be devastating to an already slow economic recovery. For example, the USDA-NIFA budget would be cut by almost \$100 million. Things will be complicated even further by what happens with the Farm Bill.

DIFFERENCES BETWEEN HOUSE AND SENATE FARM BILL WEED SCIENCE ISSUES

The Senate approved its version of the 2012 omnibus farm bill (S. 3240, the Agriculture Reform, Food, and Jobs Act of 2012) by a vote of 64–35 on June 21, 2012. Following that, the House Agriculture Committee conducted markup of its own version of the farm bill (H.R. 6083, the Federal Agriculture Reform and Risk Management Act of 2012) on July 11, 2012, and approved the amended bill by a vote of 35–11. Floor action on the House farm bill is still pending, despite a ton of pressure from stakeholders in September. Apparently the House did not have the votes to pass it

as some lawmakers said it cut too much and some said it didn't cut enough. There is speculation that the House will bring it to the floor during the lame duck session, but even if they passed their version there will be significant differences in policies that will need to be worked out in a conference agreement. Below are weed science related policy provisions that differ between the House and Senate versions of the bill.

1. Foundation for Food and Agricultural Research (FFAR).

- a. There is no current law.
- b. In the Senate Farm Bill, they propose FFAR, a new nonprofit corporation designed to supplement USDA's basic and applied research activities. The Senate provides total mandatory funding of up to \$100 million from the Commodity Credit Corporation (CCC). Federal funding is available only to the extent that the foundation secures an equal amount of non-federal matching funds for each dollar of expenditure. The foundation will solicit and accept private donations to award grants or enter into agreements for collaborative public/private partnerships with scientists at USDA and in academia, non-profits, and the private sector.
- c. The House did not include FFAR in their version.
- d. The National and Regional Weed Science Societies support the inclusion of FFAR in the Farm Bill.

2. Matching funds requirement for applied research and extension that is commodity or state specific.

- a. There is no current law.
- b. The Senate did not have any language regarding matching funds.

- c. The House has proposed that the recipient of a USDA competitive grant under a covered law that involves applied research or extension and is commodity-specific or state-specific must provide matching funds or in-kind contributions of equal value to the grant.
- d. WSSA strongly opposes this provision in the House Bill.

3. Petitions to Determine an Organism not a Plant Pest.

- a. The Plant Protection Act (PPA) governs USDA-APHIS regulation of the introduction and movement of all plant pests, noxious weeds, and plant products capable of harboring plant pests involved in interstate or foreign commerce. The statute governs all "regulated articles" meaning any material or tangible object that could harbor plant pests or noxious weeds. The statute also regulates the introduction into the environment and transportation of any bio-engineered plant organism.
- b. The Senate Farm Bill does not make any changes.
- c. The House Farm Bill would amend the PPA to permit any person to petition USDA for a determination that an organism subject to regulation as a plant pest is not a plant pest for purposes of the PPA. USDA would be required to conduct a "plant pest risk assessment" to determine the likelihood that such an organism is a plant pest. USDA would also conduct an "environmental analysis" that would be the sole analysis regarding the effects on the environment of an organism that is the subject of a petition. On the basis of these

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analyses, USDA would issue a determination within one year that an organism is or is not a plant pest. Should USDA fail to meet the time period for determination, the plant organism shall be deemed not to be a plant pest under the PPA.

- d. WSSA is evaluating the proposed change. APHIS did not propose the change, nor have they taken a position on it. In general, this will have no little or no impact on noxious weeds since the lawyers have determined that a noxious weed is not a plant pest, except parasitic weed species such as witchweed (*Striga*).

4. Pesticide Registration Improvement Act (PRIA III)

- a. PRIA II is set to expire in 2012. The original PRIA modified the framework for collecting fees to enhance and accelerate EPA's pesticide registration activities; it included reauthorization of maintenance fees primarily to support activities related to existing registrations, and established registration service fees to be submitted with applications for new registrations.
- b. The Senate did not include PRIA III in their farm bill language.
- c. The House reauthorizes PRIA through 2017 and modifies fee collection provisions. It reauthorizes and increases annual aggregate limits for maintenance fees from \$22.0 million to \$27.8 million for FY2013-FY2017 and raises the annual maximum fee for registrants with not more than 50 registrations from \$71,000 to \$115,500, and those with over 50 from \$123,000 to \$184,800; for small business (as defined) with not more than 50 registrations from \$50,000 to \$70,600, and those with more than 50 from \$86,000 to \$122,100.
- d. The WSSA supports reautho-

rization of PRIA through 2017.

- e. UPDATE: the House and Senate passed PRIA III as a separate stand alone bill (S. 3552) under unanimous consent agreements on Sept. 14 and sent it to the President where it awaits his signature.

5. NPDES Fix Bill (H.R. 872)

- a. In October 2011, EPA issued a Pesticide General Permit (PGP) requiring a Clean Water Act (CWA) discharge permit for certain pesticide applications in or near waters of the U.S. EPA and states are implementing this permit requirement.
- b. The Senate did not include this language in their bill, despite bipartisan support in both chambers.
- c. The House included language that would amend FIFRA and the CWA to provide that neither EPA nor a state may require a CWA permit for discharge of a pesticide whose use has been authorized pursuant to FIFRA. Defines specified circumstances where a permit would be required (e.g., municipal or industrial treatment works effluent that contains pesticide or pesticide residue). Effective October 1, 2012.
- d. The National and Regional Weed Science Societies are on record many times supporting an NPDES fix bill.

6. The Specialty Crops Competitive-ness Act

- a. Authorized block grants to states to support projects in marketing, research, pest management, and food safety, among other purposes. Current mandatory CCC funding is \$55 million annually (FY2010-FY2012).
- b. The Senate reauthorizes the program through FY2017. Increases mandatory funding to \$70 million annually (FY2013 - FY2017),

which would also raise the minimum grant amount received by each state/territory. Of the funds provided, allows for multistate project grants involving food safety, plant pests and disease, crop-specific projects addressing common issues, and any other area as determined by USDA, with increased funding starting at \$1 million (FY2013) to \$5 million (FY2017).

- c. The House version is nearly identical to the Senate bill, except that the House also allows multistate projects for research.
- d. The WSSA supports the House version.

7. Conservation Compliance

- a. In exchange for certain USDA program benefits, a producer agrees to maintain a minimum level of conservation on highly erodible land. Highly erodible land can be considered eligible for program benefits if the land user agrees to cultivate the land using an approved conservation plan or qualifies for an exemption. Benefits include commodity support programs, conservation programs, disaster payments, and operating loans
- b. The Senate adds the federally funded portion of crop insurance premiums to the list of program benefits that could be lost if a producer is found to produce an agricultural commodity on highly erodible land without an approved conservation plan or qualifying exemption. Producers affected by this change have until January 1 of the fifth year after the date on which payments become subject to compliance to comply with an approved conservation plan.
- c. The House has no comparable provision.
- d. The WSSA supports conservation compliance, but only if

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NRCS grants temporary variances for weed and invasive plant management, including the use of tillage to control herbicide resistant weeds.

SUPPORTERS OF AGRICULTURE RESEARCH (SOAR) LAUNCHED

Supporters of Agricultural Research (SOAR) is a new non-partisan science-based coalition seeking sound research policies that focus more of our best minds on feeding America and the world. See: www.supportagresearch.org. SOAR was launched with an interactive webcast on July 25 by its four board members, Roger Beachy, William Danforth, Carol Tucker-Foreman, and Don Kennedy. SOAR is working with major research institutions, farmer groups, scientific organizations, and private sector partners who believe a strong competitive grants program will encourage top sci-

entists from multiple disciplines—from botany and biology to energy and engineering—to address the many agriculture-related challenges facing our country today. SOAR believes the time is right to greatly increase funding for competitive grants in the exciting and rapidly expanding world of agricultural research. SOAR is calling on Congress to fully fund the Agriculture and Food Research Initiative (AFRI) at USDA. AFRI is authorized to receive \$700 million per year. But for 2012 it received only \$264 million, even as the cost for projects submitted for funding topped \$4 billion.

NEW USDA REPORT ON COMPLIMENTARY ROLES OF PUBLIC AND PRIVATE SECTOR AG R&D

This brief examines the funding and performance of agricultural R&D to assess the evolving roles of the public

and private sectors in the U.S. agricultural research system. There is a clear long-term trend toward greater private-sector funding and performance of R&D. In 2007, the private sector performed 53 percent of total food and agricultural research in the United States, and privately funded R&D has grown faster than publicly funded R&D over the long term.

Details: <http://www.ers.usda.gov/media/913804/eb19.pdf>

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Joint 2013 NEWSS / WSSA Annual Meeting Registration Now Open

The 2013 Joint NEWSS/WSSA Annual Meeting Registration is now open on the WSSA website. There are several features to registration, so let me give you the basics.

Members of both groups will pay the same rate – NEWSS members and WSSA members will pay the member rate. If an individual is not a member of either group, they pay the non-member rate. At the top of meeting registration link there is a summary of all of the different registration types and rates. **It is important for WSSA members to log-in so we don't have duplicate records!** However, we don't have the NEWSS members in the database so NEWSS members will not have a log-in.

The early-bird registration ends on December 5th; regular registration ends January 19, 2013.

All of the meeting related information is available on the 2013 meeting page of WSSA website. You will find a PDF of the registration brochure, a link to online meeting registration, a link for hotel reservations, and the link for abstract submissions. **Remember, the deadline for title and author information for abstracts is October 4, 2012.**

You'll find the 2013 meeting information and links in the center section of the WSSA home page as well as the left navbar – <http://www.wssa.net>

We're really looking forward to this meeting. James Kells and Dwight Lin-

genfelter have planned a great program, incorporating features from both the NEWSS and the WSSA. You can see the broad outline of the program in the Schedule of Events in the registration brochure. Baltimore is an interesting and accessible city and the hotel is great!

As always, you can call if you have any problems with registration or submitting abstracts.

Regards,
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Second Annual North American Invasive Plant Ecology and Management Short Course (NAIPSC)

Steve Young, Weed Ecologist
University of Nebraska-Lincoln West Central Research & Extension Center
North Platte, Nebraska

The second annual North American Invasive Plant Ecology and Management Short Course (NAIPSC) was held June 26–28, 2012 at the University of Nebraska-Lincoln West Central Research & Extension Center in North Platte, NE. The 31 participants that attended the 2012 NAIPSC included landowners, land managers from several agencies (e.g., NRCS, Nebraska Department of Agriculture, Army Corps of Engineers), and county weed superintendents. The states and provinces represented were from across North America and from as far away as Alaska. The three-day course advanced participant understanding in many areas of invasive plant ecology and management.

All participants improved their knowledge of long-term weed management in natural systems and many had plans to look for new ways to integrate control efforts in the near future using what they had learned at the NAIPSC. More than half of the participants stated that they would make management changes as a result of the NAIPSC. For example, several participants said they would try to improve their approach in working with landowners to better integrate management, identify species, or adopt revegetation techniques to control invasive plant species. All participants felt that the time they spent at the NAIPSC was a good investment, even if they were already familiar with some of the material.

At the 2012 NAIPSC, participants were exposed to and involved in discussions on ecological aspects of integrated invasive plant management. Water use by invasive plants is not often thought of in managing invasive plants, but it does play a role in natural hydrologic cycles above- and belowground. This topic was addressed by two speakers with experience on measuring water loss from plants and the water dynamics of ecosystems. It was conveyed to participants that invasive plants can draw many gallons of water from belowground and divert surface water away from critical habitat on an annual basis, which is another important reason for knowing the ecology of invasive plant species.

Over 20 different teaching and learning opportunities were offered during the three-day NAIPSC. In particular was a presentation on Early Detection and Rapid Response (EDRR) that stressed the importance of early-stage monitoring and identification of invasive plant species. While we

may know about invasive plants species, it takes trained professionals, volunteers, and land owners to actively seek out or watch for new invasive species in their area, whether at the local, regional, or national level. It all starts with individuals who are working together.

The NAIPSC is a venue that was created for the exchange of information between experts in various fields of invasive plant ecology and management and participants from a range of backgrounds and experiences. Participants are able to see, hear, and talk about the latest approaches for invasive plant management. At the NAIPSC, participants have the opportunity to apply their knowledge through tests and problem sets and keeping active through the NAIPSC online community. It is anticipated that through continued dialogue via the NAIPSC online community, participants will have an interactive resource, in addition to the materials they received at the NAIPSC, to help them in answering their questions related to the ecology and management of invasive plant species.

The NAIPSC is on Facebook and Twitter. Check the NAIPSC website (<http://ipscourse.unl.edu>) for details.

Send Newsletter material to:

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Early Bird Registration and Abstract Submission Extended to October 1, 2012

Early bird registration and abstract submission has been extended to October 1, 2012, which means the early bird rate of \$880 for adults and \$550 for students is available until October 1st. Conference registration cost will then convert to a standard full rate of \$1100 and a student rate of \$600 from October 2, 2012. So get in early and secure your registration.

Registration covers full conference attendance Monday, February 18 to Thursday, February 21 inclusive. Registration includes attendance at all conference sessions, lunch and refreshments each day as well as the opening and closing functions.

Go to: www.herbicideresistanceconference.com.au

A day rate of \$275 per day (\$165 per day for students) is available and can be obtained by emailing donna@estherprice.com.au

Registration can be made through the website registration page, with payment by direct debit or credit card.

REGISTRATION TYPE	GENERAL	STUDENT
Early bird registration paid before October 2, 2012	\$880.00	\$550.00
Standard registration after October 2, 2012	\$1100.00	\$660.00

KEY DATES

Early bird registration closes	October 1, 2012
Abstract submission closes	October 1, 2012

Conference Field Trip

A full one day field trip on Friday, February 22 will focus on harvest weed seed control. Australian farmers have developed and adopted harvest weed seed control techniques that will be demonstrated on February 22nd. The day's program will include bus travel to Corrigin in the WA central wheatbelt and will feature the operation of harvest weed seed control systems during a typical Australian wheat harvest.

The afternoon will feature presentations from the farmers who developed the harvest weed seed control systems being used in WA. This will be followed by a BBQ and a game of bowls before returning to the Esplanade Hotel in Fremantle.

Enquiries regarding the conference field trip can be addressed to Dr. Michael Walsh (Michael.walsh@uwa.edu.au).

Conference Program / Key Note Presenters

The conference program has an impressive list of keynote presenters, now including renowned, well known scientist Dr. Dale Shaner from the US Department of Agriculture. Dr. Shaner, as the final presenter at the conference has the important task of considering not only what has been achieved at the Global Herbicide Resistance Challenge Conference but also to propose future activities and omissions from the conference that are needed if we are to achieve crop, herbicide and weed control sustainability.

To view the conference program go to <http://www.herbicideresistanceconference.com.au/Program>

Conference Accommodation

Perth is expensive as a result of the mining boom in Western Australia. Many hotels are fully booked and competition for rooms is high. The conference venue, the Esplanade Hotel, is offering reasonable rates to conference participants. However, once accommodation options at The Esplanade Hotel are exhausted, other hotel options in the area are limited and expensive. So book early and avoid disappointment.

Accommodation cost, without breakfast, at The Esplanade Hotel is: \$240 per night per room (single, double, or twin occupancy).

The option of sharing a room and each individual paying \$120 per night is available and can be accessed through the registration form on the website. To secure your accommodation at the Esplanade Hotel, you do so when you register for the conference. Do not book directly with the Esplanade Hotel as the room rate will be higher than the conference rate of \$240 per night per room. For those interested in pursuing other accommodation options, please go to <http://www.wotif.com/hotels/australia-perth-hotels.html>.

If you are traveling with a family or group and require a two or three bedroom apartment, please consider Quest Harbour Village. Not only do you get a wonderful view over Fremantle harbour, this Hotel is within walking distance of the Esplanade Hotel. Go to www.questharbourvillage.com.au

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POSITION ANNOUNCEMENTS

WSSA WEBSITE CONTENT MANAGER

The Weed Science Society of America is seeking a Website Content Manager to ensure that the WSSA website provides members with up-to-date information about WSSA activities, and to help further develop the WSSA website as a public resource for information about weeds and weed science.

Responsibilities:

1. Ensure that the WSSA website is kept current by collecting regular updates including: WSSA committee activities, regional society news, annual meeting information, and changes to the WSSA board and committee memberships. The website content manager will provide the material to the WSSA Web Manager for upload.
2. Obtain authorization from the WSSA President or delegated person when necessary for non-routine or significant website content changes.
3. Write brief descriptions for posting to the WSSA website summarizing the content of more extensive posted items (such as the herbicide resistance educational modules).
4. Work as facilitator with various WSSA committee members to generate time-sensitive new web content, including press releases and news items, and to ensure that online reports of committee activity are regularly updated.
5. Work with the Web Manager to ensure that outdated website postings are removed and archived.
6. Work with the Web Manager, Allen Press and the WSSA Director of Publications and WSSA journal editors to ensure that a) the interface between WSSA website and journal sites function smoothly; b) links to journal pages are appropriately displayed on WSSA website; c) that new journal content is regularly showcased on the WSSA website.
7. Develop an Operating Manual/Calendar of Operations during the first year in the position detailing

routine website updates and procedures for future holders of the position.

The WSSA Website Content Manager will not update website content directly, but will actively assemble, vet and edit information for the Web Manager to upload.

Appointment:

Initial appointment will be for one year, subsequently renewable by the WSSA Board of Directors for two-year terms based on performance and progress. For the first year, an annual stipend of \$7,500 will be paid quarterly. The work of the Website Content Manager will be reviewed at three-month intervals by the WSSA President, the WSSA Website Manager, and the Chair of the WSSA Website Committee.

Required Skills and Qualifications:

- Knowledge of weeds and weed science
- Must be a current WSSA member familiar with the Society, its members and its various activities
- Ability to meet deadlines promptly and efficiently
- Good written communication skills
- Previous experience using web-based media for public communication is desirable

To Apply:

Please e-mail (1) a two-page resume and (2) a letter of interest describing your experience within WSSA, your ideas for the type of content that would increase the value of the WSSA website, and your experience using websites for public communication to Sarah Ward (sarah.ward@colostate.edu) by October 15, 2012.



ASSISTANT PROFESSOR, WEED SCIENCE EXTENSION SPECIALIST OKLAHOMA STATE UNIVERSITY

Position Description: This is an 11-month, tenure-track, 85% extension and 15% teaching position.

Extension Responsibilities:

Lead in planning, implementing, and evaluating educational programs to transfer weed control technologies to Oklahoma stakeholders. Opportunities exist in winter wheat, winter canola, and other Oklahoma crops and forage (alfalfa, improved pasture) production systems as well as brush control in grazing lands. The successful candidate will be actively engaged with Extension and industry personnel and will be expected to interact with state and federal agency personnel as necessary. Participation in Plant and Soil Sciences departmental Extension efforts and Weed Science IPM as well as effective oral and written communication including use of electronic media and innovative information delivery methods are essential. The position will require development of an applied extension field research and demonstration program and periodic impact assessment of Extension activities. Extension outreach efforts will include appropriate concern for environmental quality and ground water protection, stewardship of weed control technologies, as well as agronomic production potential of recommended practices.

Teaching Responsibilities:

The successful candidate will teach a three-hour undergraduate class on agronomic weed control in Oklahoma cropping systems. The class will include a one-hour lab with hands-on, applied activities. The successful candidate may also provide leadership to the weed science team and advise graduate and undergraduate students.

Qualifications:

Minimum qualifications include: 1) Ph.D. in Weed Science or closely related field with major emphasis on weed management in row crops and/or small grains, 2) evidence of ability to communicate orally and in writing, 3) ability to work effectively in a team environment with Extension and agribusiness personnel, 4) ability to develop proposals to seek outside

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POSITION ANNOUNCEMENTS CONTINUED from pg 10

funding for program support, 5) ability to effectively instruct undergraduate and graduate students, and 6) skills regarding the effective use of electronic media in education and communication of technical information. Preferred qualifications include: 1) previous experience in Extension and/or outreach activities, 2) teaching experience, and 3) evidence of the ability to publish and secure extramural funding.

Salary and Benefits:

Will be competitive with other leading land grant universities and commensurate with training and experi-

ence. Continuation of this position is subject to performance, need, and available funding.

Date Available:

November 1, 2012, or as soon thereafter as qualified candidate is available.

Application Deadline:

Review of applications will begin September 28, 2012, and continue until a suitable candidate is identified. Send letter of interest, curriculum vita, official transcripts, and arrange for three letters of reference to be sent to:

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



Oklahoma State University is an EEO/AA/E-Verify employer committed to multicultural diversity. OSU Stillwater is a tobacco-free campus.

GLOBAL HERBICIDE RESISTANCE CHALLENGE CONFERENCE CONTINUED from pg 9

Pre and Post Conference Tour Options

There are many tourist and recreational activities that depart from the conference venue at Fremantle and can be booked via the Fremantle Visitor Centre. Go to <http://www.fremantlewesternaustralia.com/pages/welcome-to-fremantle/>. Activities available through this site include:

- Day trip to Rottnest Island
- Deep sea game fishing
- Swim with wild dolphins
- Historical tours of Fremantle and Fremantle Prison
- Western Australian Maritime Museum

For the more adventurous seeking the thrill of deep sea game fishing, Fremantle is a departure point for the following:

- <http://www.millscharters.com.au/our-fishing-trips/deep-sea-day-fishing-perth.aspx>
- <http://www.saltwatercharterswa.com.au/>
- http://www.bluejuicecharters.com.au/deep_sea_fishing_perth.htm

Divers will be excited by the many opportunities from Fremantle to explore the abundant waters surrounding Rottnest Island as well as many of the wrecks submerged along the coastline. To access dive tours:

- <http://www.perthdiving.com.au/>
- <http://www.dolphindiveshop.com/>

If you have a specific tour that you would like to do and require more advice, please contact the Perth Visitor Centre at <http://www.bestofwa.com.au/> or <http://www.experienceperth.com/travel-information/perth-visitor-centres>

Please note that February is summer, with long, sunny days. Day temperatures can exceed 30C, an ideal time to take advantage of the magnificent coast line and beaches of this part of the world.

Mid February is an ideal time to rent a car and drive south on easy, uncrowded roads to the magnificent Margaret River area with some of the world's finest surf breaks as well as magnificent vineyards and wines. Further south are the tall Karri trees, national parks and beaches of the Pemberton, Walpole, Denmark, Albany areas. All of this is within a few hours by car from the conference venue at Fremantle and this offers a magnificent opportunity to take a pre or post conference break in a very attractive part of Australia. Car rentals are readily available from all the major car rental companies.

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NECROLOGY

ELENA RAQUEL SÁNCHEZ OLGUÍN **1979–2012**



Elena passed away on July 28, 2012, in Hangzhou, China. She became ill while attending the VI International Weed Science Congress. She was a recipient of a student award from the International Weed Science Society to participate in the congress, which she had also earned for the previous congress in Vancouver. Elena was a PhD candidate in the Weed Science Program at Oregon State University (OSU). Her dissertation project involved implementing novel molecular tools for studying the evolution of weedy relatives of wheat. She graduated from Conservatorio de Castella, Costa Rica, a high school specialized in arts, where she developed her artistic abilities particularly in dance. She earned a B.S. degree in Agronomy from Instituto Tecnológico de Costa Rica and graduated as an M.S. in Agricultural Sciences and Natural Resources (Biotechnology emphasis) with honors from Universidad de Costa Rica. She was active in the Association of Latin Students at OSU. She is survived by her mother, Leticia, and brother, Gerardo. She will be missed by her many friends in Oregon, Costa Rica and across the world.





NECROLOGY

M. GARRY SCHNAPPINGER, JR. **1942–2012**

Garry Schnappinger of Centreville, MD died at the Queen Anne's Hospice Center, Centreville on Tuesday, September 11, 2012. He was 69.

Born October 29, 1942, in Baltimore, MD, he was the son of the late Melvin G. Schnappinger Sr. and Anna Schnappinger. Following graduation from Catonsville High School, Class of 1960, he earned a B.S. in 1965 and an M.S. in 1967 in Agronomy from the University of Maryland and a PH.D. in 1970 in Soil Fertility from Virginia Tech.

He joined Geigy Agricultural Chemicals in 1970 as a Field Research Representative conducting field trials and coordinating university research in crop protectants such as herbicides and fungicides in the mid-Atlantic area. Areas of responsibility also included new product introduction and technical consulting with all levels of the farm supply trade. Continued in field research through several mergers in which the company came to be known as Geigy>Ciba-Geigy>Ciba>Novartis>Syngenta. Retired from Syngenta Crop Protection as a Senior Field Research Scientist in October 2001. He continued to work part-time as a consultant for Syngenta Crop Protection.

He was a member of the Queen Anne's County Transition Team-2006, Queen Anne's County Economic Development Commission – 2004 to the present, serving as Chairman of the EDC Agricultural Task Force-2004, Treasurer-2006–2010 and Vice Chair-2010–present. He was a 4-H leader from 1979 to the present; served a year as Queen Anne's County Fair Chairman; was a Maryland 4-H All Star; was on the Maryland 4-H Foundation Board of Directors-1988–2002; the Management Committee, 4-H Horse Program, North American International; Livestock Exposition, Louisville, KY,-1997–1998; Maryland 4-H Family of the Year in 1989 and a 4-H Park Board Member from 1987–1990. In addition he was on the Board of Directors of the Queen Anne's Museum of Eastern Shore Life from 1995–2001 where he was the Chairman from 1998–2001; was President of the Queen Anne's Railroad Society from 2009–present; Chairman of numerous committees of the Northeastern Weed Science Society where he was also a member of the Board of Directors and served as Vice President and President in 1980; received a Distinguished Member Award in 1992 and the Outstanding Researcher Award in 1999 and also was author and co-author on numerous presented papers. He was a member of the Board of Directors of the Weed Science Society of America. He was a Certified Crop Advisor; served on the Maryland Governors Pesticide Council from 1980–2002 and held offices in several state and regional agricultural associations and was a member of the Board of Directors of the Delaware-Maryland Plant Food Association where he had served as President.

Mr. Schnappinger is survived by his wife of 45 years, Anne Fritz Schnappinger; two daughters, Amy Schnappinger of Catonsville and Lee Schnappinger of Centreville, MD and a sister, Bettie Gross of Baltimore.

A visitation was held at the funeral home in Centreville on Sunday, September 16, 2012, from 2:00–4:00 PM and 6:00–8:00 PM.



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CALENDAR OF UPCOMING EVENTS

DATE	EVENT	LOCATION	CONTACT
December 10–13, 2012	North Central Weed Science Society (NCWSS) Annual Meeting	St. Louis, Missouri	www.ncwss.org
January 28–30, 2013	Southern Weed Science Society (SWSS) Annual Meeting	Houston, Texas	www.swss.ws
February 4–7, 2013	Joint NEWSS and WSSA Annual Meeting	Hilton Baltimore Baltimore, Maryland	Jim Kells Tel: 517-355-0271 Email: kells@msu.edu www.newss.org www.wssa.net
February 18–22, 2013	Global Herbicide Resistance Challenge Conference	Perth, Australia	www.herbicideresistanceconference.com.au
March 11–14, 2013	Western Society of Weed Science (WSWS) Annual Meeting	San Diego, California	www.wsweedscience.org
February, 2014	Joint WSSA and Canadian Weed Science Society Annual Meeting	Vancouver, Canada	

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