



WSSA

WEED SCIENCE SOCIETY OF AMERICA

Newsletter



PRESIDENT'S MESSAGE

I hope that all of you have made plans to attend the annual meeting in February. Jeff Derr, the program committee, and the local arrangements committee are completing final preparations for an excellent meeting that includes symposia, roundtable discussions, and pre-meeting activities including the tour of the Botanic

Garden and the workshop on GIS technologies. The General Session will include a presentation by Mr. Orion Samuelson, Agribusiness Director for WGN TV, and recognition of our new Fellows and Award winners. Please take the time to thank Jeff, the program committee, and Aaron Hager and the local arrangements committee for all their hard work.

Please join the noontime Roundtable discussion on Wednesday for an update and a preview of the first edition of the *Journal of Invasive Plant Science and Management*. I would like to congratulate Joe DiTomaso and Janet Clark, and thank them for all their work to produce this inaugural edition by the annual meeting. The success of this new journal depends on us to submit articles, provide reviews, and to help in advertising.

In an effort to improve communication within the society, I am requesting that all committees develop and submit their reports to the membership this year. Our goal is to post the committee reports, with the exception of the list of society awardees and the outcome of the election, to the web site for member review prior to the meeting. Please plan to attend the Business Meeting on Wednesday evening at 5:15 p.m. for updates on these many society activities and to provide your input into the future direction of our organization.

The board has been working to streamline the Board of Director meetings so that we can spend more of our time together reviewing progress on society projects and discussing issues facing our discipline and organization. To help the board with this effort and to help improve communication within the society, the board developed a process for evaluating WSSA projects. The process we developed assesses the risks and rewards of proposed and ongoing projects using stage gates to determine whether each project furthers the goals of the society without causing undue stress on either our volunteer or financial resources. The board approved this new process last month. I have copied the MOP and the project proposal form for this process at the end of this message

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WSSA Newsletter Editor Change

Hello to all WSSA members and colleagues. I would like to take a moment of your time to introduce myself as the new editor of the WSSA newsletter. For those of you whom I don't know, my name is Clifford "Trey" Koger. Please call me Trey. I am an Assistant Research Professor with Mississippi State University at the Delta Research and Extension Center in Stoneville, MS. I earned my BS and MS degrees in Weed Science from Oklahoma State University and my PhD in Weed Science from Mississippi State University. I have research responsibilities covering weed control/agronomy in cotton in Mississippi.

I accept the helm and opportunity from David Shaw, who served as the newsletter's editor for the past three years. I understand these are big shoes to fill, but I look forward to the task and opportunity at hand. Please don't hesitate in contacting me with comments, suggestions, and/or ideas of ways of improving any facet of the newsletter. The newsletter is an important resource and a critical avenue for correspondence and communication for all of us involved in Weed Science and serves as an excellent tool for reaching new audiences and people interested in our discipline. I look forward to serving as your newsletter

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for your information. We welcome your comments and suggestions for improving communication within the organization, particularly how the board can communicate more effectively with the rest of the membership.

I re-read my previous messages before beginning this last newsletter article as WSSA President. Doing this reminded me what an outstanding year this has been for our society. I feel very privileged to be part of the organization and to have had the opportunity to work with a committed Board of Directors, engaged committees, and dedicated members. I share the board's excitement about all the initiatives and activities that the society has undertaken in the last few years. This society functions because members are willing to volunteer for committee and project work and to stand for election to the board. Please continue to contribute your perspectives, your expertise, and your time to our organization. We can accomplish a great deal by pooling our talents and energy.

Thank you for allowing me to serve as President of our organization. It has been a challenging and rewarding experience, and an honor working with all of you.

My Best Regards,
Jill Schroeder
President
jschroe@nmsu.edu

WSSA Project Review Process

Summary

This note provides a description of the WSSA Project Review Process. It is intended to be a communication document to help the membership and the committees in understanding what projects will receive WSSA support. It also lays out the formal screening and review process by which projects will be evaluated.

Projects will be evaluated according to:

1. MAPLE indicators:

M = Membership; what is the benefit to members of WSSA?

A = Articles; what is the effect on WSSA publications?

P = Policies; does this effort impact policies related to weed science?

L = Legislation; does this effort impact legislation related to weed science?

E = Education; what is the benefit to the educational goals of the society?

2. Alignment of the project with WSSA goals.

3. Estimated draw on financial and member resources.

4. Probability of success versus the expected impact of the project.

5. Risks versus potential rewards to the society and membership.

6. Will the success of this project make the society stronger?

7. Is there a better project in the queue?

8. Urgency – some projects may get fast-tracked.

9. What are the risks to committing to the project, and the risks in **not** doing the project?

New project proposals will be evaluated at the board meeting that immediately follows each annual meeting. Continuing projects will be evaluated at the summer board meetings on a rotating basis; projects at stage gates 2 through 4 will be evaluated yearly. Once projects have been launched, evaluation will occur every one to three years.

Process Steps

Five distinct process steps have been identified.

Step 1 – Champions work with committees to define goals and link to WSSA strategy.

Step 2 – Committees recommend and forward projects to Board for review.

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WSSA FUTURE MEETING SITES AND DATES

2008

Hilton Chicago

720 S. Michigan Ave.

Chicago, IL 60605

Tel: 1-312-922-4400

February 4–7, 2008

www.wssa.net

Jeffrey Derr, Program Chair

2009

Hilton/Walt Disney World

Orlando, FL

EDITOR CHANGE

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editor and please let me know of any information that you would like published in the newsletter.

Thank you.

Trey Koger

Assistant Research Professor

Delta Research and Extension Center

Mississippi State University

82 Stoneville Road

PO Box 197

Stoneville, MS 38776

tkoger@drec.msstate.edu

(662) 686-3238 – office

(662) 686-7336 – fax

WSSA NEWSLETTER

VOL. 36, NO. 1

JANUARY, 2008

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:

Dr. Clifford Koger (Trey), Editor

WSSA NEWSLETTER

Delta Research and Extension Center

Mississippi State University

P. O. Box 197

Stoneville, MS 38776

tkoger@drec.msstate.edu

(662) 686-9311 Office

(662) 686-7336 Fax

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- Step 3** – Project proposals are prioritized and impact on MAPLE indicators reviewed by the board.
- Step 4** – Continuing projects are regularly reviewed by the board for required financial and volunteer investment, results, and impact.
- Step 5** – Projects receive renewed commitment or are referred back to committee for reconsideration and possible resubmission.

Step 1. Champions step forward, define goals

The driving force in a society is its membership, and projects are only considered as brought forth by a committed champion. This required first step takes place through or in the committees, either by an individual stepping forward from outside or within the committee of their own initiative, or the committee seeking out a committed individual to pursue a particular objective. Champions who are unsure of the appropriate committee to work with may consult the WSSA President for advice. Champions should use the WSSA Project Proposal to guide the development of their project goals and objectives.

The committee will provide feedback to the champion in developing clear objectives, the link to the WSSA strategy and rough estimates of cost, timeline and impact on MAPLE.

Step 2. Committees recommend

Committees announce their support for a particular project by advancing the new project description to the board for review in cooperation with their Board Liaison. The committees recognize that there are limitations to the resources of the Society and that all projects may not be funded during a given calendar period.

The committees also recognize that there may be additional work required on some projects based on a Board review.

Step 3. Board Prioritizes Projects

The WSSA board will meet regularly to review new project proposals. The projects will be evaluated based on these criteria:

- 1) Single champion, defined end state and need.
- 2) Impact of the project on MAPLE indicators.
- 3) Alignment of the project with WSSA goals.
- 4) Probability of success versus the expected impact of the project.
- 5) Risks versus potential rewards to the society and membership.
- 6) Will the success of this project make the society stronger?
- 7) Is there a better project in the queue?
- 8) Urgency – some projects may get fast-tracked.

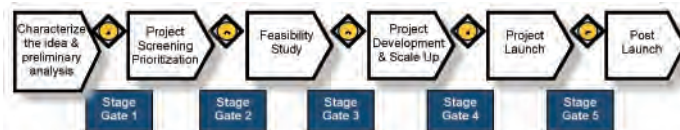
Projects which do not get Board support will be referred back to the committee with recommendations and feedback on how to successfully resubmit the proposed project.

Approved projects will enter a stage-gate process and will see release of funds and resources as each stage gate hurdle is cleared.

Step 4. Regular Board Stage Gate Review of Projects

The Board will regularly review the projects according to the stage quality control criteria and the prioritization criteria as projects advance and pass stage gates: On passing stage gates, projects will be given the resources required to achieve the results for the following stage gate.

The following is a pictorial depiction of this process:



The following Table shows the project requirements for assessment at each stage gate.

	Stage Gate 1	Stage Gate 2	Stage Gate 3	Stage Gate 4	Stage Gate 5
Must Have	One page project description with the following: Single Champion, Defined End State and Need, Explicit fit to Strategic Goals	Overall cost est. Estimated impact on MAPLE*, Initial investment required, Measures for Stage 3	Actual results vs. projected. Issues analysis, Timeline, budget, and project plan, Prototype – survey, market, refine prototype from earlier stage, etc. Champion buy in and other viable membership support. Stage 4 measures	Dedicated Team, Milestone reviews, Clear return on investment, Defined frequency of evaluation	Regular review of costs vs. impact on MAPLE
Should Have	Preliminary budget, Board advocate identified & aligned committee, Broad support from membership			Any No-Go conditions for continuing project	

* MAPLE = Membership, Articles, Policies and Legislation & Education

Criteria for ranking continuing projects by the Board include:

1. MAPLE indicators.
2. Alignment of the project with WSSA goals.
3. Estimated draw on financial and member resources.
4. Probability of success versus the expected impact of the project.
5. Risks versus potential rewards to the society and membership.
6. Will the success of this project make the society stronger?
7. Is there a better project in the queue?
8. Urgency – some projects may get fast-tracked.
9. What are the risks to committing to the project, and the risks in **not** doing the project?

Step 5. Project Review

Projects that do not meet the stage gate criteria will be referred back to the committee for review and learning. Each project, successful or not, is expected to provide a one page summary of lessons learned in its execution.

Committees working with the project champions are

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PRESIDENT'S MESSAGE CONTINUED from pg 3

responsible for preparing a "Lessons Learned Summary" and delivering that to the Board and, if appropriate, uploading it to the website.

WSSA Project Proposal

Project & Champion Name: _____

Project Champion Contact Information: _____

Committee forwarding proposal: _____

The Project champion has the primary responsibility for driving toward results and leading the project.

<p>Scope of Work – What is the project end state / goals? The scope of work should sketch out the project topic area, rough costs involved, other resources required, and define the objectives of the project.</p>	<p>Project Duration</p>
<p>Alignment with the WSSA Strategy Please explicitly demonstrate how the project and the end results are aligned with WSSA strategy.</p>	
<p>Project Timeline / Milestones Please outline the best estimate of the timing for the project and any identified and required elements to complete the project.</p>	
<p>Broader Society Support Please confirm support from the appropriate committee(s) and where broader Society support for the project exists and/or how the Champion intends to involve membership.</p>	

WSSA Photo Contest

Attention photographers! Submit images to the WSSA Photo Contest. Please read below:

GENERAL RULES

- Contest is open only to WSSA members.
- Subject of photo is to be any photogenic subject associated with Weed Science.
- There are two divisions: 1) Color Print and 2) Digital File.
- Each contestant can enter a maximum of 5 images per division but can win only one prize per division.
- Prizes in each division are \$100 for 1st, \$75 for 2nd, and \$50 for 3rd.
- In some cases, an overall winner may be selected and presented the "WSSA Outstanding Photographer Award," which includes a \$300 prize.
- Members of the Photo Contest Subcommittee will judge the contest.
- Judges will consider factors such as subject, composition, technical aspects, and overall appeal.
- MAIL OR EMAIL IMAGES TO CHAIRPERSON BY JAN 24 OR SUBMIT BY 1:00 PM AT WSSA REGISTRATION DESK ON FIRST REGISTRATION DAY. The current chairperson is Shawn Askew at 435 Old Glade Road, Virginia Tech, Blacksburg, VA 24061-0330, (540)-231-5807, saskew@vt.edu.
- Prints will either be returned at the WSSA annual meeting or mailed to the photographer within 2 months of the annual meeting. PLEASE REMOVE IMAGES FROM THE POSTER-SESSION DISPLAY PRIOR TO THE END OF THE MEETING. Images are submitted at the photographer's own risk and the WSSA Photo Contest Subcommittee is not responsible in the unlikely event of damage or loss.

COLOR PRINT DIVISION

- Up to 5 prints may be submitted.
- Prints should be no smaller than 35 sq. in. and no larger than 80 sq. in.
- Photo processed or computer-generated prints are acceptable.
- Prints should be mounted.
- Name and address or business card should be attached or written on the back of each print. Designate which side should face up by placing arrows on the back of each print. A separate card should be included with a title, approximate date, and approximate location where the image was photographed and the photographer's name. See example below.

DIGITAL FILE

- Digital files can be submitted for a total of 5 entries.
- Include a .txt file in place of the description card shown below (all images can be described on one file).
- Digital files must be on PC-formatted CD-R compact discs or USB jumpdrive if submitted at the contest. Otherwise, files may be emailed to the chairperson as attachments or as internet links.
- Digital files must be .jpg format and should be a minimum of 1440 x 960 resolution or at least 1.3 megapixel. Digital media should be labeled with your name and address. Name your files to match all or a portion of your image title.

Separate card required for every image submitted, can be hand written but should be neat (example):

Water Drops on Palmleaf Morningglory
 Circa 1998
 Raleigh, NC
 Shawn Askew

THE 2008 PROGRAM

48th Annual WSSA Meeting

The Hilton Chicago is the location of our 48th annual conference. I think you will find that we have an excellent set of symposia, talks, and posters on the program. When a society puts on an event such as this, there is a lot of behind the scenes work in planning such a conference. There are a lot of individuals who helped me in organizing our conference and I would like to thank each one of them for their help in developing this program.

I would like to thank the section chairs, Peter Porpiglia, Martin Williams, Hannah Mathers, Linda Nelson, Eric Prostko, Bryan Young, Anita Dille, Randy Westbrook, Ian Burke, James Burton, Jason Krutz, Mark Weaver, David Jordan, and David Dickens, for their help organizing the breakout sessions. Pat McMullan is coordinating the sustaining member exhibits. Aaron Hager and his local arrangements committee have been instrumental in developing the Sunday tour to the Chicago Botanic Gardens and Orchids by Hausermann's, as well as developing a list of activities in Chicago. Hopefully you will have an opportunity to visit some of the museums, shows, and other activities near the hotel. See the WSSA website for a listing of some of those attractions. Joyce Lancaster and Kate Counter provided excellent assistance in the development of the meeting brochure and the program booklet, as well as handling other society needs for the annual meeting.

I would like to thank the symposia organizers, including Pat Tranel, Raymond Forney, Vijay Nandula, Lori Wiles, David Shaw, Adam Davis, and Wade Givens, for their assistance in developing an excellent set of special sessions for our meeting. You will find the symposia very timely and relevant to our current issues in Weed Science. Wade Givens, Graduate Student representative, has developed a symposium entitled **Tips and Tricks for Journal Writing: What Everyone Needs to Know for Preparing Submissions to WSSA Journals**, with the assistance of the Profession Development Committee, to help us in our preparation of journal articles. This symposium is open to all members of the societies, as are our other symposia. Vijay Nandula developed **Glyphosate Resistance Mechanisms: Current Understanding and New Insights**, which will expand our understanding of resistance to this widely-used herbicide. An excellent complement to that session is the one developed by Raymond Forney entitled **The Role, Value, and Importance of Complementary Herbicides for Weed Management in Glyphosate-Tolerant Crops**. Adam Davis developed **Invasive Plant Species and the New Bioeconomy**, which will address the invasiveness of plant species being considered as biofuel crops. Lori Wiles and David Shaw developed a GIS workshop for Monday and a symposium entitled **GIS for Invasive Weed Management and Research** on Tuesday. These two sessions will help our membership use this important tool. Pat Tranel developed

Charting the Course for Weed Genomics. This session, co-titled **The Evolution of Weediness**, will address the current lack of funding for molecular biology/genomics approaches in weed science research. A complimentary lunch is available for those participating in the weed genomics symposium. Please see the WSSA website for preregistering for the lunch as well as additional information on the symposia.

We have an excellent keynote speaker for our general session, Mr. Orion Samuelson, Agricultural Services Director for WGN radio. The title for his presentation is **Separating Science from Emotion**, which will give us an insight into drawing a clear line between science and emotion, and will assist us all when working with the media. In the General Session, which starts at 4:00 pm on Monday evening, Jill Schroeder will make her presidential address. Lori Wiles will chair the award presentations. We will officially launch our new journal, **Invasive Plant Science and Management**, during the general session. After the General Session, we will have a reception to honor our awardees and celebrate the first edition of our new journal. We will also have a reception for the membership on Wednesday night.

As we did in San Antonio, we will have a roundtable discussion on Wednesday during lunch to discuss your thoughts and questions on the new journal. Fred Salzman and Russ Wallace will be chairing the vegetable crops roundtable/herbicides for minor crops discussion on Thursday afternoon.

All oral presentations will be conducted using PowerPoint/LCD projectors. If you are giving an oral presentation, please send your PowerPoint file to your section chair prior to the meeting so that the chair can load the files on one laptop and verify that all files are loading properly.

We will be conducting the Poster session differently this year. Based on comments I received from the Professional Development Committee, authors will stand by their posters based on section and not on the odd/even system we have used in the past. Posters for turf and ornamentals, pasture, physiology, and weed biology will be presented on Tuesday morning while the remaining poster sections will be presented on Wednesday morning. Hopefully, this will encourage more discussion within each specific section.

The WSSA board will be meeting Sunday, Monday, and Friday while we are in Chicago. If there are any issues that need to be brought to the board, please contact me or one of the other board members prior to the conference. Most committee meetings will be held on Monday or Tuesday. The President's breakfast with regional presidents will occur on Wednesday morning. I would like all committee chairs to meet with the board on Thursday morning for a

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THE 2008 ANNUAL PROGRAM CONTINUED from pg 5

breakfast meeting. This meeting will allow the board to share its vision with the committee chairs and allow for discussion on integrating committee activities with priorities developed by the board.

Del Delfosse and Barbara Zapp have developed an ARS Weed Science workshop at the Hilton Chicago following the completion of our program. Please consider staying till Sunday, February 10 to assist ARS in developing their priorities for weed science research. Please note that ARS has a different contract with the hotel than WSSA, with a different room rate. You will need to make two reservations with the hotel if you will be attending both sessions. Please mention the Weed Science Society of America when making a reservation for February 4–7, and ARS for Friday, Saturday, and Sunday, February 8–10, 2008.

Please see the WSSA website for the complete program and other information on our annual meeting. Be aware that we made a mistake on the meeting brochure as to the location of the hotel. It is located next to Grant Park and not at the location the insert points to on page 5 of the brochure. See the meeting brochure, which was mailed to you as well as being on the website, for preregistration deadlines.

Thank you for your support of WSSA activities. I look forward to seeing you in Chicago and working with you this coming year.

Jeffrey Derr, 2008 Program Chair

2008 Program Committee

General Program Chair	Jeffrey Derr
Vice Chair	David Shaw
Abstract Editor	Robert Kremer
Local Arrangements	Aaron Hager
Sustaining Member Exhibits	Pat McMullan
Registration/Society Business/ Meeting Planning	Joyce Lancaster, Kate Counter

SECTION CHAIRS

Agronomic Crops	Peter Porpiglia
Horticultural Crops	Martin Williams
Turf and Ornamentals	Hannah Mathers
Pastures, Rangelands, Forests, & Right-of-Ways	David Dickens
Wildland and Aquatic Invasives	Linda Nelson
Regulatory Aspects	Randy Westbrooks
Teaching and Extension	Eric Prostko
Formulation, Adjuvant, & Application Technology	Bryan Young
Weed Biology and Ecology	Anita Dille
Biocontrol of Weeds	Mark Weaver
Physiology	James Burton
Soil and Environmental Aspects	L. Jason Krutz
Integrated Weed Management	David Jordan
Poster Sessions	Ian Burke

Six symposia were chosen for the Chicago meeting. Two will address the invasive plant area and two will focus on glyphosate issues – resistance and complimentary herbicides. One will focus on weed genomics and one will address publishing in WSSA journals as part of the graduate student program in Chicago. Thanks to the organizers for putting together these excellent symposia.

- 1) **Title: Invasive Plant Species and the New Bioeconomy** – Organizers: Adam Davis, Dan Brainard and Eric Gallandt
- 2) **Title: GIS for Invasive Weed Management and Research** – Organizers: Lori Wiles, David Shaw, and Lisa Rew
- 3) **Title: Charting the Course for Weed Genomics** – Organizers: Patrick Tranel and Neal Stewart
- 4) **Title: The Role, Value, and Importance of Complementary Herbicides for Weed Management in Glyphosate-Tolerant**

- Crops** – Organizers: D. R. Forney and David W. Saunders
- 5) **Title: Glyphosate Resistance Mechanisms: Current Understanding and New Insights** – Organizer: Vijay K. Nandula
- 6) **Tips and Tricks for Journal Writing: What Everyone Needs to Know for Preparing Submissions to WSSA Journals (Graduate Student Organization)** – Organizer: Wade Givens

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CONDENSED SCHEDULE
48th Annual WSSA Meeting
Hilton Chicago • February 4–7, 2008

Sunday, February 3, 2008

Tour of Chicago Botanic Garden
Board of Directors meeting

Monday, February 4, 2008

GIS workshop
Committee meetings
Board of Directors meeting
Exhibit and Poster setup
General session and awards presentation
Awards reception

Tuesday, February 5, 2008

Poster section
Breakout sessions
Symposium: Tips and Tricks for Journal Writing:
What Everyone Needs to Know for Preparing
Submissions to WSSA Journals
Graduate student luncheon/business meeting
Symposium: GIS for Invasive Weed Management
and Research

Wednesday, February 6, 2008

Poster section
Breakout sessions
Symposium: Glyphosate Resistance Mechanisms:
Current Understanding and New Insights

continued next column

Roundtable discussion – Invasive Plant Science
and Management journal

Symposium: The Role, Value, and Importance of
Complementary Herbicides for Weed
Management in Glyphosate-Tolerant Crops

Symposium: Invasive Plant Species and the New
Bioeconomy

Society Business Meeting
Reception

Thursday, February 7, 2008

Symposium: Charting the Course for Weed Genomics
Breakout sessions
Vegetable Herbicide Roundtable

Friday, February 8, 2008

ARS Weed Science Workshop
Board of Directors meeting

Saturday February 9, 2008

ARS Weed Science Workshop

Sunday February 10, 2008

ARS Weed Science Workshop

Attractions in the Chicago Area

If you have some free time during the annual meeting in Chicago, there are a lot of activities in the area. See the list below for some possibilities. I would like to thank Aaron Hager, local arrangements chair, and his committee: Dean Riechers, Pat Tranel, Dave Thomas, George Czapar, Dawn Nordby, Bryan Young, Jeff Bunting, Jerry Doll, Adam Davis, Mr. Paul Vassalotti, John Masiunas, Loyd Wax, and Matthew Foes, for their assistance with this list. Information on the opera was provided by Dale Shaner.

— Activities Close to the Hotel —

- Adler Planetarium – 5 blocks
- Art Institute – 5 blocks
- Broadcast Museum – 9 blocks
- Chicago Symphony Center – 5 blocks
- Field Museum of Natural History – 3 blocks
- John G. Shedd Aquarium – 4 blocks
- Lyric Opera – 1.2 miles
- Magnificent Mile – 1.5 miles
- Museum of Contemporary Art – 1.8 miles
- Museum of Science and Industry – 5 miles
- Sears Tower – 8 blocks

John G. Shedd Aquarium

Shedd Aquarium has been a Chicago icon and a leader in the zoo and aquarium profession for more than three-quarters of a century. Arrive early — Shedd is a popular place, and it can get crowded, especially on weekends, in the summer and on holidays. Sunday mornings, when the aquarium is least crowded, are a great time for relaxed, family visits. John G. Shedd Aquarium, 1200 S. Lake Shore Drive, Chicago, IL 60605, Phone: 312-939-2438 <http://www.sheddaquarium.org/>

Lyric Opera

Lyric Opera of Chicago is recognized internationally as one of the great opera companies of our time. The company, originally known as The Lyric Theatre of Chicago was founded in 1954. There is an opera “Falstaff” on Wednesday night, February 6, 2008 at 7:30 pm. Their website is <http://www.lyricopera.org/>.

— Activities Near Chicago —

Argonne National Laboratory

Argonne is one of the U. S. government’s oldest and largest science and engineering research laboratories – the largest in the Midwest. Argonne is managed for the U. S.

Department of Energy by UChicago Argonne, LLC. Argonne has five major mission areas, each of which fulfills important governmental and Department of Energy responsibilities, as well as provides important benefits to our society at large. They are: Conducting basic scientific research to further our understanding of the world we live in. Argonne conducts basic experimental and theoretical scientific research in the physical, life, and environmental sciences, Operating national scientific facilities to help advance America’s scientific leadership. Argonne operates world-class research facilities like the Advanced Photon Source, Enhancing the nation’s energy resources to ensure America’s energy future. Argonne is working to develop and evaluate advanced energy technologies, developing better ways to manage environmental problems. Argonne is at the forefront in developing new ways to manage and solve the nation’s environmental problems and to promote environmental stewardship. National Security has increased in significance in recent years for the nation and for Argonne research. Argonne capabilities developed over the years for other purposes are helping counter the threats of terrorism. Argonne National Laboratory, 9700 S. Cass Avenue, Argonne, IL 60439, 630/252-2000, www.anl.gov/visiting/anlil.html.

Argonne National Laboratory occupies 1,500 wooded acres about 25 miles southwest of Chicago’s Loop. The site also houses the U.S. Department of Energy’s Chicago Operations Office. To reach Argonne from O’Hare International Airport, take I-294 south to I-55. Exit west on I-55 (toward St. Louis) and continue for about four miles to Cass Avenue. Exit south on Cass and turn right at the Argonne sign on Northgate Road, immediately south of I-55. Follow Northgate Road to the Argonne Information Center.

Argonne tours are by reservation only. Visitors to Argonne can schedule a guided tour by calling (630) 252-5562. Tours are normally arranged for Saturdays, either in the morning or afternoon. Morning tours begin at 9 a.m. and end by 11:30 a.m. Afternoon tours begin at 1 p.m. and end by 3:30 p.m. Visitors taking the tour must be at least 16 years old, but children of any age are welcome at the Argonne Information Center if accompanied by an adult. No registration is required to visit the information center, except for Internet and modern technology training in the center’s learning lab. For more information on tours, call at 630/252-5562 or send e-mail to tours@anl.gov.

Ball Seed Company

Ball Seed Company is the leading wholesale horticultural distributor in North America. This family-owned company supplies professional greenhouse growers with quality flower seed, an extensive selection of premium plugs and plants, plus a line of high-performance growing equipment and supplies. Ball Seed Company, West Chicago, Illinois 60185 Phone: 630 231-3500, Fax: 630 231-3605 WWW.BallSeed.com

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Orchids by Hausermann, Inc.

Hausermann, Inc. is one of the oldest and largest orchid growers in the Midwest. They offer a wide selection of *Cattleya* and *Phalaenopsis* Mericloned orchids, other orchid species, and related orchid hybrids as well as *Paphiopediliums* and *Phragmipediums*. Greenhouse tour hours are Monday through Saturday, 9:00 am to 5:00 pm and Sunday from 11:00 am to 3:00 pm. Their address and phone number is Orchids By Hausermann, 2N134 Addison Road, Villa Park, IL 60181-1191 phone 630/543-6855, email info@orchidsbyhausermann.com.

Orchids by Hausermann, Inc. is located 20 miles west of downtown Chicago in Villa Park. From Chicago, go west on 290 15 miles, then exit North Avenue – Route 64 (exit 13 B). Take North Avenue west 4 miles to Addison Road, then turn right (north) on Addison Road, two blocks to our orchid greenhouse on the west side of the street.

Spraying Systems Company

Spraying Systems Co. is the world's leader in spray technology. Spraying Systems Co. is the world's leading manufacturer of industrial spray products, offering more than 87,000 different spray nozzles and accessories. Nozzles are readily available in thousands of sizes, hundreds of configurations and dozens of materials. And, with 12 manufacturing facilities throughout North America, South America, Europe and Asia, we can quickly deliver to customers anywhere in the world. Spraying Systems Co., P.O. Box 7900, Wheaton, Illinois 60189-7900 USA. Phone (630) 665-5000, Fax (630) 260-0842, Email info@spray.com.

Spraying Systems Co. is easily accessible from either of the major Chicago airports or from the Loop. Please follow these directions and call our switchboard if you need assistance. From: Chicago O'Hare International Airport To: North Ave. and Schmale Rd., Carol Stream, IL Driving Distance: 18.6 miles Time: 32 minutes.

The Morton Arboretum

A visit to the 1,700-acre Arboretum can last a few hours or an entire day. Consider starting with a 60 minute introductory guided tour, historical perspective of the Arboretum, and highlights of our magnificent landscapes, featuring plant collections and current seasonal events. Hours: The Arboretum is open 365 days a year! 7 a.m. year-round and will close at 7 p.m. or sunset, whichever is earlier. Admission Fees: \$9 ages 18–64 (\$6 Wednesdays, \$8 ages 65+ (\$5 Wednesdays), \$6 ages 3–17 (\$4 Wednesdays), Free under age 3. Located 25 miles west of Chicago, The Morton Arboretum is just west of Interstate 355 and north of I-88 on Illinois Route 53. Address: 4100 Illinois Route 53 · Lisle, IL 60532-1293, phone 630-968-0074.

Wilson Nurseries

Wilson Nurseries is a large wholesale grower of nursery stock in Northern Illinois. They grow a full line of B&B and container material (shade and ornamental trees, deciduous shrubs, upright and spreading evergreens, broadleaf evergreens, vines, groundcovers, grasses, perennials, liners, and garden mums). With **two locations**, Hampshire and Ingleside, Wilson Nurseries has the performance capacity to meet the needs of the individual residential contractor as well as the large commercial project coordinator. Nestled quietly among the native stands of oaks in the Northern Illinois countryside, the Hampshire location supports field and containerized nursery stock, perennials, garden mums, vines and groundcovers, a fully stocked distribution yard and our main office. You are invited to tour our nursery. Please call the location of your choice for an appointment. No time? Take our online tour to get a better idea of what we have to offer. Hampshire location: phone 847/683-3700; Ingleside location: phone 815/344-0944.

The Chicago Botanic Garden

The Chicago Botanic Garden is a 385-acre living plant museum featuring 23 distinct display gardens surrounded by lakes, as well as a prairie and woodlands. With events, programs and activities for all ages, the Garden is open every day of the year, except Dec. 25. Admission is free; select event fees apply. Parking is \$15; free for members. On Tuesdays, senior citizens age 62 and older pay just \$7 for parking. The Garden is located at 1000 Lake Cook Road in Glencoe, Ill. Visit www.chicagobotanic.org, or call (847) 835-5440 for seasonal hours, images of the Garden and commuter transportation information. The Chicago Botanic Garden is easy to find and easy to reach, approximately 20 miles north of Chicago. The Garden is located at 1000 Lake Cook Road in Glencoe, Illinois. From Chicago, follow the Kennedy Expressway (I-90/94) west to Edens Expressway (I-94) and U.S. Route 41. Exit at Lake Cook Road and travel 1/2 mile east to the Garden. The Garden is located near the Glencoe and Braeside Metra train stations on Metra's Union Pacific North Line. For a schedule of trains, contact Metra Metropolitan Rail at (312) 322-6777 or www.metrarail.com. Bus connections are available from Davis Street in Evanston, Park Avenue Glencoe and Central Street Highland Park train stations. Take the #213 bus marked "Northbrook Court." Buses run north and south on Green Bay Road and then west on Lake Cook Road to the Chicago Botanic Garden. Buses do not run on Sundays and holidays.

Weeds Across Borders (WAB) is a biennial international conference covering the interests of professionals and organizations involved in weed management and regulation.

It is composed of an affiliation of organizations from various jurisdictions across North America with a common interest in sharing information and promoting weed management throughout North America. Because weeds do not obey human imposed laws or boundaries, we must develop partnerships, share information, coordinate programs and projects that cross these boundaries.

The goal of the conference is to provide a forum for educating, sharing and disseminating knowledge about weed management, regulatory issues and concerns about weed dispersal across and between all jurisdictional boundaries in Mexico, Canada and the United States.



The 2008 WAB conference will be held in Banff, Alberta, Canada from May 27-30 to continue to raise awareness of the ecological, economic and social impacts of invasive species throughout North America. Continued continental cooperation across traditional boundaries will encourage the prevention and control of non-native plants.

The conference will be hosted by the Alberta Invasive Plants Council (AIPC) with major partnership of the U.S. Federal Highway Administration, Okanogan County Noxious Weed Control Board and the North American Weed Management Association (NAWMA). The AIPC is a non-profit organization whose mandate is to increase education and awareness about the impacts of invasive plants in Alberta and to facilitate and encourage cooperation and coordination on weed management within and adjacent to Alberta.

Note that the WAB 2008 web pages will be established at the Alberta Invasive Plants Council web site at www.invasiveplants.ab.ca. All the information you will need for registration, travel and accommodation will be at this site and will begin to appear soon.

Please pass this announcement on to anyone who might be interested.



The Call for Papers information is listed on page 11 on this Newsletter!

Weeds Across Borders 2008

Call for Papers

Abstract acceptance deadline: January 25, 2008

Notification date: February 15, 2008

Event date: May 27-30, 2008

The Weeds Across Borders Organizing committee is now accepting oral and poster presentation abstracts. This is an international conference covering the interests of professionals and organizations involved in weed management and regulation. The purpose of the conference is to help promote awareness of the ecological, economic and social impacts of invasive species throughout North America. Continued continental cooperation across traditional boundaries will encourage the prevention and control of non-native plants.

Oral presentation topics for which papers are being solicited are listed below.

Please submit abstracts in English – no later than January 25, 2008 – to Karen Sundquist at aipc.coordinator@gmail.com. You will be contacted by February 15, 2008 if your presentation has been accepted.

Poster abstracts are not restricted to this outline. Posters may be provided on any topic related to invasive plant management.

Note: ALL ACCEPTED PAPERS MUST BE COMPLETED AND SUBMITTED IN THEIR ENTIRETY BY MAY 2, 2008 TO BE INCLUDED IN PROCEEDINGS.

WAB 2008 Agenda outline:

- **STATUS REPORT PER NATION: CONTINENTAL COOPERATION and PARTNERSHIPS**
- **APPLIED RESEARCH REPORTS**
- **NEW ISSUES**
- **EARLY DETECTION RAPID RESONSE**
- **BEST MANAGEMENT TOOLS & PRACTICES**
- **ECONOMIC and ECOLOGICAL IMPACTS – TODAY & IN THE FUTURE**
- **PUBLIC POLICY AND PUBLIC AWARENESS**
- **OPEN DISCUSSION FORUM**

WASHINGTON REPORT

by Lee Van Wychen, Director of Science Policy

SIGN UP FOR YOUR CONGRESS MEMBER'S ELECTRONIC UPDATES

Please go to www.senate.gov and www.house.gov and sign up for your Senator's or House member's E-newsletters, E-lines, or E-mail updates. Not all members of Congress offer this service. However, for those who do, it's a great way to keep up with what's happening with Federal issues and laws that impact your state and district.

WSSA PUBLIC AWARENESS COMMITTEE IS SPREADING THE WORD, NOT THE WEEDS

In July 2006, the WSSA Board of Directors identified a series of strategic goals to make the Society a more recognized force in the national debate over ecosystems management and sustainable practices in plant management and provide greater value to members. Subsequently, the Board created the Public Awareness Steering Committee whose mission was to raise the public awareness of weeds and invasive plants. Initial Steering Committee members include Janis McFarland as chair, Mike Chandler, Carol Mallory-Smith, John Jachetta, Tony White and myself. Over the past year, Carol Somody and Joyce Lancaster have also become active members. With 300+ hours of volunteer effort in 2007, we have developed a detailed public awareness strategy, prioritized our main outreach messages, and issued five press releases so far. The press releases (www.wssa.net/WSSA/PressRoom/) have covered a number of opportune invasive weed issues such as their influence on wildfires and their potential negative impacts if used as biofuels. The press releases have been distributed via PR Newswire (www.prnewswire.com) as well as invasive plant-related list serves and have been featured on other websites and accessed by various types of media. The WSSA's relationship with the media is growing as

a recent press release was accessed 942 times on the PR Newswire site. Reporters from major newspapers are starting to call us for expert opinion and commentary and more importantly, helping us expand our credibility and awareness to the public.

The Public Awareness Steering Committee is also working with the Website Committee to update and expand the WSSA Website, which now includes a section for press releases and detailed information and links concerning invasive plants.

IRREFUTABLE EVIDENCE PRESENTED AT EPA SHOWING ATRAZINE WILL NOT FEMINIZE KERMIT THE FROG

The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) Scientific Advisory Panel (SAP) conducted a public peer review meeting on October 9-12 at EPA to review the data from recently concluded independent studies on the "Response of Larval *Xenopus laevis* (African clawed frogs) to Atrazine Exposure: Assessment of Metamorphosis and Gonadal Morphology." The FIFRA SAP (<http://www.epa.gov/scipoly/sap/pubs/about.htm>) is a body of independent scientific experts that provide advice and recommendations to the EPA on important pesticide-related issues. After this meeting, EPA concluded that **atrazine does not adversely affect amphibian** gonadal development based on a thorough review of 19 laboratory and field studies, including studies submitted by the registrant and others in the public literature. At this time, EPA believes that no additional testing is warranted to address this issue. This meeting decisively finalized many years of debate and cleared atrazine of the bad science previously conducted by biased groups who used fear mongering tactics to promote their environmental agenda.

In June 2003, the EPA evaluated available literature on the potential effects of atrazine on amphibian

gonadal development. The agency concluded that while there was sufficient information to formulate a hypothesis that atrazine exposure can affect amphibian gonadal development, there was insufficient information to refute or confirm that hypothesis due to limitations of the study designs and uncertainties in the data.

In a 2003 White Paper on the subject, EPA critically reviewed the data from 19 lab and field studies, discussed remaining uncertainties in determining the potential effects of atrazine on amphibian development, and outlined a tiered approach for future research that could address these uncertainties. A Scientific Advisory Panel reviewed EPA's White Paper and agreed with its review and the need for future studies.

In response to a November 2004 Data Call-In (DCI) Notice from EPA, Syngenta, the primary atrazine registrant, developed an EPA-approved testing protocol for determining the effects of atrazine on amphibian gonadal development, and went on to conduct two simultaneous studies consistent with the first tier of testing described in the 2003 White Paper. The raw data from these independent studies was submitted to EPA in January 2007 and a final report was provided to EPA in June 2007.

Results showed that exposure to atrazine in concentrations from 0.01 ppb to 100 ppb **had no effect** on the growth, development or sexual differentiation of the test species, *Xenopus laevis*. Frogs were tested over a period of time that included the sensitive window for sexual differentiation and metamorphosis. Therefore, no mode of action relative to the potential for atrazine to feminize amphibians is suggested by these results.

Atrazine has been one of the most commonly used and widely studied herbicides in the U.S. and around the world. Despite its widespread intensive use, atrazine has always been

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considered safe because of its short half-life and negligible bioaccumulation and biomagnification. It's unfortunate that atrazine's "image" over the past 10 years has been "muddied" by certain groups who had a predetermined agenda to "link" atrazine to the endocrine-disruptor debate. However, the science of atrazine has prevailed and we can only hope that the results from these studies reflect positively on the incredible work that EPA does in implementing FIFRA, safe-guarding our environment, and protecting our natural resources.

DAVIS PRESENTS WSSA RESEARCH PRIORITIES AT USDA-CSREES STAKEHOLDERS MEETING IN DC

On November 20, 2007, the USDA Cooperative State Research, Education, and Extension Service (CSREES) hosted a one day workshop on stakeholder priorities in the area of plant and pest biology. Over 20 different stakeholder groups provided comments and concerns during the workshop. Dr. Adam Davis, Ecologist with the USDA-ARS Invasive Weed Management Unit in Urbana, Illinois and incoming Chair of the WSSA Research and Competitive Grants Committee, traveled to DC to present WSSA's research priorities. Much of Dr. Davis's written comments and presentation were based on a research priorities survey conducted this summer that he and Dr. Dean Riechers, the current WSSA Research Committee chair, developed as well as follow-up review from the WSSA Board of Directors. Many thanks to Adam and Dean for their efforts!

A couple of interesting points that came across during the meeting:

1) USDA CSREES is considering lengthening time of awards for some of its programs, possibly up to 10 years; this could open up many exciting opportunities for longer-term research projects; 2) CSREES staff and stakeholders continue to be very excited about the integrated programs (linking research to substantial outreach components within the project) but these grants are undercompeted — there's a good opportunity

here for weed scientists who want to link research and extension.

The following comments were submitted by Dr. Davis on behalf of WSSA:

The mission of the Weed Science Society of America (WSSA), a non-profit professional society, is to "promote research, education, and extension outreach activities related to weeds; provide science-based information to the public and policy makers; and foster awareness of weeds and their impacts on managed and natural ecosystems." Member research on weedy and invasive plants covers a wide spectrum, from fundamental biology to applied management to environmental impacts of weeds and weed management systems. As such, our research priorities overlap with USDA-CSREES strategic goals 2 ("enhance the competitiveness and sustainability of rural and farm economies") and 6 ("protect and enhance the nation's natural resource base and environment").

Weed science as a discipline has had many successes over the years, but its future is in some ways imperiled by its very success. A confluence of factors, including reduced farming system diversity, the widespread adoption of herbicide resistant crops grown in monoculture, a near cessation in herbicide discovery by industry, and lack of herbicide rotation has gradually undermined the foundations of weed management. Herbicide resistant weed biotypes are proliferating at the same time that producer knowledge of the fundamentals of weed management is eroding. We need to add new weed management tools that increase options for the future, and this will require a far better understanding of weed biology and ecology than we currently have. Unfortunately, with the weed management successes of the past have come reduced public and commodity group concern with weeds, consolidation of industry, and stagnant government funding for weeds. How will we fund the basic and applied science needed to develop the next generation weed management tactics?

The NRI Competitive Grants Program continues to be an important source of research funding for U.S. weed scientists. Several aspects of program 51.9, "Biology of Weedy and Invasive Species in Agroecosystems," however, are of ongo-

ing concern to the WSSA membership. The points raised by Dr. David Shaw, in his 2005 report to the CSREES Stakeholder Workshop are still pressing:

- "Program 51.9 now targets not only weedy and invasive plants, but all other invasive species without an increase in funding. The WSSA would like to point out that NRI Programs 51.2, 51.3 and 51.8 that deal with the biology of arthropods, nematodes, and microorganisms were not opened up to invasion biology for their representative organisms. The WSSA would like to see invasion biology for different species placed in their respective NRI Programs.

- The current request for application (RFA) for Program 51.9 appears to be focused on ecological studies on invasive species at the population level and above with no emphasis on weed biology at the suborganismal level on physiology, biochemical, genetic, and molecular aspects. This is surprising with recent initiatives on weed genomics. The WSSA would like to see a balance in research priorities that consider both suborganismal and population level weed biology. Furthermore, this balance in research should address current problems using economically relevant species. There has been a recent trend towards funding NRI projects that seem to focus on model systems and invasive species with limited geographic range and little economic relevance in agroecosystems.

- Only the RFA for Program 51.9 now requires a letter of intent by December 6 after which a committee will decide on invitations by January 1, 2006. This process will not provide much flexibility to consider other programs and limits the grant preparation period to less than 1.5 months."

Research areas of primary interest to the WSSA membership identified by a 2007 survey include, by category:

- Weed biology and ecology: herbicide resistance; invasion biology; cropping system ecology and crop-weed interactions; transgenic crop cultivars; crop tolerance; weed evolution; genomics; landscape ecology; site-specific management; seed biology; population dynamics; allelopathy

- Applied weed management: herbicide discovery and efficacy; decision support

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systems; non-chemical weed management methods; management thresholds; weed management system models; neutraceuticals; biocontrol

• *Environmental impacts of weeds and weed management systems: herbicide fate and transport in soil, water and air; phytoremediation; drift management*

DITOMASO AND BARNEY PRESENT CAST ISSUE PAPER ON BIOFUELS AND INVASIVE WEEDS ON CAPITOL HILL

The Council for Agricultural Science and Technology (CAST) released a new CAST Commentary titled, **Biofuel Feedstocks: The Risk of Future Invasions**. The paper was written by WSSA members Dr. Joseph DiTomaso, Dr. Jacob Barney, and Dr. Alison Fox, reviewed by Dr. Steven Dewey and Dr. Jodie Holt and facilitated by Dr. Kassim Al-Khatib, who is the current CAST President and WSSWS Past-President. The WSSA is very fortunate to have such great talent and leadership within the National and Regional Weed Science Societies!

The objectives of the CAST Commentary paper were to describe the potential risk of dedicated lignocellulose biofuel species becoming weedy or invasive, and to provide a process to quantify and, subsequently, minimize this risk. Several of the candidate biofuel feedstock species being considered for commercial production in the United States are invasive weeds in other regions where they have been introduced. The critical questions addressed in the DiTomaso, Barney and Fox commentary paper include the following:

- What similarities exist between agronomic and invasive traits?
- How will genetic modification affect potential invasiveness?
- How can future invasions be mitigated?
- What are the policy implications with regard to economic or ecological damage?

The full text of **Biofuel Feedstocks: The Risk of Future Invasions** can be found at: <http://www.cast-science.org/websiteUploads/publicationPDFs/Biofuels>

[Commentary Web version with color 7927146.pdf](#)

L to R: CAST Executive V.P. John Bonner, WSSA members Jacob Barney and Joe DiTomaso, and American Society of Agronomy members Wally Wilhelm and Steven Fales pause for a photo op on the terrace outside of the House Agriculture Committee after the presentation of two CAST issue papers to over 70 Capitol Hill Staffers.



WATER RESOURCES DEVELOPMENT ACT BECOMES LAW

The Senate dealt President Bush the first veto override of his presidency on November 8, with its 79–14 vote to adopt the \$23.2 billion Water Resources Development Act (Public Law No: 110-114) authorizing a huge number of water resource projects across the nation. There is something in this bill for every Congressional district in the country. The Senate action occurred two days after the House voted 361–54 to override the veto of the WRDA legislation that supporters said would bring much-needed improvements to the nation's water transportation infrastructure and help expand wildlife habitat programs. The new law authorizes funding for hundreds of projects and initiatives across the U.S. including 43 aquatic ecosystem restoration studies in 20 states that will address the spread of aquatic invasive species. Other major initiatives in the Act include continued restoration for the Florida Everglades and the coastal wetlands of Louisiana, prevention of further shoreline and streambank degradation, and improved shipping on the Mississippi River.

If you want to find out which water resources projects are authorized in your state, you can search the 250+ pages of the WRDA at: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=110_cong_bills&docid=f:h1495enr.txt.pdf. Please keep in

mind that “authorized” projects does not necessarily mean that they will be “appropriated” projects.

PESTICIDE REGISTRATION IMPROVEMENT ACT RENEWED

The House and Senate passed the Pesticide Registration Improvement Renewal Act, also known as PRIA 2, without hardly any fanfare this fall. The legislation renews the Pesticide Registration Improvement Act (PRIA 1) for five more years until 2012. PRIA 1 amended the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) in 2003 to allow EPA to collect pesticide registration service fees from registrants in return for a more predictable and typically shorter evaluation process. In addition, new reduced risk pesticides get “fast track” review due to their perceived environmental benefits. PRIA 2 also provides new funding for a pesticide safety education program, to ensure that these products are applied safely.

NEW AGRICULTURE SECRETARY NOMINATED

In a surprise move on October 31, President Bush nominated former North Dakota Governor Ed Schafer (R) to be Secretary of Agriculture. If confirmed by the Senate, Schafer would replace Mike Johanns, who resigned from the post in September

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to run for the U.S. Senate seat held by retiring Republican Chuck Hagel of Nebraska. Bush's nomination of Schafer surprised many Washington, DC-insiders who assumed Acting Secretary Charles F. Conner would continue to hold the post. In his capacity as Deputy Secretary under Johanns, Conner played an instrumental role in constructing the Administration's farm bill proposal.

FARM BILL STALLED IN SENATE

Progress on the 2007 Farm Bill stalled during November 5–9, the first scheduled week of floor debate, over partisan wrangling about the amendment process. The five-year \$288 billion measure covers programs including nutrition, research, energy, conservation, rural development, and crop commodity payments. The 2002 Farm Bill expired on September 30.

As of December 5, a few people think that the Senate Farm Bill could still get through the Senate before Christmas if Senate leaders can finalize an agreement on limiting the number of amendments to be offered by both parties. However, that doesn't seem likely. It's basically been a big game of finger pointing and window dressing by both parties and the odds are pretty good that we will see a 1 to 2 year extension of the current law.

As for the Research Title, the WSSA favors the House's version of the Farm Bill that was passed in July. The House Farm Bill protects the \$200 million in mandatory research funding for the Initiative for Future Agriculture and Food Systems (IFAFS) that is scheduled to become available in FY2010. The IFAFS program was created in 1998 to provide a source of mandatory funding for integrated competitive programs sponsored by the land-grant universities. Since its inception, however, IFAFS funds have been "stripped out for other uses" in all but two years by the Appropriations Committees, the Office of Management and Budget and Committees on Agriculture via the budget reconciliation process. Nonetheless, the land-grant system has worked hard to reverse this situa-

tion in light of the tremendous unfunded needs – in areas as diverse as human nutrition and biofuels – that must be addressed through programs where scientific research is directly linked to public outreach. The Senate version of the Farm Bill had the IFAFS funding stripped out entirely during the Ag Committee markup and the agricultural research coalitions that we are members of have been working hard to get that money restored. However, our backs are against the wall with the Senate version because any "new" money has to be offset by taking it away from another part of the Farm Bill.

Another reason the WSSA supports the House-passed Farm Bill Research Title is the way the National Institute for Food and Agriculture (NIFA) would be organized within the USDA Research, Extension, and Economic (REE) mission area. The Senate version would basically duplicate responsibilities between the USDA Under Secretary for REE and the NIFA Director, since the NIFA Director would report directly to the Secretary.

USDA CONCLUDES GENETICALLY ENGINEERED CREEPING BENTGRASS INVESTIGATION

On November 26, 2007, the USDA Animal and Plant Health Inspection Service (APHIS) concluded its investigation into alleged compliance infractions by The Scotts Company, LLC. The investigation related to regulated genetically engineered glyphosate-tolerant creeping bentgrass. Under the settlement agreement, Scotts has agreed to pay a civil penalty of \$500,000 which is the maximum penalty allowed by the Plant Protection Act of 2000. Read more: <http://www.usda.gov/wps/portal/usdahome?contentidonly=true&contentid=2007/11/0350.xml>

NEW E-LEARNING WEBSITE ON INVASIVE PLANT MANAGEMENT ISSUES

The U.S. Fish and Wildlife Service and the Center for Invasive Plant Management announced a new e-learning website aimed at engaging

volunteers and the public in invasive plant issues and management. Designed for National Wildlife Refuge volunteers and Friends groups, the website provides science-based, introductory information that is suitable for anyone interested in learning about invasive plants. The five self-study modules address the purpose and history of the Refuge System, how volunteers help in invasive plant management, how refuges manage invasive plants, and tips for community outreach. Each module contains a quiz and web-based resources that enable learners to explore topics more thoroughly.

The website is part of a larger program carried out by the U.S. Fish & Wildlife Service in conjunction with partners, such as the National Wildlife Refuge Association, to engage volunteers in managing invasive species on National Wildlife Refuges. This program includes competitive grants and training in how to map invasive plant infestations using hand-held computers and GPS devices. More information at: <http://www.fws.gov/invasives/volunteersTrainingModule/index.html>

NIWAW 9 IS FEBRUARY 24–29, 2008

The 9th National Invasive Weed Awareness Week (NIWAW 9) will be held in Washington, D.C. the week of February 24 to February 29, 2008 to bring people and groups from across the country together to focus national attention on the severe impacts caused by invasive weeds. Individuals and organizations interested in this issue are invited to participate in this event and help build on the success of NIWAW activities in previous years. NIWAW 9 events are designed to focus on the important roles the Federal government must play to help the U.S. deal with invasive weed problems. We have also designed the schedule to provide ample time for attendees to meet with their Congressional delegations, individual federal agencies and each other.

The theme for NIWAW 9 is "Weeds won't wait: Don't hesitate." The six

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invasive weeds that will be featured on this year's poster are: beach vitex, cheatgrass, giant salvinia, Japanese stiltgrass, Russian olive, and yellow starthistle. This year will be the first year we will be setting up easels and 4' X 4' poster boards at the hotel for participants to display their research, case studies and other invasive weed related issues. The headquarters hotel for NIWAW 9 is the Four Points by Sheraton Hotel, 1201 K Street NW, Washington, DC. The deadline for the "NIWAW Block" hotel reservations (202-289-7600) is January 24, 2008.

The registration fee for NIWAW 9 is \$100 and the deadline is February 1, 2008. NIWAW 9 registration, an invitation, an on-line version of the NIWAW 9 poster, a draft agenda and previous partners and sponsors can be found at: <http://www.wssa.net/Meetings/Invasive/index.htm>

DERR AND SHAW PARTICIPATE IN AAAS LEADERSHIP TRAINING IN DC

During the week of November 12-16, WSSA President-Elect Jeff Derr and WSSA Vice President David Shaw attended the American Association for the Advancement of Science (AAAS) Leadership training program on Science and Technology policy. Dr. Derr was kind enough to write a report to the WSSA Board following the completion of their week here in Washington, DC. Below is most of his report. Thanks, Jeff!

The week-long program contained AAAS presenters along with guest speakers on a wide variety of topics. Some of the topics discussed were the fit of science in public policy, nanotechnology, stem cell research, energy policy/climate change, the space program, strategic weapons, ethics, and evolution. There was a diverse set of attendees, including two from NASA, five international attendees including three connected to the British embassy, two from the USDA Forest Service, one from USGS, and one from the American Chemical Society, plus researchers and grants people from various universities, among others. There were about 35 attendees total. One common comment I received was "I didn't know there was a Weed Science Society of

America." One attendee even googled us.

We had Judy Schneider address us on Congress – its structure and policy. She probably was one of the best speakers of the week. If you ever have the opportunity to hear her speak, take advantage of the opportunity.

Francis Slakely from the American Physical Society gave an excellent presentation on how a scientist can interact with a congressional office. He mentioned four numbers in his presentation: \$10,000 – the amount of money a member of the House of Representatives needs to raise each week for two years for his/her re-election; 110,000 – the average number of votes needed for a representative to get elected; seven minutes – the average time a house staffer has to spend on each contact (phone call, email, etc.) a representative receives; and eight months – the average length of time a house staffer is in their position.

We heard from three lobbyists, one from the University of Michigan, one from United Technologies, and one from a private firm. John Marburger, the Director of the White House Office of Science and Technology Policy, spoke to us, along with the Executive Director of Research! America, and a former Representative, John Edward Porter. Kei Koizumi gave a good talk on the Federal budget.

While we were in DC, David, Lee Van Wychen and I were able to meet with Rob Hedberg and USDA Under Secretary Gale Buchanan. We discussed concerns we had about cutting of funds for the National Agricultural Statistics Survey (NASS) to do pesticide use surveys. If the use surveys are cut, government agencies would instead rely on surveys from private companies (Doane) which would not be publicly available like NASS data. We also discussed NRI funding for weed science research and our concerns about funds potentially being shifted to other invasive species. Dr. Buchanan discussed the need for societies to support the President's budget. We also need to congratulate David Shaw for being named a Fellow in AAAS. Dr. Buchanan supported David's nomination.

Overall, I feel the AAAS program was worthwhile, although it is more of an educational program than leadership training. However, to be able to speak in

DC on issues, one does need to be knowledgeable on how Congress works, along with understanding the issues involved in the interaction between science and public policy.

*Jeffrey F. Derr
WSSA President-Elect*

VAN WYCHEN, JACKSON ATTEND 2007 ASSOCIATION OF FISH AND WILDLIFE AGENCIES (AFWA) MEETING

The Association of Fish and Wildlife Agencies (AFWA) annual meeting was held September 16-21 in Louisville, KY. AFWA represents all of North America's fish and wildlife agencies promoting sound management and conservation, speaking with a unified voice on important fish and wildlife issues. Our primary goal was to build relationships and identify areas of common interest shared by WSSA and AFWA regarding the impacts of weeds and invasive plants on wildlife habitat. AFWA considers invasive plants as one of the greatest challenges to wildlife and fisheries management in the 21st century.

In 2005, AFWA established an Invasive Species Committee to provide a national forum for coordinated action among state and federal agencies, and provide a foundation for development of a strategic AFWA invasive species plan. Federal land management agencies commit millions of dollars to fighting invasive species and strategic coordination among state and federal agencies is critical to the conservation and expansion of existing wildlife and fisheries habitat. During the past year, the AFWA Invasive Species committee completed coordination with the National Wildlife Federation on joint letter of support to Congress regarding reauthorization of comprehensive invasive species legislation and finished the review of an invasive species script for a new video being developed by the Wildlife Forever Foundation and the US Forest Service targeting hunters and anglers. The Committee will continue to work with Wildlife Forever Foundation and the US Forest Service to explore

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A New Type of Activity for the USDA NRI Grant Program

You may or may not know that the new NRI is not the old one. All you have to do is study the 168 page 2008 Request for Applications (http://www.csrees.usda.gov/funding/rfas/pdfs/08_nri.pdf) document and you will learn that besides the standard research and integrated grants, there are many other kinds of awards, including conferences/workshops, equipment grants, postdoctoral grants, sabbatical awards, seed grants, and beginning in FY 2008, the Biology of Weedy and Invasive Species in Agroecosystems Program will pilot a new type of proposal, **Research, Education and Extension Networking Grants (REE-Net)**. These projects involve coordinated networking activities around a common research, educational and/or extension theme/question across disciplinary, organizational, institutional, and/or geographical boundaries. The goals of these projects are to:

- move a field forward or to create new research directions or opportunities through increased coordination, networking and synthesis;
- foster communication and promote collaboration among REE faculty with common interests across

disciplinary, geographical, and organizational boundaries;

- establish networks and collaborations between faculty at Tier 1 and 2 intuitions, and faculty at small, mid-size, and minority serving institutions (1890s, HSI, 1994);
- minimize isolation and maximize cooperation so as to eliminate unnecessary duplication of efforts;
- coordinate the development of new tools and methods and generate community resources such as databases.

Like all proposals, the REE-net proposals must address one of the program's priorities for either research and/or integrated activities. And in 2008 they also require a letter of intent. There is much flexibility in what might be proposed. For example, the size of a group/network is expected to vary depending on the theme and the needs of the proposed activity and may be regional, national, or international in scope. It is expected that each network will include a diversity of members—from established researchers at tier 1 and 2 schools to new researchers, post-docs, graduate students, and faculty at small, mid-size, and minor-

ity serving institutions (1890s, HSI, 1994s). Each project will need a clearly defined management plan that includes a description of the specific roles and responsibilities of the PD/Coordinator and other members of the group/network. The management plan should include provisions for flexibility to allow the structure of the group to change over time as membership and the network's foci evolve. REE-Network awards are expected to be no more than \$50,000/yr for three or four years.

It is too late to submit a letter of intent for the 2008 competition but the Program fully expects to accept REE-Net proposals for 2009. I encourage you to think about issues in weed science that could benefit from the coordination of collective efforts and begin to sketch out a proposal. Please call or email with questions.

Michael A. Bowers

National Program Leader
Cooperative State Research,
Education & Extension Service
(CSREES)

USDA

mbowers@csrees.usda.gov

202-401-4510

SEND NEWSLETTER MATERIAL TO:

Dr. Clifford Koger (Trey)
Editor, WSSA Newsletter
Delta Research
and Extension Center
Mississippi State University
P. O. Box 197
Stoneville, MS 38776
tkoger@drec.msstate.edu
(662) 686-9311 Office
(662) 686-7336 Fax

THINK NEWSLETTER

Deadline for April issue
March 1, 2008

WSSA Contacts at Allen Press, Inc.

For All Contacts:

Phone: (800) 627-1326, (785) 843-1234 • Fax: (785) 843-1274

Joyce Lancaster, Executive Secretary

Ext. 250; E-mail: jlancaster@allenpress.com

Regarding: Society reimbursements, committee activities, membership reports, list rental requests

Jason Gilbert, Association Manager

E-mail: jgilbert@allenpress.com

Regarding: Membership payments, orders, address changes, claims, author billing

Kate Counter, Meeting Manager

Ext. 225; E-mail: kcounter@allenpress.com

Regarding: WSSA annual meeting

Tracy Candelaria, Managing Editor

E-mail: tcandelaria@allenpress.com

Regarding: Reviewer questions

5th International WEED SCIENCE CONGRESS

weeds—local problems
global challenge

photo credit: Tourism Vancouver; aerial of Vancouver



Vancouver,
British Columbia,
Canada

June 23-27, 2008



CWSS Annual Conference Held In Quebec

The Canadian Weed Science Society (CWSS) held its annual conference in Mont Tremblant, Quebec the week of November 26–29. Four individuals were elected to Fellowship in the Society:

- Dr. Al Hamill – Agriculture and Agri-Food Canada, Harrow, Ontario (retired)
[A Fellow and Past-President of WSSA]
- Dr. Susan Weaver – Agriculture and Agri-Food Canada, Harrow, Ontario (retired)
- Dr. Paul Cavers – University of Western Ontario, London, Ontario
- Dr. J. A. Ivany – Agriculture and Agri-Food Canada, Charlottetown, Prince Edward Island (retired)
[Has served as CWSS representative on the WSSA Board of Directors and on several committees]

(see citations below)

Dr. Suzanne Warwick – Agriculture and Agri-Food Canada, Ottawa, Ontario, was this year's recipient of the Excellence in Weed Science Award, an annual award of the CWSS which is sponsored by Dow AgroSciences, Canada, Inc.

Christian Willenborg, a Ph.D. candidate from the University of Manitoba in Winnipeg, Manitoba (Dr. Rene van Acker, Supervisor), and Amélie Bilodeau, an M.Sc. candidate at Université Laval in Quebec (Dr. Gilles Leroux, Supervisor), won the Monsanto Canada Inc. graduate student scholarships.

Rick Holm, Chair
CWSS Scholarships & Awards Committee

FELLOWS CITATIONS

Dr. Al Hamill grew up on a dairy farm near Toronto, Ontario, Canada. He received a B.Sc. (Agr) in Crop Science in 1967 and a M.Sc. in Botany (Weed Physiology) in 1969 from the University of Guelph, and a Ph.D. in Weed Science from Michigan State University in 1971. From 1971 to 2006 he conducted weed management research as a Weed Scientist at the Agriculture & Agri-Food Canada, Greenhouse and Processing Crops Research Centre (GPCRC) in Harrow. He has held various administrative positions, including Section Head, Team Leader, Assistant Director, Acting Director during that time and just prior to retirement was the acting Research Manager for the Centre. Al was (and continues to be, on a part-time basis) also the Test Site Manager for GPCRC for the Minor Use Registration Program within AAFC.

His research concentrated on the integration of weed management into conventional and no-till (reduced till) production systems for grain, sweet and seed corn, soybeans, tomatoes, cucumbers, melons and sugar beets for Southwestern Ontario. He also played an integral role in the Minor Use registration of over 100 herbicide treatments for use in tree fruit new plantings, mature orchards, tomatoes and seed corn.

Al has made numerous presentations on his and his collaborators' research work at grower meetings and confer-

ences, locally, nationally and internationally. He has authored or co-authored more than 70 refereed papers in various scientific journals, 70 miscellaneous reports and articles, and over 750 technical reports for the Canadian Weed Science Society (formerly the Expert Committee on Weeds) Research Report.

n n n

Dr. Susan Weaver has enjoyed a long and distinguished career as the weed ecologist at Agriculture and Agri-Food Canada, Harrow, ON. Her retirement in October, 2007 marks the end of a very successful 30 years. During her tenure she developed several principles that have been adopted both nationally and internationally. Most notably Susan's research projects on herbicide resistant weeds, critical period of weed control, and control of weeds along field edges are what she is most recognized for. From this research she has published more than 60 peer reviewed journal articles in journals such as *Weed Science*, *Weed Technology*, *Canadian Journal of Botany*, *Canadian Journal of Plant Science*, *Phytoprotection*, *Oecologia*, *Journal of Applied Ecology* and the *Agronomy Journal* just to name a few. Susan also served as an associate editor for five journals over the course of her career, including for *Weed Science* and *Weed Technology*. Susan has been actively involved with the Canadian Weed Science Society since 1978, where she most recently served as the secretary and member of the executive from 2002 to 2005. She was awarded the Excellence in Weed Science Award by the society in 1996. Susan's involvement in academia has also been extensive. She had adjunct faculty status at both the University of Western Ontario and the University of Guelph. This allowed Susan to be on the examining committee for several graduate students and the primary advisor for one Ph.D. and three M.Sc. students. These accomplishments, along with Susan's approachable personality, have been invaluable to her colleagues and collaborators and clearly define why she is deserving of this CWSS Fellow award.

n n n

Dr. Paul Cavers graduated from the Ontario Agricultural College, University of Toronto with a degree in agronomy. While attending OAC, Paul distinguished himself with numerous undergraduate academic scholarships and student awards. After graduation, Paul continued his studies at the University of Wales in Bangor, as a student with Professor John Harper in the Department of Agricultural Botany. It was at this time that he began to bridge his academic training in agronomy with plant ecology. After completing his Ph.D. in 1963, Paul accepted a position as a lecturer at the University of Western Ontario. From this beginning, Paul rose through the academic ranks within the Department of Plant Sciences, achieving

CONTINUED on pg 20 >>

tenure in 1971, and professorship in 1978. In 1978 to 1979 and again from 1986 to 1987 he was acting Chair of the Plant Sciences Department. In 2003, he became Professor Emeritus. Paul is highly regarded as an excellent teacher, mentor, weed scientist and plant ecologist. He received the "Outstanding Teacher Award" from the Weed Science Society of America in 1993 and the Mary Elliott Award for Service from the Canadian Botanical Association. Paul has always been a strong promoter of Weed Science to his undergraduate and graduate students, his colleagues and the general public. He initiated and worked tirelessly on the Biology of Canadian Weed Series and was instrumental in helping to launch the new Biology of Invasive Weeds in Canada Series. Throughout his career, Paul has been an active member of Canadian Weed Science Society and provided a valuable link to other Canadian scientific societies, notably the Canadian Botanical Association and Plant Canada. Internationally, Paul is well known for his research on perennial weed ecology, with particular emphasis on Canada thistle. His depth of knowledge with this particular weed species has led some of his colleagues to consider him as Canada's Dr Thistle.

n n n

Dr. Jerry Ivany has had a distinguished career in weed science in Canada and is recognized here and abroad as a dedicated, innovative and very productive scientist.

Throughout his career he has made very significant contributions to the agricultural industry in the Maritime provinces both through a highly productive research program that addressed many important constraints faced by crop producers in the area and his very extensive and effective technology transfer activities. His expertise has also been recognized internationally as evidenced by his invitations to participate in international technology transfer missions and his editorial service to the scientific journal, *Weed Research*.

Not only has he served maritime crop producers and the agricultural industry of eastern Canada, he has provided very effective support and leadership within his profession in various organizations, particularly the Canadian Weed Science Society, but also the Weed Science Society of America, the Canadian Society of Agronomy, the Canadian Pest Management Society, the European Weed Research Society, the PEI Institute of Agrologists and the Agricultural Institute of Canada. He has assumed many leadership positions within these organizations but has also done a lot of behind the scenes work that often goes unnoticed, but is absolutely essential to the successful operation of these organizations.

Dr. Jerry Ivany is a dedicated scientist, an effective leader and a tireless supporter of scientific and professional organizations. Having served as the first President of our Society, it is very fitting that his many contributions be recognized by receiving the first Fellowship awarded by the Canadian Weed Science Society.

Send Newsletter material to:

DR. CLIFFORD KOGER (Trey)

WSSA Newsletter Editor

Delta Research and Extension Center

Mississippi State University

P. O. Box 197

Stoneville, MS 38776

Telephone (662) 686-9311

Fax (662) 686-7336

Email: tkoger@drec.msstate.edu

POSITION ANNOUNCEMENTS

ASSISTANT PROFESSOR OF SOYBEAN PRODUCTION SYSTEMS AND EXTENSION SPECIALIST UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, DEPT. OF CROP SCIENCES

The Department of Crop Sciences is seeking candidates for an Assistant Professor of Soybean Production Systems and Extension Specialist position. Illinois in 2007 produced some 8.3 million acres of soybean, second only to Iowa in both acreage and total production. This position will have emphasis on addressing production problems and enhancing grain quality for improved market potential in order to meet the needs and challenges faced by the community of soybean producers and consumers in Illinois. The successful applicant is expected to develop nationally-recognized extension and research programs to address problems and opportunities in soybean production.

This position may undertake research and extension work in other crops, including bioenergy crops that could be grown in rotation with soybean. Such programs will initiate, assess, and formulate management options considering both economic and environmental impacts.

The Department of Crop Sciences is home to an active, nationally-recognized Extension group, with scientists working in all areas of crop production, genetics, and protection. Collaboration with these scientists and with scientists in other disciplines is expected.

The incumbent is expected to formulate and initiate a comprehensive, externally-funded research program designed to integrate findings from ongoing and new research initiatives into soybean production management systems, and to disseminate information on these systems to soybean producers. Existing resources available to the person in this position include the facilities and personnel of six Crop Sciences research and education centers, personnel in the Crop Systems and Integrated Pest Management Extension teams, a

large and active cultivar testing program, and the National Soybean Research Laboratory. The Illinois Soybean Association is a strong supporter of soybean research and outreach in Illinois.

The incumbent will be expected to advise graduate students in their research and academic programs and to interact with relevant commodity groups.

Candidates must have a Ph.D. in crop science or a closely related discipline. The successful applicant must demonstrate an aptitude for initiating and completing, through to publication, research projects that add both scientific knowledge and support to extension programs. This position requires excellent communication skills, and evidence of outstanding creativity, interest, and energy devoted to solving complex problems through research programs involving cropping systems that include soybean. Interest and ability in the application of ecological principles to soybean production systems are desirable.

This is a 9-month, 100% time academic, tenure track position with opportunity for summer appointment. Responsibilities will be 60% extension and 40% research. Salary is commensurate with qualifications and experience with a comprehensive benefits package for eligible employees. The position is available March 15, 2008, or as soon as possible thereafter.

To assure full consideration, a cover letter including a statement of research and extension/outreach experience and goals, curriculum vitae, a valid email address, certified undergraduate and graduate transcripts, and three letters of reference must be submitted by February 2, 2008, to the address below. Please cite announcement number 09/07A-1504 when applying.

Send application materials to: Dr. Robert G. Hoelt, Head, Department of Crop Sciences, University of Illinois at Urbana-Champaign, 1102 South Goodwin Avenue, Urbana,

Illinois 61801, Phone 217-333-9480, Fax 217-333-9817.

For additional information please contact Dr. Emerson D. Nafziger, Search Committee Chair, Department of Crop Sciences, University of Illinois, 1102 South Goodwin Avenue, Urbana, Illinois 61801. Phone: 217-333-9658, Fax: 217-333-5299, email: ednaf@uiuc.edu.

Additional information about the Department of Crop Sciences is found at <http://crops.ci.aces.uiuc.edu/>

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.



HERBICIDE PRODUCT MANAGER UNITED PHOSPHORUS, INC.

Objectives: Take responsibility for management of United Phosphorus, Inc. (UPI) herbicide product portfolio in North America.

Location: UPI North America Headquarters, King of Prussia, PA

General Statement of Responsibilities: Manage all phases of product life cycle and relevant profit and loss components including: planning, life cycle management, business development for UPI herbicides, marketing, sales, and global product management collaboration/communication.

Experience: Five to ten years of progressive experience in the crop protection business with a focus on row crops such as, rice, cotton, sugarcane, corn, soybean, etc. and specialty crop markets such as tree fruits, grapes, citrus, vegetables, nuts, etc. Demonstrated understanding of the marketing function, and the product development process. Technical background to lead Field Development and regulatory efforts to bring new herbicides to market. Experience interfacing with international business associates.

Personal Characteristics: Applicants should be a highly motivated individual, comfortable working in a lean organization, willing to travel

CONTINUED on pg 22 >>

POSITION ANNOUNCEMENTS CONTINUED from pg 21

50% of the time, creative and willing to try new approaches, and demonstrate the ability to work well with team members across all functions.

Reporting Relationship: Will report to the Director of Marketing and Field Development.

Salary: Salary is competitive and excellent benefits are available. UPI is an equal opportunity employer.

Application Submission: Please send resume or curriculum vita to the following address:

Stephanie Wheaton
HR and Administration Manager
United Phosphorus, Inc.
630 Freedom Business Center,
Suite 402
King of Prussia, PA 19406
Telephone: 610-491-2876
stephanie.wheaton@uniphos.com



MISSISSIPPI STATE UNIVERSITY WEED SCIENTIST/HERBICIDE PHYSIOLOGIST

Job Description: Develop a nationally recognized research program in Weed Science/Herbicide Physiology that addresses critical weed management issues in a diversity of crops (corn, cotton, rice, soybean, wheat, and peanut) grown by producers in the Mississippi Delta and surrounding areas. Research focus will be on herbicide physiology, weed resistance to herbicides, weed biolo-

gy, and plant (crop/weed) responses to biotic and abiotic stresses. Determining mechanisms of resistance in herbicide-resistant weeds, identifying genetic inheritance of herbicide resistance in weed biotypes, investigating physiological response of weed population/biotypes to herbicides, and evaluating the impact of adjuvants and drift retardants on herbicide performance are some areas of research that should be addressed.

The position will be located at the Delta Research and Extension Center (DREC) in Stoneville, MS. Incumbent will be expected to work closely with fellow DREC, Mississippi State University, and USDA-ARS researchers. Incumbent will also be expected to secure extramural funding to support research activities, publish research findings in appropriate professional research journals, and make presentations at professional meetings. Incumbent will be encouraged to participate in graduate student training and contribute to collaborative teaching in off-campus and campus-based educational programs in weed science/herbicide physiology.

Qualifications:

- 1) An earned doctorate or all but dissertation for doctoral degree in Weed Science, Agronomy, Plant Physiology, Molecular Biology, or closely related discipline.
- 2) Experience in weed management, herbicide mode of action, plant

physiology, statistics, experimental design, and/or the current molecular techniques required to conduct research to answer above objectives.

- 3) Familiarity with modern agricultural production practices.
- 4) Excellent written and verbal communication skills to publish research findings in peer reviewed journals and interact effectively with producers, faculty, staff, students, researchers, and other personnel.
- 5) Ability to secure extramural funding, design and manage research projects, and supervise personnel.

Preferred Qualifications:

- 1) Postdoctoral experience.
- 2) Ability to publish research findings in peer reviewed journals.
- 3) Ability in developing grant proposals and securing extramural funding.
- 4) Willingness to address critical issues as a team member in collaborations with scientists from state and federal institutions.

For additional information contact:
Joe Street, Head, Delta Research and Extension Center, Mississippi State University, 82 Stoneville Road, PO Box 197, Stoneville, MS 38776. Tel: (662) 686-9311, Fax: (662) 686-7336.

WASHINGTON REPORT CONTINUED from pg 16

the concept of a jointly funded Inter-Agency Personnel Agreement (IPA) for a State Employee to collaborate with Wildlife Forever in the development and deployment of messages targeted at hunters, anglers and outdoors persons to join in the effort to stop invasive hitchhikers.

AFWA will again be represented at the National Invasive Weeds Awareness Week (NIWAW) activities in Washington, D.C. John Kennedy with

the Wyoming Game and Fish Dept. and chair of the AFWA Invasive Species Committee is committed to continued partnership with NIWAW. For more information about the AFWA Invasives Species Committee or to become a member, please contact Amber Pairis at 202-624-7890 or apairis@fishwildlife.org.

Lee Van Wychen, Ph.D.
Director of Science Policy
The National and Regional
Weed Science Societies
900 2nd St. NE, Suite 205
Washington, DC 20002
Lee.VanWychen@WSSA.net

(PLEASE NOTE my new email address.)

work: 202-408-5388
fax: 202-408-5385

IMPORTANT ADDRESSES

PRESIDENT

Jill Schroeder
New Mexico State University
Entomology, Plant Pathology,
and Weed Science
Box 30003, Dept. 3BE
Las Cruces, NM 88003-0000
Telephone: (505) 646-2328
Fax: (505) 646-8087
e-mail: jischroe@nmsu.edu

PRESIDENT-ELECT

Jeff Derr
Virginia Tech.
Hamptons Rd. R&E Center
1444 Diamond Springs Rd.
Virginia Beach, VA 23455-3363
Telephone: (757) 363-3912
Fax: (757) 363-3950
e-mail: jderr@vt.edu

VICE-PRESIDENT

David R. Shaw
GeoResources Institute
Mississippi State University
Box 9652
Mississippi State, MS 39762
Telephone: (662) 325-9575
Fax: (662) 325-9578
e-mail: dshaw@gri.msstate.edu

PAST-PRESIDENT

Dale L. Shaner
USDA-ARS
2150 Centre Avenue, Building D
Suite 320
Ft. Collins, CO 80526-8119
Telephone: (970) 492-7414
Fax: (970) 492-7408
e-mail: dale.shaner@ars.usda.gov

SECRETARY

Tom Mueller
University of Tennessee
Dept. Plant Science
252 Ellington Bldg.
2431 Joe Johnson Dr.
Knoxville, TN 37996
Telephone: (865) 974-8805
Fax: (865) 974-5365
e-mail: tmueller@utk.edu

TREASURER

Dave Gealy
USDA/ARS
Dale Bumpus National Rice
Research Center
P. O. Box 1090
Stuttgart, AR 72160
Telephone: (870) 672-9300 ext. 226
Fax: (870) 673-7581
e-mail: dgealy@sra.ars.usda.gov

DIRECTOR OF PUBLICATIONS

Michael E. Foley
USDA-Agricultural Research Service
Biosciences Research Lab
Plant Sciences Research
Fargo, ND 58105-5674
Telephone: (701) 239-1251 (voice)
Fax: (701) 239-1252
e-mail: foleym@fargo.ars.usda.gov

DIRECTOR OF SCIENCE POLICY

Lee Van Wychen
900 Second St. N.E.
Suite 205
Washington, DC 20002
Telephone: (202) 408-5388
Fax: (202) 408-5385
e-mail: Lee.VanWychen@WeedScienceOrgs.com

EXECUTIVE SECRETARY

Joyce Lancaster
P. O. Box 1897
Lawrence, KS 66044
Telephone: (785) 843-1235, ext. 250
Fax: (785) 843-1274
e-mail: jlancaster@allenpress.com

IWSS

Albert J. Fischer
Vegetable Crops Dept
University of California
One Shields Ave.
Davis, CA 95616
Telephone: (530) 752-7386
Fax: (530) 752-4604
e-mail: ajfischer@ucdavis.edu

CAST

John Bonner
505 Capitol Court, NE, Suite 200
Washington, DC 20002-4397
Telephone: (202) 675-8333, Ext 11
Fax: (202) 675-8334

AIBS (Our Representative)

Lee Van Wychen
900 Second St. NE, Suite 205
Washington, DC 20002
Telephone: (202) 408-5388
Fax: (202) 408-5385
e-mail: Lee.VanWychen@WeedScienceOrgs.com

NEWSLETTER EDITORS:

WSSA

Clifford Koger (Trey)
Delta Research and Extension Center
Mississippi State University
P. O. Box 197
Stoneville, MS 38776
Telephone: (662) 686-9311
Fax: (662) 686-7336
e-mail: tkoger@drec.msstate.edu

Aquatic Plant Mgmt. Society (APMS)

Chetta Owens
Telephone: (972) 436-2215
e-mail: chetta@laerf.org

NEWS

Dwight D. Lingenfelter, M.S.
Extension Agronomist
Dept. of Crop and Soil Sciences
Penn State University
116 ASI Building
University Park, PA 16802
Telephone: (814) 865-2242
Fax: (814) 863-7043
e-mail: DXL18@psu.edu

NCWSS

Harlene Hatterman-Valenti
North Dakota State University
Dept. of Plant Sciences
166 Loftsgard Hall
Fargo, ND 58105
e-mail: h.hatterman.valenti@ndsu.edu

SWSS

Al Rankins
Mississippi State University
Plant & Soil Sciences Department
Box 9555
Mississippi State, MS 39762
Telephone: (662) 325-3341
Fax: (662) 325-8742
e-mail: arankins@pss.msstate.edu

WSWS

Pat Clay
University of Arizona Cooperative Extension
4341 E. Broadway Rd., Phoenix, AZ 85040
Telephone: (602) 470-8086 ext. 313
Fax: (602) 470-8092
e-mail: pclay@ag.arizona.edu

CWSS

Daniel Cloutier
P. O. Box 222, Sainte-Anne-De-Bellevue
Quebec, Canada H9X 3R9
Telephone: (514) 630-4658
Fax: (514) 695-2365
e-mail: assistant@cwss-scm.ca

IWSS

Jerry Doll
Dept. of Agronomy
1575 Linden Drive, Madison, WI 53706
Telephone: (608) 836-8809
Fax: (608) 262-5217
e-mail: jddoll@wisc.edu

CALENDAR OF UPCOMING EVENTS

DATE	EVENT	LOCATION	CONTACT
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	www.swss.ws
February 4-7, 2008	WSSA Annual Meeting	Chicago, Illinois	www.wssa.net/
February 7-11, 2008	National Cotton Council Annual Meeting	Peabody Hotel Memphis, Tennessee	http://nationalcottoncouncil.com
May 27-30, 2008	2008 Weeds Across Borders Conference	Banff, Alberta, Canada	Karen Sundquist, Program Coordinator Alberta Invasive Plants Council P. O. Box 79066, 926 Ash Street Sherwood Park, AB T8A 2G1 Tel: 780-417-1382 www.invasiveplants.ab.ca aipc.coordinator@gmail.com
June 23-27, 2008	5th International Weed Science Congress	Vancouver, British Columbia, Canada	Albert J. Fischer, IWSS Secretary-Treasurer Dept. of Plant Sciences Mail Stop 4 University of California One Shields Avenue Davis, CA 95616-8780 Tel: 530-752-7386 Fax: 530-752-4606 Email: ajfischer@ucdavis.edu http://iws.ucdavis.edu/
July 13-16, 2008	Aquatic Plant Management Society, Inc. 48th Annual Meeting	The Mills House Hotel Charleston, South Carolina	Mark Heilman, APMS Secretary Email: markh@sepro.com
September 21-25, 2008	International Allelopathy Society Triennial World Congress on Allelopathy (the 5th)	Saratoga Springs, New York	www.iascongress5.org
December 8-11, 2008	NCWSS Annual Meeting	Indianapolis, Indiana	http://www.ncwss.org/