

NEWSS News



Northeastern weed science society

November 2011



Comments from the President



Mark VanGessel
NEWSS
President

Funding for agricultural research, extension, and teaching has been affected by the current economic situation. The NEWSS 2012 Annual

Meeting will explore how state and federal funding could impact our profession in the coming years. What is the funding landscape to look like? And given the competitiveness for these funds, what do we need to do to remain successful. The spillover effects of funding impacts industry, governmental agencies, and the public in terms of what projects are receiving priority. This is the basis for the theme of the 2012 Annual Meeting "Weed Science Funding: New Avenues For a Changing Landscape". Toni DiTommaso has worked very hard to gather a diverse slate of speakers for our General Session and Symposium. Our speakers include Bruce A. McPherson, Dean of College of Agricultural Sciences at Penn State; Thomas Morris, Professional Development Program, Northeast Sustainable Agriculture Research and Education Program (SARE); John Lydon, NEWSS member and USDA-ARS National Program Leader for Weed Science; and Lee VanWychen WSSA and Regional Weed Sciences Director of Science Policy. They will be addressing the current trends in funding for agriculture, and in particular weed science, which directly and indirectly influences all of our members. We have a record number of students submitting papers for this year's meeting, requiring that Toni's program be modified from the past few years, so be sure to look at the program and note the dates and times for specific sessions and functions. In addition to our tradi-

tional sessions, a workshop on Integrated Weed Management is being organized by Matt Ryan and Richard Smith. We are also fortunate to be meeting with the Northeast section of the American Society of Horticultural Science (NE-ASHS) on Wednesday and Thursday. The poster sessions of both organizations will be displayed together with authors present on Wednesday morning. In addition to outstanding paper sessions, we have some great social events planned, including the society mixer (Wednesday night) and the popular dessert social (Thursday night). Please thank Renee Keese and industry sponsorship for this event. Our society awards will all be presented at the start of the business meeting on Thursday afternoon, so be sure to attend when we recognize our very deserving award recipients.

We are returning to the Sheraton Society Hill, located in the historic district of Philadelphia, with easy access off I-95. The hotel has been completely remodeled since our meeting there in 2008. You will only be a few blocks away from the Liberty Bell, Independence Hall, plus bars, pubs and gourmet cuisine. Our hotel rate is \$119/night, with discounted valet parking of \$25/night. The website for direct room reservations is: <http://www.starwoodmeeting.com/StarGroupsWeb/res?id=1110250403&key=92AB3>

Our cutoff date is December 13, 2011, but don't wait too long to reserve! For those flying into the Philadelphia airport, shuttle service is available through Lady Liberty Shuttle Service: <http://www.ladylibertyshuttle.com/>.

Highlights:

- INFORMATION ON THE NEWSS 66TH ANNUAL MEETING IN PHILADELPHIA
- REPORTS FROM COMMITTEE MEMBERS
- VICE-PRESIDENT CANDIDATE BIO
- SUSTAINING MEMBERSHIP INFO

Inside this issue:

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NEWSS News

Comments from the President cont. -

I encourage you to look through this newsletter as it contains critical information. Your Executive Committee has done an outstanding job preparing for this conference.

Also, I want to thank all of you for your understanding over the past two years as the Executive Committee dealt with declining membership and meeting attendance. This has forced us to adjust the registration fee for last year's meeting. I am pleased to let you know that room rates and meeting registration fee for regular members have returned to 2007/8 levels. Thanks again for your support.

I have thoroughly enjoyed the opportunity to serve as your President. Our society has a very capable and dedicated Executive Committee that will keep the society vibrant and moving forward in coming years. I want to thank everyone for their support, we have very dedicated members that are willing to be involved and help in any way they can. I look forward to seeing everyone in Philadelphia in January.

Remember this year's meeting will be meeting Tuesday through Friday, instead of our typical Monday through Thursday schedule.

Hotel Reservation Information for 2012 Annual Meeting:

Discounted room rate guarantee (\$119/night + tax) in effect until [December 13, 2011](#); **please make reservations by this date.**

Individual attendees should make reservations directly with Sheraton Reservations at this link:

<http://www.starwoodmeeting.com/StarGroupsWeb/res?id=1110250403&key=92AB3>

Reservation link will also be on the web at www.newss.org

To make reservations by phone call 1-800-325-3535 for central reservations or the hotel directly at 1-215-238-6000. Be sure to mention the Northeastern Weed Science Society to receive the group rate.

Travel and Parking Information for the 66th Annual Meeting in Philadelphia

Sheraton Society Hill Hotel

One Dock Street, Philadelphia, PA 19106

Phone: (215) 238-6000

Directions:

From Philadelphia International Airport (South) - Take Interstate 95 North to Exit 20 (Columbus Boulevard). Turn left at the traffic light onto S. Columbus. Turn left at the sixth light - Dock Street. Turn right at the stop sign. The hotel is on the right-hand side.

From the Ben Franklin Bridge - stay in the right lane. Take the 5th street exit. Turn right onto to New St. Turn right onto N 4th St. Turn left onto Race St. Turn right onto N Christopher Columbus Blvd. Turn right onto Dock St. Turn right to stay on Dock and the hotel is on the right.

From the 30th St. Train Station—Head south on N 30th St toward JFK Blvd. Turn left onto Market. Take the 1st left onto JFK Blvd. Take I76 ramp (Exit Valley Forge), keep right at the fork and follow signs for I-676 E/US-30. Take the I-676 S/US 30 exit toward Ben Franklin Bridge. Merge onto I676 S/US 30 E/N 6th St. Follow N 6th St. Turn left onto Market St. Turn right onto S 2nd St. Turn left onto Dock St. Hotel is on the left.

Hotel Parking:

Discounted valet parking of \$25/night + tax

Max. vehicle size restrictions: 6' 2" tall x 10' long

Extended cabs and multi-passenger vans may be charged \$32/night + tax since parking for oversized vehicles is limited.

Additional Parking:

Additional parking is located 1 street over from the hotel, cost is \$25/night but only cash or check is accepted at this *public* parking lot.

Secretary / Treasurer Report



NEWSS 2012 Annual Meeting Registration and Dues

Welcome 2012 Northeastern Weed Science Society members and conference attendees. ACTEVA registrations are available now through January. A \$30.00 late fee charge will be added to the registration site after the hotel room block reservation deadline December 13, 2011. The direct link to the page will also be posted on the NEWSS website in November at [http://www.newss.org/](http://www.newss.org/annualmeeting.php)

Melissa Bravo
NEWSS
Secretary/Treasurer

[annualmeeting.php](http://www.newss.org/annualmeeting.php)

If paying by credit card: See ACTEVA at

<http://www.acteva.com/booking.cfm?bevalID=224591&CFID=3848670&CFTOKEN=47977262>

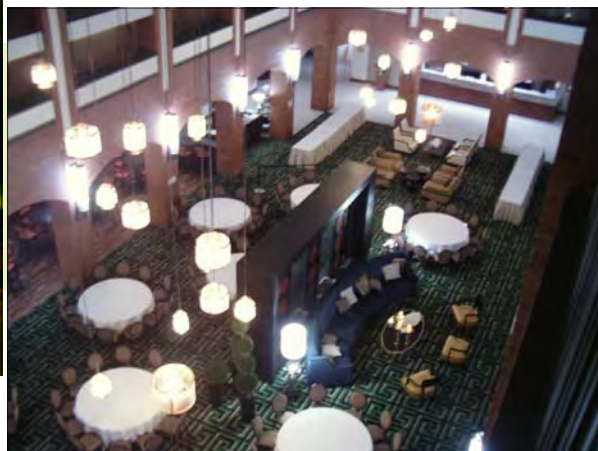
If paying by check or invoice: See attached Mail In Form.

Mail to NEWSS, P.O. Box 307, Fredericksburg, PA 17026. A \$30.00 late fee will apply after the hotel room block reservation deadline on December 13, 2011. The forms will also be posted on the NEWSS website in November at <http://www.newss.org/annualmeeting.php>

At Large Members, If you have not attended a meeting in the past 3 years, please ask your purchasing office to verify they have the current mailing address for the Society: NEWSS PO Box 307, Fredericksburg, PA, 17026. Melissa A. Bravo, Secretary/Treasurer, 717-787-7204, mab36@psu.edu

See you all in Philadelphia!!

2012 NEWSS Annual Meeting at the Sheraton Society Hill



President-Elect Report



66th Annual Meeting of NEWSS
Theme: ***Weed Science Funding: New Avenues for a Changing Landscape.***

Toni DiTommaso
NEWSS
President-Elect

We have a great program planned for January with a total of 110 poster and oral presentations on the program! I hope you will make your plans soon to register for the meeting and the hotel. As was the case last year, we will be meeting jointly with the Northeast Region of the American Society for Horticultural Science (NEASHS).

A timetable of the program events, [Condensed Program](#) and the complete program, [NEWSS Program](#) will soon be available on the web. Remember you will not be receiving a copy of the program in the mail; they will be available at the Registration Desk starting Tuesday, January 3 at 4:30 pm.

We are asking that presenters bring their PowerPoint presentations on a USB memory stick. Laptops will be available at the Registration Desk for you to download your presentation. To facilitate the smooth running of all sessions, please download all relevant file(s) when you register. Also, save your presentation with the time you are presenting and your last name (for instance: 945_Scott). Also, save your presentation as a ppt file NOT as a pptx file. The deadline for downloading presentations is Tuesday, January 3 at 6:30 pm for students presenting in the student section, and Wednesday morning, January 4 at 8:45 am, for all other presenters. As a result of having a record 22 oral student presentations, we have had to schedule student presentations over a 2-day period (Wednesday afternoon and Thursday morning). Also, to be able to complete all presentations by the noon deadline on Friday, January 6, we have had to schedule one concurrent session during the student presentations. Please check the meeting program for more details.

The Student Social is scheduled for Tuesday night, January 3. Adam Smith has organized this event and all students (undergraduate and graduate) are invited. Posters, the General Session and Symposium are being held jointly with the NEASHS on Wednesday morning. The General Session will begin with a Welcome Address, followed by Mark VanGessel's Presidential Address entitled "I Study Weeds; No Seriously I Do". The symposium "*Weed Science Funding: New Avenues for a Changing Landscape*" will begin with a presentation by the Dean of the College of Agricultural Sciences at Penn State University, Bruce McPherson on the status of agricultural funding at Land-Grant Universities. Thomas Morris – Associate Professor

of Entomology at the University of Connecticut and Regional Coordinator of the Professional Development Program, Northeast Sustainable Agriculture and Research and Education (SARE) Grant program will speak on "Outcome Funding and the Northeast Sustainable Agriculture and Research and Education (SARE) Grant program". John Lydon, from the USDA, ARS, Office of National Programs, and National Program Leader for Weed Science will update us on the weed science funding situation within USDA-ARS. Also, Lee Van Wychen, Science Policy Director for National and Regional Weed Science Societies will present on new opportunities and challenges for weed science funding at the federal level.

Two symposia for Thursday afternoon have been planned. The first symposium, "*Moving Beyond Rotating Modes of Action: Advancing the Concept and Application of Integrated Weed Management*", has been organized by Richard Smith and Matthew Ryan with a distinguished panel of presenters including John Lindquist from the University of Nebraska and Steven Shirliffe from the University of Saskatchewan, Canada. The second symposium is a mini-symposium organized by Art Gover and to be held within the Vegetation Management and Restoration section will focus on our current understanding of the distribution, ecology, and management (e.g. chemical and biological) of the invasive swallow-wort (*Vincetoxicum* spp.) vines which are continuing to expand their range in the northeastern and north-central U.S. and southern Canada.

The NEWSS/NEASHS Social will be held on Wednesday evening from 6:30 p.m. to 8:00 p.m. A Thursday evening social offering a Night Cap and Dessert Social will be held from 9 to 11 pm. After a fine meal you can return to the hotel and select your choice of sweets or a night cap (or both) in the Hamilton Ballroom. Renee Keese has coordinated this social with the help of generous industry sponsors for this event.

Please pass on the information to others that you think might be interested in attending.
See you all in Philadelphia!



66th Annual Meeting Condensed Program

TUESDAY JANUARY 3

		8:45 a.m.	Deadline to Load NEWSS Presentations Prefunction Lobby
2:00 p.m. - 7:00 p.m.	Committee Meetings		
2:00 p.m. - 5:00 p.m.	NE-1047 Committee Meeting Frampton Room	9:00 a.m. - 12:00 p.m.	General Session and Symposium Society Hill Ballroom C&D
4:30 p.m. - 5:30 p.m.	Drop Off Photos for Photo Judging at Registration Desk Prefunction Lobby	1:30 p.m. - 5:30 p.m.	Graduate Student Session Society Hill Ballroom C&D
4:30 p.m. - 6:30 p.m.	NEWSS Registration Prefunction Lobby	1:30 p.m. - 2:30 p.m.	Weed Biology & Ecology Ballroom E
4:30 p.m. - 6:30 p.m.	NEASHS Registration Prefunction Lobby	1:30 p.m. - 4:45 p.m.	NEASHS Paper Session Bromley/Claypoole Room
4:30 p.m. - 10:00 p.m.	NEWSS / NEASHS Posters Set-Up Ballroom A&B	3:45 p.m. - 5:00 p.m.	Ornamentals Ballroom E
4:30 p.m. - 10:00 p.m.	Commercial Displays Set-up Ballroom A&B	4:45 p.m. - 5:45 p.m.	NEASHS Business Meeting and Student Awards Bromley/Claypoole Room
6:30 p.m.	Deadline for NEWSS Contest Graduate Students to Load Presentations	5:30 p.m. - 6:30 p.m.	Student Paper Judging Committee Flower Room
6:30 p.m. - 8:00 p.m.	NEWSS / NEASHS Student Mixer Presidential Suite	6:30 p.m. - 8:00 p.m.	NEWSS / NEASHS Social Mixer Hamilton

WEDNESDAY JANUARY 4

7:30 a.m.	Poster Judging Committee Ballroom A&B	7:00 a.m. - 7:30 a.m.	Past-Presidents' Breakfast Taste Restaurant
7:30 a.m. - 4:00 p.m.	NEWSS Registration Prefunction Lobby	7:30 a.m. - 8:30 a.m.	Past-Presidents' Meeting Taste Restaurant
7:30 a.m. - 10:00 a.m.	NEASHS Registration Prefunction Lobby	8:00 a.m. - 3:00 p.m.	NEWSS Registration Prefunction Lobby
7:45 a.m. - 9:00 a.m.	NEWSS / NEASHS Posters (authors present) Commercial Displays, Coffee Ballroom A&B	8:00 a.m. - 9:00 a.m.	NEASHS Registration Prefunction Lobby
		8:00 a.m. - 8:00 p.m.	NEWSS / NEASHS Research Posters (authors not present) & Commercial Displays Ballroom A&B

THURSDAY JANUARY 5

NEWSS News

66th Annual Meeting Condensed Program

8:30 a.m. - 9:45 a.m.	Ornamentals Ballroom E	FRIDAY JANUARY 6	
8:30 a.m. - 11:00 a.m.	Graduate Student Session Society Hill Ballroom C&D	7:00 a.m. - 7:30 a.m.	Executive Committee (Old and New) Breakfast, TBD
8:30 a.m. - 11:15 a.m.	NEASHS Oral Presentations Bromley/Claypoole Room	7:30 a.m. - 8:15 a.m.	Executive Committee (Old and New) Meeting, Cook Room
10:15 a.m. - 11:45 a.m.	Vegetables & Fruit Ballroom E	8:00 a.m. - 11:00 a.m.	NEWSS Registration Prefunction Lobby
11:30 a.m. - 1:00 p.m.	Student Paper Judging Committee Flower Room	8:30 a.m. - 12:00 p.m.	Agronomy Ballroom C&D
1:00 p.m. - 4:30 p.m.	Symposium: Moving beyond rotating modes of action: Ad- vancing the concept and ap- plication of integrated weed management Society Hill Ballroom C&D	8:30 a.m. - 12:00 p.m.	Turfgrass and Plant Growth Regulators Ballroom E
1:00 p.m. - 2:30 p.m.	Mini-symposium: Update on swallow-wort ecology & management Ballroom E	12:00 p.m.	Adjourn
2:30 p.m. - 4:30 p.m.	Vegetation Management and Restoration Ballroom E		
4:30 p.m. - 6:00 p.m.	NEWSS Annual Business Meeting & Awards Society Hill Ballroom C&D		
6:00 p.m. - 9:00 p.m.	NEWSS / NEASHS Poster Take Down		
9:00 p.m. - 11:00 p.m.	Industry Night Cap and Dessert Social NEWSS / NEASHS Hamilton Room		

Please download your presentations at the Registration Desk when you register.

USB memory sticks required

Please submit as a ppt file rather than a pptx

Deadline for Downloading Presentations:

Graduate Students:
Tuesday 6:30 p.m.

All Other Presentations:
Wednesday 8:45 a.m.

NEWSS News

Vice President Report



2012 Annual Meeting and Beyond

We are quickly approaching our next NEWSS Annual Meeting on January 3-6, 2012 in Philadelphia.

Dwight Lingenfelter
NEWSS
Vice President

Aside from our standard slate of breakout sessions, we will have two symposia, one entitled,

“Moving beyond rotating modes of action: advancing the concept and application of integrated weed management” and the other highlighting issues surrounding swallow-wort (dog-strangling vine) biology and management. Included in the symposia will be a few speakers from outside of our region to provide insight into these various topics, namely, Dr. John Lindquist, University of Nebraska and Dr. Steve Shirtliffe, University of Saskatchewan. The swallow-wort mini-symposium will update attendees on the current and potential distribution of these two invasive vines in the northeast as well as include updated information on their biology/ecology, herbicidal and biological control. There will also be panel discussions during both sessions to provide time to delve deeper into specific areas. We look forward to both of these special sessions.

As we look further into the future to 2013, I want to keep you informed about our special joint Annual Meeting with the Weed Science Society of America (WSSA) in Baltimore, MD. It will be located at the Hilton Baltimore on February 4 – 7, 2013. Since it will be a joint meeting, we will not have our typical meeting during the early January timeframe. Although most of our topical sessions fit nicely into the WSSA framework, I am working with the WSSA meeting coordinators to allow specific sessions that are designated for NEWSS functions such as our graduate student paper section, business and committee meetings, and Past President’s breakfast. One note about the student oral paper session, since we are limited by the scheduling format, there only will be enough time for a maximum of 20 students to compete in the judged paper contest. We are still working out the details but if there are additional student papers, we encourage them to be included in the judged poster session or simply presented during one of the standard breakout sessions. We will provide more information on this as we get closer to the event. If there are other unique sessions that must be maintained for this meeting, feel free to let me know. **In addition, we are always in need of and welcome ideas and insights for workshops and symposia.** If you have any topics of interest, please let me know (dwight@psu.edu or 814-865-2242) so we can organize a useful meeting. We hope this joint meeting will provide an opportunity to those who have not attended a WSSA meeting as well as help to reduce expenses for those who typically attend both meetings.

NE-ASHS News



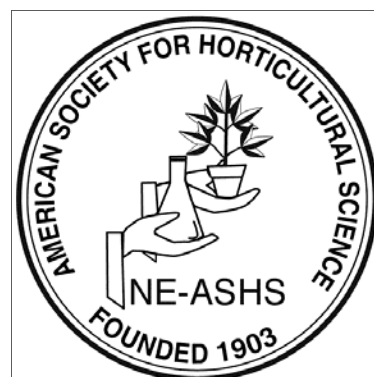
NE-ASHS Sessions Feature Something for Everyone

The Northeast Region of the American Society for Horticultural Science (NE-ASHS) once again joins NEWSS in providing profes-

Nick Polanin
NEASHS
Secretary/Treasurer

sional development and student presentation opportunities at the 2012 conference. Twenty oral presentations and 10 poster presentations from faculty, students, and members throughout the Northeast span a wide and diverse spectrum in horticulture research and Extension efforts. Commodities such as amaranth, apples, blueberries, broccoli, cranberries, cucumbers, hazelnuts, lima beans, peaches, peppers, and sunflowers are joined with alternative energy production, urban forestry, 3-D plant architecture imaging, ornamental plant breeding, farm risk management, therapeutic horticulture, rain gardens, and ethnic consumer preferences to present an incredible array of ongoing efforts within Extension horticulture program across the Northeast. Student competitions in both oral and poster presentations will be featured on Wednesday afternoon, with awards being presented at the NE-ASHS business meeting later than same afternoon. NE-ASHS President Carolyn DeMoranville of the University of Massachusetts, Amherst and President-Elect Bill Hlubik of Rutgers University cordially invite you to stop in and see just what today’s and tomorrow’s leading local researchers in horticulture have been up to lately. I hope to see many of you there!

Please visit the NE-ASHS conference portion of the ASHS website, <http://www.ashs.org/>, by clicking on the “Conference” along the header and selecting “Regional Meetings” from the drop down box. Abstracts from the 2011 NE-ASHS Conference are available online at <http://www.ashs.org/downloads/NE-ASHSAbstracts2011.pdf>. This is an open access downloadable PDF document.



Candidate for NEWSS Vice President



Dr. Greg Armel is a native of Virginia, and he earned his BS in Forestry Wildlife Management, MS in Ag Education and Ph.D. in weed science from Virginia Tech. Dr. Armel worked under the direction of Dr. Henry Wilson. Greg's Ph.D. research

Greg Armel
Candidate for
Vice President

included weed management studies in corn, soybean, cotton, cereals, and a variety of vegetable crops. His dissertation research with mesotrione led Greg to be an invited researcher at Syngenta's Jealott's Hill Research Center near Bracknell, UK.

After graduation in 2002, Greg worked for DuPont Crop Protection working in their herbicide discovery group and was co-inventor of the herbicide aminocyclopyrachlor. Following his tenure in discovery, Greg worked in DuPont's development organization as their corn and soybean development specialist where he was responsible for developing products like Require Q, Resolve Q, Envive, and Enlite.

In the fall of 2007, Greg accepted a position at the University of Tennessee-Knoxville where his area of responsibility is weed control in horticultural crops, including vegetables, tree fruit, ornamentals, and also invasive plants in natural and non-crop areas. His appointment is 75% extension and 25% research. In addition to applied research, Greg also maintains several basic science projects including research into the effects of pesticides on crop nutrition, evaluation of proprietary herbicide resistance genes, evaluation of the biokinetics of herbicides with radiolabeled herbicides, and understanding various alternatives to current weed management programs. Greg has been a member of the NEWSS society since 1999 and has served the society as Proceeding's editor and as a member of the photo judging committee. He has also co-hosted two weed contest events for the society including the most recent WeedOlympics contest in 2011.



Candidate for Secretary-Treasurer



Erin Hitchner was born and raised in southern New Jersey and received her BA from Rutgers College with a major in Biology. After completing her undergraduate degree, Erin worked as a Field

Erin Hitchner
Candidate for
Secretary/Treasurer

Researcher with the IR-4 Program at the Rutgers Agricultural Research and Development Center in Bridgeton, NJ. She began her graduate studies in Entomology in 2004 at Virginia Tech, and received her Ph.D. in 2007. Erin began working for Syngenta as a Research and Development Scientist in 2008. At Syngenta, Erin conducts herbicide, fungicide and insecticide efficacy trials contributing to the biological profiling and label development of pest control products. She also coordinates efficacy trials with University researchers throughout the Mid-Atlantic Region. In addition, Erin provides technical data and information in support of special local, state and regional labeling actions. Erin has been a member of the NEWSS since 2008, and is also active in the Eastern Branch Entomological and American Phytopathological Societies. Erin was the recipient of the Virginia Tech College of Agriculture and Life Sciences 2009 Outstanding Recent Alumni Award. She has authored/co-authored 8 refereed scientific publications and 20 non-refereed/extension publications. She resides in southern New Jersey with her husband and daughter.



NEWSS News

NEWSS Logo Design



Hilary Sandler
NEWSS
Past President

Submitted designs were viewed and judged by a committee of NEWSS members. The following designs are being presented to the membership for consideration. We will vote at the January meeting by ballot. Please bear in mind that you are voting for the conceptual idea of the logos below. Some minor changes (color, placement of words, final drawing details) may occur once the society has decided on one particular logo. You will also have the option to vote for the current logo. The logo will be used in a color and monochromatic form on letterhead, awards, shirts, etc. as with the current logo.

Thanks to the members who submitted designs to the contest! Below are the four designs to vote on in January.



Current logo



Sustaining Membership Report



John O'Barr
NEWSS Sustaining
Membership Chair

During the months of October and November, I have been working to recruit sustaining members for the 2012 year. So far we have 12 organizations (listed below) who have pledged their support. On behalf of the NEWSS, I would like to personally thank these 12 organizations for their contributions for 2012. These contributions are critical to the financial health of the society and I invite other companies and organizations to consider becoming a sustaining member today!

All membership levels receive a copy of the proceedings and an exhibit table and recognition at the Annual Meeting and in the Society's Newsletters. The tiered fee structure provides benefits such as complementary conference registration(s), company link on the NEWSS website, etc., depending on the level of support.

Platinum and Gold Sustaining members automatically make a contribution to the collegiate weed contest. Silver and Bronze members are encouraged to make a separate donation for the collegiate weed competition. If you are interested in becoming a sustaining member or would like to contribute to the 2012 weed contest, please contact John O'Barr (john.obarr@basf.com, 717-386-8259).

2012 Sustaining Members	2012 Level
BASF Corporation	Platinum
Syngenta	Platinum
Bayer CropScience	Platinum
Dow AgroSciences	Gold
The IR-4 Project	Gold
United Phosphorus, Inc.	Gold
BAAR Scientific	Silver
OHP, Inc.	Silver
PBI Gordon	Silver
ACDS Research	Bronze
LABServices, Inc.	Bronze
Reality Research	Bronze

Level	Contribution	2012 Conf. Registrations	2012 Weed Competition
Platinum	\$2,000	2	\$1,000
Gold	\$1,000	1	\$500
Silver	\$500	none	none
Bronze	\$250	none	none



NORTHEASTERN WEED SCIENCE SOCIETY

2012 Sustaining Members

Platinum

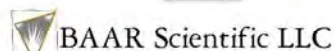


Bayer CropScience

Gold



Silver



Bronze

ACDS
Reality Research
LABServices

Commercial Displays

All 2012 Sustaining Members of the NEWSS are eligible and encouraged to participate in the Commercial Display Session at the Annual Meeting in Philadelphia. This session is held in conjunction with the Poster Session, beginning Wednesday, January 4th at 7:45 am and is an excellent opportunity to inform the attendees of your services and products. Please plan to set up your commercial displays Tuesday, January 3rd between 4:30 and 10:00 pm in Ballroom A&B and remove them no later than Friday January 6th by 11:00 am.

Table space for displays can be reserved by contacting the Sustaining Member Chairperson: John O'Barr, john.obarr@basf.com 717-386-8259,. The deadline for reserving space is December 16, 2011. Display items may be shipped directly to the hotel prior to the meeting at the following address:

Sheraton Society Hill Hotel
One Dock Street
Philadelphia, PA 19106

Have proper labeling on the packages and include the hotel address. Please ship items to arrive within 3 business days of the meeting to avoid any hotel delivery and storage fees. Indicate the following on the shipment: Hold in the NEWSS business office for "Company, Name, NEWSS, January 3-6, 2012."

Employment Opportunities

Seeking Employees, Graduate Students, or Post-doctoral Scholars:

Please bring your Job Postings to be displayed at the annual NEWSS meeting in Philadelphia. A poster board/easel will be placed near the registration desk for display. Further, if interested, please stop by the Graduate Student Mixer on Tuesday, January 3rd from 6:30-8:00 pm, Presidential Suite, to give a brief overview of the available position to the graduate students. Please contact John O'Barr, john.obarr@basf.com, 717-386-8259 with any questions.



Editor's Report



Darren Lycan
NEWSS Editor

Thanks to all the authors that submitted titles and abstracts for our annual meeting in Philadelphia, PA in January. Preparations are underway on the proceedings and final program booklet. An electronic version of the entire program will be made available on the NEWSS website prior to the meeting. As in the recent past, program booklets will be available at the registration desk but will not be mailed prior to the meeting.

The covers of our 2012 program and proceedings will feature a photo of common yarrow from Jennifer D'Appollonio from the University of Maine. Her photo was the winner of our 2011 photo contest.

The Photo Contest tradition will continue in 2012, so I encourage you to bring your best weed science photo(s) to Philadelphia and enter the 2012 contest. Photos can be dropped off at the registration desk Tuesday, January 3rd from 4:30 to 5:30 pm. The Photo Judging Committee will meet that evening to judge the entries. The preferred photo media is on CD or memory stick, or in an email. We still accept matted photos for the contest as well. If you would like to send your photos early, you can email them directly to the Photo Judging Committee Chair Greg Armel at gar-mel@utk.edu. Remember to clearly identify the species and label the picture file with the corresponding subject and your name (ex. Velvetleaf1_John Doe).

Photo Contest Rules

Rules for the contest can be found in the NEWSS Manual of Operating Procedures Addendum 5. Briefly they are:

- Contest open only to NEWSS members
- Contestants can enter up to 5 photos (only one can win)
- Photos can be of anything associated with weed science
- Judges will consider subject, composition, technical aspects, and overall appeal
- 3 Prizes - certificates and \$100 for 1st, \$50 for 2nd, and \$25 for 3rd

Please adhere to the drop-off deadline Tuesday, January 3 before 5:30 pm; if you are unable to make this deadline, please email the image prior to the meeting. Remember to clearly identify the subject and photographer on the photo or in the file name.

NEWSS News

Graduate Student Report



Hello NEWSS graduate students - the annual meeting is almost here. The semester is coming to a close (I hope it's going well) and it's time to start thinking about your oral and poster presentations.

Adam Smith
NEWSS Graduate
Student Rep.

If you are presenting a talk, please remember that your talks must be uploaded on the moderator's computer in the Prefunction Lobby by Tuesday, Jan 3rd at 6:30 pm; USB drive is required. Failure to do this will lead to a ten-point deduction from your score, thereby preventing you from potentially winning the competition. Presentations will be judged based on the quality and clarity of the presentation, the judicious use of allotted time, and the creativity of the presented research. Full criteria can be found at the link below. Students presenting posters should set their posters up in Ballroom A&B between 4:30-10 pm on January 3rd. As a reminder, poster size maximum is 3 x 4 feet. Again, full criteria can be found at the link below.

All contest rules are available as PDFs at:
<http://www.newss.org/annualmeeting.php>.

We have an exciting graduate student event for you. The event will be held in the Presidential Suite and we have a small group of recent graduates joining us to talk about life after the degree. We will hear from individuals in academia, industry, and government. This will be an opportunity for you to learn what is expected in your field, tips and advice on how to be at your best. They will also be available for questions and conversation.

Good luck with the rest of the semester. If you have any questions or concerns, don't hesitate to contact me (urzsmith@vt.edu).

Note from the NEWSS News Editor

As January 2012 approaches, my term of NEWSS Public Relations Representative is quickly coming to an end. It has been a fast and furious three years.

It has been an honor to serve the Society. This position gave me the chance to expand my skills as an editor, a website administrator, a photographer and most importantly, as a liaison to all the members. It gave me the motivation to be more outgoing and to get to know many of you on a greater scale.

My replacement, Jose Javier Vargas, an R.A. with the University of Tennessee, Knoxville will begin his term as PR rep at the January meeting. Javier is clearly a multi-tasker extraordinaire as he is currently enrolled in a graduate degree program. Many of you may know him for his skills at photography, as he has placed several times in the NEWSS photo contest! I have every confidence that he will serve the Society members well. Please welcome Javier to the NEWSS executive committee at the meeting.

Again, it has been a pleasure to serve as liaison to the committee and the NEWSS members. Hope your holidays are peaceful. See you in January.

Regards,
Barb Scott

Instructions for research poster contest entries including maximum size requirement and judges score sheet can be accessed at:

<http://www.newss.org/docs/mop/addendum-4.pdf>

Instructions for student presentations including requirement and judges score sheet can be accessed at:

<http://www.newss.org/docs/mop/addendum-3.pdf>

Historic Philadelphia-Places of Interest near the Sheraton Society Hill ★



CAST Report



The 2011 Fall Board Meeting was held October 18-21, 2011 in Des Moines, IA. This years marked the 40th anniversary of the Council for Agricultural Science and Technology. A reception and program moderated by

Randall Prostek
NEWSS
Representative
to CAST

Gale Buchanan was held on the last night of the meeting. Several critical people in the history of CAST presented a history and outline CAST accomplishments from the 40 year period.

As a result of a resignation by the Chair of the Plant Agriculture and Environmental Work Group, Randy Prostek was moved from vice chair to chair in August. He will remain chair of this work group until the fall 2012 CAST board meeting.

Currently there is some indication that the fall 2012 CAST board meeting will be coming east. Randy will be working with CAST staff on the preparations for this upcoming meeting. He may call upon members of NEWSS for suggestions and support.

In the April 2011 newsletter a call to be an individual CAST member was sent out. Please review the April issue and consider becoming a member of CAST.



WSSA Report



Leave the dreary wintry northeast, and book your travel plans now for the 2012 WSSA meeting in beautiful Kona, Hawaii. The

Jacob Barney
NEWSS
Representative to
WSSA

meeting is being held at the Hilton Waikoloa Village on the west side of the Big Island February 6-9. You have five tours to choose from, a brand new

“unofficial” fun run, and three symposia to fill your time between umbrella drinks.

Most flights arrive in the afternoon/evening and leave in the evening (read red-eyes). The hotel is about 20 minutes North of the airport and you have a choice of renting a car and paying parking at the hotel or taking a cab/shuttle. My recommendation is to either carpool and split a fairly expensive cab or rent a car. The longer you plan to stay, and more you plan to go off-site, I would suggest renting a car. Volcanoes National Park is a few short hours drive South.

Some other information about the hotel, it is fairly far from any towns if you want to eat outside the hotel. There is a small open-air mall within walking distance, which has some restaurants. There is also a grocery store nearby as well. Check www.wssa.net for all details regarding registration, hotel information, and other goodies.

WSSA is currently in the process of overhauling the website to both modernize and make it more user friendly. If you have any suggestions for specific information you would like to see on the site that is not currently available, please forward that to me as I am on the redesign committee.

Lastly, NEWSS will be co-hosting the 2013 meeting with WSSA in Baltimore. We will keep you updated as more news becomes available, but for those of you that don't regularly attend WSSA this will be an excellent opportunity to engage the broader weed science community.



Director of Science Policy Report



WSSA Herbicide-Resistant Weed Tour for the EPA

On August 15-17, 2011 the WSSA hosted a field tour of herbicide-resistant weed infestations in Missouri, Illinois, and Arkansas for officials representing the U.S. EPA and the USDA Office of Pest Management Policy. We heard from an array of experts dealing with the ever-expanding herbicide-resistance weed problem that included crop consultants, agronomists, farmers, and university extension personnel. This tour would not have been possible without the outstanding leadership and organization by Dr. Kevin Bradley, University of Missouri, Dr. Bryan Young, Southern Illinois University, and Dr. Jason Norsworthy, University of Arkansas. In addition, Dr. Jill Schroeder, WSSA liaison to EPA

helped coordinate the EPA contingent. The tour was sponsored by the United Soybean Board, the Illinois Soybean Association, the North Central Weed Science Society of America, and the WSSA.

The tour started in central Missouri where Kevin Bradley showed us two field sites. The first field had a population of giant ragweed that was resistant to glyphosate and the second field had a population of waterhemp that survived three applications of glyphosate AND three applications of PPO-inhibiting herbicides. The tour continued through southwestern Illinois where Bryan Young discussed the presence and spread of glyphosate-resistant marestail, waterhemp and Palmer amaranth. We observed many fields where glyphosate-resistant waterhemp had become a problem in the last year or two, and were only going to get worse, potentially leading to multiple herbicide resistance in waterhemp. Travel through northeast Arkansas was directed by Jason Norsworthy and Ken Smith, who inundated us with repeated fields of cotton and soybean infested with glyphosate-resistant Palmer amaranth. Many fields were being hand-weeded and some were terminated with tillage because of complete crop failure due to herbicide resistance weeds.

The tour provided a first-hand look at the scope, impact, and unique challenges that growers faced when trying to manage herbicide-resistant weeds. We saw which best management practices were being used and why. We also saw how the complexity and economics of crop production sometimes prevented or limited other best management practices from being implemented. I think everyone on this tour gained a greater understanding of the realities of battling glyphosate-resistant weeds. It will take a herculean effort from all stakeholders to implement technologies and practices that will thwart the continued escalation of this problem.

Dr. Schroeder did a great job compiling the full report, which can be found at www.wssa.net



PICTURE CAPTION: WSSA herbicide resistance tour participants on August 17 (front row L to R): Mike Barrett, WSSA President; Stewart Weaver, Arkansas farmer; Jill Schroeder, WSSA Subject Matter Expert to EPA; Kevin Bradley, University of Missouri; (middle row L to R): Carissa Cyran, EPA Pesticide Re Evaluation Division; Melanie Biscoe, EPA Pesticide Re Evaluation Division; Maggie Rudick, EPA Registration Division; Lee Van Wychen, WSSA Director of Science Policy; (back row L to R): Ken Smith, University of Arkansas; Jason Norsworthy, University of Arkansas; Dan Kenny, EPA Registration Division; Derek Berwald, EPA Biological and Economic Analysis Division; Bill Chism, EPA Biological and Economic Analysis Division; Julie Langsdale Van Alstine, EPA Health Effects Division; Harold Coble, USDA Office of Pest Management Policy; Bryan Young, Southern Illinois University; Brian Kiernan, EPA Environmental Fate and Effects Division; Grant Rowland, EPA Registration Division; Mike Mendelsohn, EPA Biopesticides and Pollution Prevention Division.

Senate FY 2012 USDA Research Funding Outlook Better than House

The Senate Appropriations Committee passed its version of the FY 2012 Agriculture Appropriations bill on September 7th. Unlike the House Ag Approps Committee, most agencies and programs in the Senate version of the ag bill saw realistic numbers given their past performance and accomplishments in light of the federal budget crunch. It was disappointing to see Rep. Kingston and his staffers throw out double digit reductions in ag research programs this spring. Kudos to Sen. Kohl and his staff for their foresight and commitment to agriculture and food research. The ag approps bill is part of the first "minibus" appropriations package along with 2 other approps bills. With any luck, we will have a 2012 ag appropriations bill finalized before Thanksgiving.

Director of Science Policy Report

<u>USDA Program Description</u>	<u>FY 2011</u>	<u>FY 2012 House</u>	<u>FY 2012 Senate</u>
	Dollars in Thousands		
Agricultural Research Service	\$1,133,230	\$987,581	\$1,094,647
Economic Research Service	\$81,814	\$69,454	\$77,723
National Ag Statistics Service	\$156,447	\$148,340	\$152,616
National Institute of Food Agriculture	\$698,740	\$591,748	\$709,825
- Hatch Act	\$236,334	\$208,000	\$236,334
- Cooperative Forestry Research	\$32,934	\$30,000	\$32,934
- Improved Pest Management & Biological Control	\$16,153	\$14,000	\$15,830
- Ag and Food Research Init. (AFRI)	\$264,470	\$229,500	\$265,987
- Extension Activities	\$479,132	\$407,993	\$478,179
- Smith Lever	\$293,911	\$259,200	\$295,800
- Integrated Activities	\$36,926	\$8,000	\$8,000
- Section 406	\$29,000	\$8,000	\$17,964
- Regional IPM Centers	\$3,000	\$4,000	\$2,994
- FQPA Risk Mitigation (RAMP)	\$0	\$0	\$0
- Crops affected by FQPA (CAR)	\$0	\$0	\$0
- Methyl Bromide Transitions	\$2,000	\$0	\$1,996
- Organic Transitions	\$4,000	\$4,000	\$3,992
Animal and Plant Health Inspec. Serv.	\$863,270	\$783,838	\$820,110

NPDES Permits now Required for Aquatic Applications

Despite having a 2/3's majority support in both the House and Senate, Sen. Barbara Boxer (CA) managed to block H.R. 872 from coming to the Senate floor for a vote. H.R. 872 ensures that pesticide applications over or near water are regulated through the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and fixes some misguided court decisions that have resulted in a duplicative and costly National Pollutant Discharge Elimination System (NPDES) permit.

Thus, on October 31, 2011 EPA issued a final NPDES Pesticide General Permit (PGP) for point source discharges from the application of pesticides to waters of the United States. While the permit requirements must be met as of October 31st, applicators will be covered automatically under the PGP without submitting a Notice of Intent (NOI) for any discharges before January 12, 2012. To continue coverage after January 12, 2012, those operators who are required to submit NOIs will need to do so at least 10 days (or 30 days for discharges to National Marine Fisheries Service (NMFS) Listed Resources of Concern) prior to January 12. For the first 120 days that the permit is in effect, EPA will focus on providing compliance assistance and education of the permit requirements, rather than on enforcement actions. EPA will host a free webcast on NPDES Permit requirements on Nov. 22nd and a second one on Dec. 7th. For more information and to register, please click here: <https://www1.gotomeeting.com/register/162607168>

Director of Science Policy Report

Senate includes \$4 Million for the Corps' Aquatic Plant Control Research Program

The Assistant Secretary of the Army for Civil Works, Jo-Ellen Darcy, made the poorly informed decision to eliminate funding the U.S. Army Corps of Engineers' Aquatic Plant Control Research Program (APCRP) in the FY 2012 budget. This is the nation's only federally authorized program for research and development of science-based management strategies for invasive aquatic weeds. We have asked the Army Corps of Engineers and Congress to restore funding to \$4 million for FY 2012. While our efforts to get the funding restored by the House fell on deaf ears, the Senate Appropriations Committee included that amount in their mark-up of the FY 2012 Energy and Water appropriations bill. We were happy to learn that the Senate version of the Energy and Water appropriations bill will be one the three approps bill in the "2nd minibus" appropriations package.

There is no question that the work conducted by APCRP's 18 research scientists has been effective, efficient, and invaluable in our nation's fight against foreign aquatic invaders. We applaud the Senate Appropriations Committee on Energy and Water for restoring \$4 million for APCRP. It would be a grave mistake by the Corps' to eliminate the expertise and institutional knowledge encompassed by APCRP. There is still a lot of FY 2012 fiscal drama to play out, but we hope that the Senate's version of the Energy and Water approps. bill will survive the joint conference committee for the 2nd minibus and become law.



SAVE THE DATE – the next National Invasive Species Awareness Week (NISAW) will be held February 26 to March 3, 2012 in Washington D.C. A week of activities, briefings, workshops and events focused on strategizing solutions to address invasive species prevention, detection, monitoring, control and management issues at local, state, tribal, regional, national and international scales.

HIGHLIGHTS INCLUDE:

- National Invasive Species Council public meeting
- Grassroots action to prevent and control invasive species – Panel discussions and Webinar
- Success stories and challenges
- Cooperative Weed and Invasive Species Management Areas and Tribal efforts
- Capitol Hill Briefings on aquatic invasive species, including quagga and zebra mussels and Asian Carp
- Workshop on invasive species prevention and management in urban areas
- Invasive Species Award Ceremony and Reception
- Kids Invasive Species Awareness Day at the US Botanic Garden
- Invasive Plant Issues and Solutions
- Prevention through outreach and awareness – Experts panel on lessons learned
- Invasive Species Solutions – poster session
- Update by federal agencies on important invasive species issues and initiatives

Check www.nisaw.org for more details and further developments.

In Memoriam

Walter Andrew Gentner, Jr. died on Friday, April 15, 2011. He was born on April 22, 1922; he was a native of Washington, DC.

Walt served in the US Coast Guard during World War II.

He conducted research for 38 years with the Agriculture Research Service, Department of Agriculture, as a Plant Physiologist, in the area of weed science. His area of expertise in weed science was the evaluation of chemicals for herbicidal properties; the development of weed control practices and equipment; agronomic ecology; relationships between chemical structure and herbicidal activity.

During the last decade of his ARS career, he lead a laboratory and was actively involved in the Federal governments program on the "War Against Drugs", conducting weed control research on narcotic plants, such as cocaine in coordination with the U.S. State Department.

He was an active member of the Weed Science Society of America, contributing numerous presentations at the annual meeting. He was elected Fellow in 1984.

He was active in the Northeastern Weed Science Society (NEWSS), being President of NEWSS in 1974-75.

He was also a member of the American Society of Plant Physiology.

He received his A.B. (1951), M. A. (1952), and Ph.D. (1962) from George Washington University. He is interned in Fort Lincoln Cemetery, Washington, DC.

1st Annual North American Invasive Plant Ecology & Mgmt Short Course

August 25, 2011. The first annual North American Invasive Plant Ecology and Management Short Course (NAIPSC) was held July 6-8, 2011 at the University of Nebraska-Lincoln West Central Research & Extension Center in North Platte, NE. The 38 participants that attended the 2011 NAIPSC included landowners, land managers from several agencies (e.g., NRCS, Nebraska Department of Agriculture, Army Corps of Engineers), county weed superintendents, and graduate students from as far away as the state of Washington. The 3-day course advanced participant understanding in many areas of invasive plant ecology and management.

Overall, participants rated the NAIPSC as a good or excellent program. Several participants commented that the NAIPSC was one of the best meetings on invasive plant species that they had attended in many years or ever. All participants improved their knowledge of long-term weed management in natural systems and many had plans to look for new ways to integrate control efforts in the near future using what they had learned at the NAIPSC. As a result of the NAIPSC experience, a majority of the participants had gained new skills and abilities in preventing invasive plant infestations using early detection rapid response and properly identifying invasive plant species with keys and computer programs. More than half of the participants stated that they would make management changes as a result of the NAIPSC. For example, several participants said they would try to improve their approach in working with landowners to better integrate management, identify species, or adopt revegetation techniques to control invasive plant species. All participants felt that the resources they spent on the NAIPSC were a good investment, even if they were already familiar with the material. One participant said that the NAIPSC was the best program they had attended in years and it gave them more depth from which to teach others.

At the 2011 NAIPSC, participants were exposed to and involved in discussions on ecological aspects of integrated invasive plant management. Restoration or revegetation is one 'tool' that is not often included in strategies for managing invasive plant species. In addition, careful surveying and monitoring of invasive plant species is a newer practice in invasive plant management that is now possible through advancements in technology and computer modeling. The use of risk maps to determine potential spread and establishment of invasive plant species will be important as fewer resources are available to manage an increasing number of infested acres. Practices associated with these newer, as well as more traditional methods, taught at the 2011 NAIPSC could be directly implemented on more than 150,000 acres with an indirect impact on more than 1.3 million acres.

Over 20 different teaching and learning opportunities were offered during the 3-day NAIPSC to close to 40 participants. Strategic identification and monitoring of invasive plant populations in combination with revegetation could ultimately result in fewer acres treated regularly with herbicides and improved habitat that is more diverse and contributes to a normally functioning and balanced ecosystem. A sustainable and integrated invasive plant management plan has benefits to society and the environment. As landowners and managers become aware of and educated on the ecological principles for long-term management of invasive plant species, their activities have direct effects on the acreages they manage or own and indirect effects on neighbors and others that they interact with over time.

The NAIPSC is a venue that was created for the exchange of information between experts in various fields of invasive plant ecology and management and participants from a range of backgrounds and experiences. The participants were able to see, hear, and talk about the latest approaches for invasive plant management. In addition, participants, including graduate students, had the opportunity to apply their knowledge gained by completing a pre-/post-course test and a series of problem sets related directly to the material covered in the NAIPSC. It is anticipated that through continued dialogue via the NAIPSC webpage, participants will have an interactive resource to refer to, should their materials be insufficient in answering their questions related to the ecology and management of invasive plant species.

Organizers of the NAIPSC are already planning for 2012, which they anticipate to be just as good, if not better than 2011. The NAIPSC is now on Facebook and Twitter. Check the NAIPSC website (<http://ipscourse.unl.edu>) for details.

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



NOTE: It is recommended to use Adobe Reader 8 or higher with this document. Free upgrades are available at www.adobe.com



NORTHEASTERN WEED SCIENCE SOCIETY

Northeastern weed science society

The Northeastern Weed Science Society serves the Northeastern United States by bringing together those who are concerned with the knowledge of weeds and their control; cooperates with other scientific societies to promote research, education, and outreach activities; and publishes scientific and practical information of value concerning Weed Science and related fields.

NEWSS Website:

www.newss.org

Newsletter compiled and edited by Barb Scott, NEWSS Public Relations Representative.



NORTHEASTERN WEED SCIENCE SOCIETY

2012 Sustaining Members

Platinum



Bayer CropScience

Gold



Silver



BAAR Scientific LLC



Bronze

ACDS
Reality Research
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