

# NEWSS News



NORTHEASTERN WEED SCIENCE SOCIETY

November 2008



## Comments from the President

It is hard to believe it is the holiday time already and the 63<sup>rd</sup> Annual NEWSS conference is just around the corner. The formal meeting is scheduled for January 6 to 8 at the Renaissance Harborplace Hotel in Baltimore with several committee meetings on January 5<sup>th</sup>.



**Jerry Baron**  
NEWSS  
President

The theme for the 2009 meeting is "**Use of Biofuels and the Implications for Weed Management.**" Vice President and NEWSS Program Chair Hilary Sandler has done an excellent job in putting an exciting and educational program together. She has had a colossal challenge with a huge response from our members in submitting papers and posters. Please see her report for detailed discussion of the program. However, I want to highlight a few things.

Tuesday, January 6 starts with the poster session. The time available to view all 26 posters with the authors present had to be reduced this year to accommodate all the entries in the Graduate Student Contest. The formal poster session adjourns at 8:45 AM. Following the poster is the general session. Our key note speaker is Dr. Stacey Bono of Rutgers University. She will speak on *Biofuels 101: Can We Grow Our Energy Supply?* The morning concludes with the first session of the Graduate Student Contest. We are again planning on having an Awards Luncheon to recognize awards recipients. If you cannot make the luncheon, please let us know on your registration form so we can adequately plan. Following the luncheon we will continue with the second session of the Graduate Student Contest. The formal program on Tuesday concludes with concurrent symposiums; A Casual Review of Statistics and Spray Application Technology. Both of these symposiums run from 3:30 PM to 5:00 PM. New this year is an industry sponsored nightcap and dessert social at 9:00 PM that was organized by Past President Renee Keese.

Wednesday starts with a Symposium on Biofuels and Weed Management. After the symposium is the last of the Graduate Student Contest. The afternoon is reserved for the traditional breakout sessions and the Annual Business meetings. After the Annual Business Meeting is the NEWSS Social and Mixer. The Annual Meeting concludes on Thursday with additional breakout meetings and special workshops, one on Turf and one on Ornamentals.

We plan to offer on-line registration for the meeting. However, registration through traditional paper is still being accepted. There will be a link off the NEWSS Website that will facilitate on-line registration. You will be asked to complete a registration form. When the form is complete, you will be transferred to a secure Pay-Pal site where you can use a credit card to transfer payment. We will also allow an option to register in advance and mail in a check to complete the registration process. We hope that everybody takes advantage of the discounted pre-registration process to avoid the additional \$30 fee for meeting site registration.

As noted above, our host hotel is The Renaissance Harborplace in Baltimore. The hotel is on the North end of the Inner Harbor in the heart of all the action. It adjoins the beautiful Gallery, a collection of more than 60 specialty shops and restaurants which is connected to the hotel's lobby. Lots of eating, shopping, and sightseeing opportunities are within a short walk such as the ESPN Zone, Hard Rock Café, and the Baltimore Aquarium. At this year's conference, our convention room rate is \$125/night with a \$13/day self park. Once again, we are meeting at a great venue in a fun town! **Please note the room cutoff date for hotel reservations at this reduced rate is December 19.** After this date, the rate could be higher. For reservations, call 800 Hotels-1 and ask for the "NEWSS 63RD ANNUAL" block at the Renaissance Harborplace Hotel or online at <http://www.marriott.com/hotels/travel/bwish?group=Code=newnewa&app=resvlink&fromDate=1/6/09&toDate=1/9/09>

### Highlights:

- INFORMATION ABOUT NEWSS MEETING IN BALTIMORE
- VICE-PRESIDENT CANDIDATE DETAILS
- 2008 WEED SCIENCE CONTEST WINNERS
- REPORTS FROM COMMITTEE MEMBERS
- SUSTAINING MEMBERSHIP LIST

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### Annual Meeting—Pre-registration

#### **IMPORTANT CHANGES IN THE REGISTRATION PROCESS for the 2009 MEETING!**

It is that time of year again. Our annual meeting is right around the corner, and the program is going to be an excellent one, so I hope you will be able to join us in Baltimore, MD. Meeting registration begins now, which by the way, also covers your annual NEWSS dues. Beginning with this 2009 NEWSS annual meeting the registration process for the meeting will be available completely "Online" using a single registration form for everyone, and using PAYPAL for electronic payment. AND.... the usual way of mailing in the registration form with a check will be available. Beginning with this meeting, NEWSS will offer a single registration form regardless of whether you are a Regular, Student, or Retired/ Emeritus/or Distinguished Member; plus the Workshop Registrations are available with this form. Just fill out the appropriate sections of the single form, and follow the options for "Checkout" (OR print it, and mail a check payable to "NEWSS" at the following address: **NEWSS, PO Box 894, Milltown, NJ 08850**



**Chris Becker**  
Secretary/  
Treasurer

If you have questions please contact Chris Becker (607) 342-3610 or BECKER89@FLTG.NET. **The deadline for pre-registration is December 19, 2008**, so please process your registration forms and submit them early (OR PAY THE 30\$ late fee.) Pre-registering for the meeting smooths the process for everyone. Don't forget that if you are unable to attend the 2009 meeting, but are interested in maintaining your membership and supporting NEWSS, select the "non-attending membership" option (fee = \$30.00).

In addition to meeting registration, we are offering for sale the 63<sup>rd</sup> volume of the Proceedings for the meeting that includes all abstracts submitted prior to the meeting. The printed copy of the Proceedings will cost \$25.00, and you can purchase a CD-ROM copy of the Proceedings (in Adobe Acrobat Reader format) for an additional \$5.00. You will need to buy the printed version to get the CD.

**ADDITIONAL REQUEST...** On the Registration form, please let us know if you will be present for the **Awards Luncheon** (following the Keynote Symposium and Graduate Student Papers) on Jan 6, 2009... **PLEASE CHECK YES OR NO**. This will help NEWSS secure enough food for the Luncheon.

**CLICK HERE FOR 2009 NEWSS ANNUAL MEETING INFO**

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

### Annual Meeting—Hotel Reservations

#### RENAISSANCE HARBORPLACE HOTEL RESERVATIONS



**Deadline:** DECEMBER 19, 2008

Make your room reservations at the Renaissance Harborplace Hotel now for the 63<sup>rd</sup> NEWSS Annual Meeting. The rate for the NEWSS meeting will be \$125.00 per nite. **The deadline for room reservations at convention rates is December 19, 2008!** The best way to reserve a room for the NEWSS meeting is to call into the Renaissance Harborplace Hotel at **(410) 547-1200**. To ensure that you receive the convention room rates, be sure to provide them with the convention code "NEWA". Please note that the convention rates are well below the Renaissance Harborplace's normal room rates, so don't miss the deadline! The hotel will try to accommodate us after December 19, but cannot guarantee these rates.

#### Room reservations:

Phone: **(410) 547-1200**; convention code "NEWA" or

Web: go to [www.newss.org](http://www.newss.org) for reservation links or to the hotel site at <http://www.marriott.com/hotels/travel/bwish?groupCode=newnewa&app=resvlink&fromDate=1/6/09&toDate=1/9/09>

Additional note... **Self-Parking is available** in the attached Garage. When you show up at the Registration Desk... let them know if you have a vehicle in the Parking Garage... The NEWSS rate for parking is \$13 per day; with unlimited in and out per day of the Garage. It will be most efficient if you present the Parking Garage "Ticket" at time of check-in for inclusion on your hotel invoice.





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## Driving Directions to the Renaissance Harborplace Hotel

Renaissance Harborplace Hotel  
202 East Pratt Street  
Baltimore, Maryland, 21202, USA  
Phone: 1-410-547-1200  
Fax: 1-410-539-5780

### GROUND TRANSPORTATION

#### From Philadelphia and points North

Take Interstate 95 South to Baltimore area. Pass thru tunnel. Take exit 53 (Downtown Interstate 395). At end make 1st right turn onto Conway St, left at 3rd light onto Light St, veer right onto Pratt St, 1st left onto South St.

#### From Washington and points South

Take Interstate 95 North into Baltimore area and take Exit 53 (Downtown Interstate 395). At end make 1st right turn onto Conway St, left at 3rd light onto Light St, veer right onto Pratt St, 1st left onto South St.

### AIRPORTS

#### Baltimore-Washington International – BWI

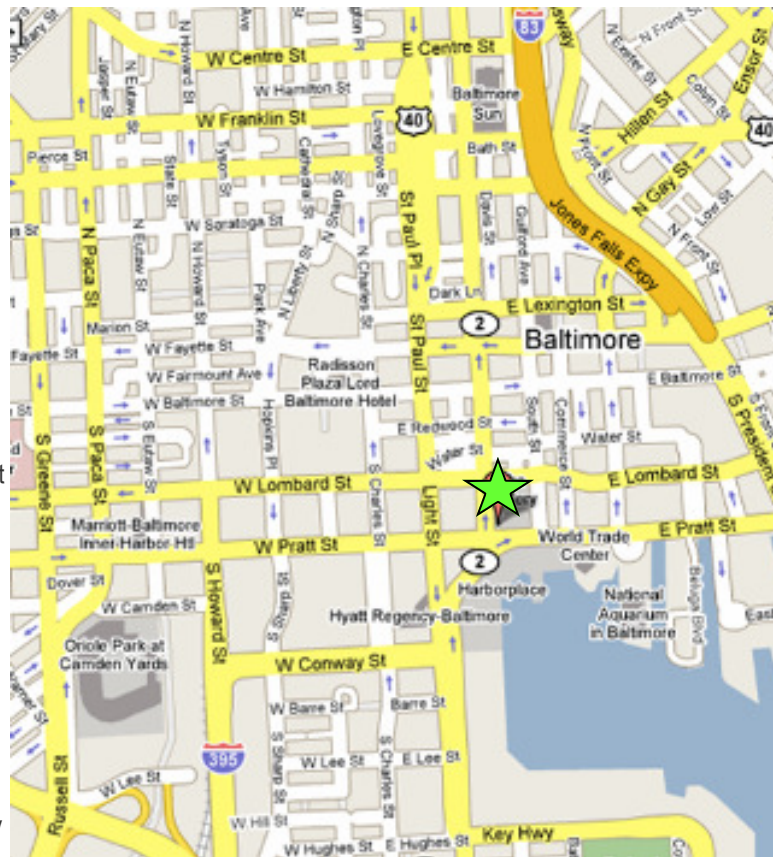
Driving Directions: Rt 195 West to I95 N to I395 N, 1st right turn onto Conway St, left at 3rd light onto Light St, veer right onto Pratt St, 1st left onto South St.

#### Washington, DC/Dulles – IAD

Driving Directions: Dulles Access Road to 495 N to 95 N (continue same as above).

#### Washington, DC/National/ Reagan Airport – DCA

Driving Directions: Follow 95N into the Baltimore area and take Exit 53 (Downtown 395). Follow as above.



### **DEADLINES:**

Annual Meeting Pre-registration:  
**December 19, 2008**

Hotel Room Reservation:  
Renaissance Harborplace Hotel  
**December 19, 2008**



NOTE: It is recommended to use Adobe Reader 8 with this document. Some email hyperlinks (e.g., first.last@company.com) will not work otherwise. Free upgrades are available at [adobe.com](http://adobe.com).

### 2009 Annual Meeting—Program

**Theme: *Use of Biofuels and the Implications for Weed Management.***



**Hilary Sandler**  
**NEWSS**  
**Vice President**

We have a great program planned for January. I hope you will make your plans soon to register for the meeting and the hotel. 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. If you cannot do this, please find the chair of your session and make other arrangements prior to the start of the session.

The Graduate Student Social is scheduled for Monday night, January 5. Rich Smith, a post-doc in the Penn State Weed Ecology Lab, will speak on the benefits of networking for early career researchers. All graduate students are encouraged to attend this event, which will be held in the Fells Point Room on the 5<sup>th</sup> floor.

Posters, the General Session, two sessions of graduate student papers, and two special workshops will be on the agenda for Tuesday January 6<sup>th</sup> (see condensed program). The poster session will start at 7:30 AM. Stacy Bonos, Rutgers University, will be giving the keynote address entitled, “*Biofuels 101: Can We Grow Our Energy Supply?*” during Tuesday’s General Session, which starts with the Presidential Address by Jerry Baron entitled, “Musings of a Paper Pusher in a Scientific World”. Tuesday’s program will proceed with two sessions of student papers with a 1.5 hr break in between for the Awards Luncheon.

Two special workshops will be offered late Tuesday afternoon (1.5 hr each): A Casual Review of Statistics and Spray Application Technology. Chris Reberg-Horton (North Carolina State University) will speak on “Traditions and Conventions in the Use of Repeated Measures Analysis, Contrasts, and Pairwise Comparison” and Leslie Fuquay (Syngenta Crop Protection) will speak on “It’s a Sure Thing, Probably: The Influence of Variability on Trial Design, Sample Size, Replication, and Means Separation. Robert Wolf (Kansas State University) will present information on “Making Effective Applications to Maximize Efficacy While Minimizing Spray Drift”. These workshops will conclude around 5 PM.

**New Social Event!!** We are offering a new social event this year that is open to the entire membership. Sponsored by Syngenta Crop Protection, Monsanto Company, Bayer CropScience, and BASF Corp., NEWSS will be offering a Night Cap and Dessert Social from 9-11 PM. After enjoying a nice dinner in the Inner Harbor, we hope you will come join us for a night cap and a little satisfaction for your sweet tooth in the Watertable Ballroom located on the 5<sup>th</sup> floor.

Wednesday will start with our featured symposium: *Use of Biofuels and the Implications for Weed Management*. We have invited three speakers for Wednesday’s 2-hour Symposium. Tom Richard (Penn State Institute of Energy and the Environment) will lead off with a talk entitled, “After Abundance: Multi-functional Agriculture for a Carbon-Constrained World”. Anna Palmisano (US Department of Energy) will speak on “DOE’s Biofuels Research Program”, and Jacob Barney (University of California-Davis) will give a talk entitled, “Are We Risking Biosecurity for Bioenergy: The Potential for Biofuels to Become Invasive Weeds”. After a short break, the third session of student papers will close out the morning, followed by a lunch break.

Three concurrent sessions (Agronomy, Ornamentals, and Vegetation Management and Restoration) will be held Wednesday afternoon starting at 1:45 PM. The NEWSS Business Meeting will be held at the conclusion of the concurrent sessions and the evening will end with the traditional NEWSS evening social.

On Thursday, in addition to three concurrent paper sessions (Weed Biology and Ecology, Vegetables and Fruit, and Turfgrass and Plant Growth Regulators), we are offering two special workshops: Ornamentals and Turfgrass. The Ornamentals Workshop will be held from 9 AM – 1 PM; the Turfgrass Workshop will start after the conclusion of the Turfgrass concurrent session and run until 1 PM. We are inviting participants for outside the NEWSS membership to participate in these workshops. Please pass on the information to others that you think might be interested in attending.



### **Calling All Graduate Students In Weed Science** Student room reimbursement policy and reduced registration

**Attention Students... Do you want to save \$\$\$?:** We will offer the usual incentive this year for students interested in helping with on-site registration at the annual meeting. Students who volunteer to work at the registration desk will receive a \$25 discount in meeting registration costs. Time will be allotted in 2-hour blocks on a first come, first served basis, so please contact Chris Becker prior to registering to check on time slot availability. Also as a reminder for those students participating in the student paper contest, the society will pay 50% of your lodging costs (double room rates + tax) for up to three nights lodging during the meeting. To receive reimbursement, you must present your hotel bill (after check-out) to the Secretary/Treasurer (Chris Becker) at the registration desk on your last day at the meeting. The registration desk will be open until 12:00 noon on Thursday, January 8.



Candidate for NEWSS Vice-President

Mark J. VanGessel



Dr. Mark J. VanGessel has been a faculty member at the University of Delaware in the Department of Plant and Soil Sciences since 1995. He was born and raised in Grand Rapids, MI and received his B.A. from Hope College in Holland, MI majoring in Political Science. After his undergraduate degree, Mark spent two years as a U.S. Peace Corps Volunteer in Lesotho, southern Africa, working with fisheries and agriculture. Returning to the United States, he began graduate studies in crop science. He entered Michigan State University and received a M.S. degree from the Crop and Soil Science Department in Weed Science. He obtained his Ph.D. degree from North Carolina State University in Weed Science from the Crop Science Department. Mark then worked as a post-doctoral researcher at Colorado State University for almost four years before moving to Delaware.

Mark holds an extension and research appointment with responsibility for weed management in agronomic crops and commercial vegetables. He has extension responsibilities for agronomic crops in New Jersey as well.

His research program includes studies in **weed biology and ecology** that examine the impact of weed management on weed population shifts; affect of crop production practices on weed growth and competitiveness; and understanding the growth and development of horseweed (*Conyza canadensis*). **Integrated pest management** research includes the impact of weed competition on yield loss, yield quality, and impact on other pests; reduce herbicide rates and cultivation on weed management; and effectiveness of cover crops on weed management. **Herbicide resistant weeds** studies focus on identifying the presence of herbicide resistant weeds in the mid-Atlantic region and evaluating effective weed control programs. **Perennial weed management** is examining effective herbicide programs for control of perennial species. **Herbicide evaluation research** is identifying effective and economical weed control programs for Delmarva and identifying potential herbicides for use in a variety of crops. He has authored or coauthored 41 refereed publications in scientific journals, over 100 abstracts, 30 extension publications, and numerous other reports, articles, and publications.

Mark's extension activities are closely associated with his applied research program and involve training county educators, growers, and agri-service professionals. His activities also include serving on the Delaware Noxious Weed Committee and Delaware Invasive Plants Group.

Mark has been very active as a member of regional weed science societies, Weed Science Society of America, and International Weed Science Society. This includes serving on various committees, section chairperson, section moderator, and editor of the NEWSS.

Mark resides in Delmar, DE with his wife Kathyne and four children.

\*New Event\*

NEWSS INDUSTRY NIGHT CAP & DESSERT SOCIAL

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Join us Tuesday January 6th from 9-11 pm. After you've had dinner come back to the hotel and visit with other members over a coffee or adult beverage. Join us in the Watertable Ballroom, 5th floor (back corner of restaurant).

Our thanks to BASF Corp., Bayer CropScience, Monsanto Company and Syngenta Crop Protection for sponsoring this event.



All NEWSS members welcome!

See you for a night cap on the 6th!

~ Renee Keese

NEWSS Past President

New Research & Education Initiative

As a new initiative, with an effort to foster collaboration and to justify project objectives for proposals submitted to various agencies, it may be useful to maintain a compilation of stakeholder research priorities in weed management in the Northeastern United States. Such stakeholder needs may be collected and documented during field days, extension meetings, workshops etc. All weed scientists in the region are welcome to provide this information. Please send any items you may have to the Research and Education Coordinator over the next few weeks. The list will be posted at the NEWSS website shortly after the 2009 meetings. In other regular business, pesticide recertification credits for attendees at the 2009 program are being solicited from various state and professional agencies in the Northeast.



Rakesh Chandran  
Research and  
Education Coord.

## NEWSS News

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### 2009 NEWSS Annual Meeting Condensed Program

#### MONDAY JANUARY 5

1:00 p.m. – 7:00 p.m.	Committee Meetings
4:30 p.m. - 6:00 p.m.	Drop off photos for photo contest at Registration Desk Baltimore Foyer A, 5th fl.
4:30 p.m. – 6:30 p.m.	Registration Baltimore Foyer A, 5th fl.
6:00 p.m. – 10:00 p.m.	Posters Set-Up Baltimore Foyer, 5th fl.
6:00 p.m. – 10:00 p.m.	Commercial Displays Set-up Baltimore Foyer, 5th fl.
6:30 p.m. - 7:30 p.m.	Graduate Student Mixer, Fells Point Room, 5 <sup>th</sup> fl.

Rich Smith, Penn State Weed Ecology Lab, will speak on the benefits of networking for early career researchers.

#### TUESDAY JANUARY 6

7:00 a.m. – 7:30 a.m.	Poster Judging Committee St. George, 6 <sup>th</sup> fl.
7:30 a.m. – 8:45 a.m.	Posters (authors present) Commercial Displays, coffee Baltimore Foyer, 5th fl.
7:30 a.m. – 4:00 p.m.	Registration Baltimore Foyer A, 5th fl.
9:00 a.m. – 10:15 p.m.	General Session Baltimore Ballroom
10:30 a.m. – 12:00 p.m.	Graduate Student Contest A Baltimore Ballroom
12:00 p.m. – 1:30 p.m.	Awards Lunch Maryland Ballroom B
1:30 p.m. – 3:15 p.m.	Graduate Student Contest B Baltimore Ballroom
3:30 p.m. – 5:00 p.m.	Special Workshop I Statistics Maryland Salon A

3:30 p.m. – 5:00 p.m.

Special Workshop II  
Spray Technology  
Maryland Salon E

9:00 p.m. – 11:00 p.m.

Industry Night Cap and Dessert Social  
Watertable Ballroom, 5<sup>th</sup> fl.

#### WEDNESDAY JANUARY 7

6:30 a.m. – 8:00 a.m.

Past-Presidents' Breakfast Watertable  
Restaurant

7:30 a.m. – 3:00 p.m.

Registration  
Baltimore Foyer A, 5<sup>th</sup> fl.

8:00 a.m. – 4:30 p.m.

Research Posters (authors not present) &  
Commercial Displays  
Baltimore Foyer, 5th fl.

8:00 a.m. – 10:00 A.M.

Biofuels Symposium  
Baltimore Ballroom

10:30 a.m. – 12:15 p.m.

Graduate Student Contest C  
Baltimore Ballroom

1:45 p.m. – 5:00 p.m.

Agronomy  
Baltimore Salon B

1:45 p.m. – 5:00 p.m.

Ornamentals  
Maryland Salon E

1:45 p.m. – 5:00 p.m.

Vegetation Management and Restoration  
Baltimore Salon A

2:00 p.m. – 2:45 p.m.

Student Paper Judging Committee  
St. George, 6<sup>th</sup> fl.

5:15 p.m. – 6:15 p.m.

NEWSS Annual Business  
Meeting  
Maryland Salon A

6:30 p.m. – 8:00 p.m.

Social Mixer  
Baltimore Foyer, 5th fl.

#### THURSDAY JANUARY 8

6:30 a.m. – 8:00 a.m.

Executive Committee  
(Old and New) Breakfast and Meeting –  
Watertable Restaurant

7:30 a.m. – 11:00 a.m.

Registration  
Baltimore Foyer A, 5th fl.

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8:00 a.m. – 10:00 a.m. Poster Take Down

8:00 a.m. – 9:45 a.m. Turfgrass and Plant Growth Regulators  
Baltimore Salon B

8:30 a.m. – 11:15 a.m. Vegetables and Fruit  
Maryland Salon A

8:30a.m. – 11:15 a.m. Weed Biology and Ecology  
Maryland Salon E

9:00 a.m. – 1:00 p.m. *Special Event:*  
Ornamentals Symposium: Baltimore  
Salon A

10:00 a.m. – 1:00 p.m. *Special Event:*  
Turfgrass Symposium Baltimore Sa-  
lon B

11:30 a.m. Invasive Short Course Meeting  
Meet at Registration Desk

1:00 p.m. ADJOURN

## COLLEGIATE WEED CONTEST COMMITTEE

**Monday, January 5**

5:30 p.m. - 6:30 p.m. Executive Boardroom, 6<sup>th</sup> fl.

## PROGRAM COMMITTEE MEETING

**Monday, January 5**

5:30 p.m. – 6:00 p.m. Gibson, 6<sup>th</sup> fl. (Moderators, Section Chairs & Elects)

## STUDENT PAPER JUDGING COMMITTEE MEETING

**Monday, January 5**

5:30 p.m. – 6:00 p.m. Mt. Washington, 5<sup>th</sup> fl.

**Wednesday January 7**

2:00 p.m. – 2:45 p.m. St. George, 6<sup>th</sup> fl.

## PHOTO JUDGING COMMITTEE MEETING

**Monday, January 5**

6:00 p.m. - 7:00 p.m. St. George, 6<sup>th</sup> fl.

## POSTER JUDGING COMMITTEE MEETING

**Tuesday, January 6**

7:00 a.m. – 7:30 a.m. St. George, 6<sup>th</sup> fl.

## PAST PRESIDENTS' BREAKFAST MEETING

**Wednesday, January 7**

6:30 a.m. - 8:00 a.m. Watertable Restaurant

## NEWSS Committee Meetings

### EXECUTIVE COMMITTEE MEETINGS

**Monday, January 5**

2:00 p.m. – 4:30 p.m. Executive Boardroom, 6<sup>th</sup> fl.

**Thursday, January 8**

6:30 a.m. - 8:00 a.m. Executive Committee (Old and New)  
Breakfast and Meeting  
Watertable Restaurant

### NORTHEASTERN IPM REGIONAL MEETING

**Monday, January 5**

1:00 p.m. - 5:00 p.m. Gibson, 6<sup>th</sup> fl.

### AWARDS COMMITTEE MEETING

**Monday, January 5**

5:00 p.m. - 5:30 p.m. Mt. Washington, 5<sup>th</sup> fl.

### WEED SCIENCE FIELD DAY COMMITTEE

**Monday, January 5**

5:15 p.m. – 5:30 p.m. Executive Boardroom, 6<sup>th</sup> fl.

### INVASIVE SHORT COURSE MEETING

**Thursday, January 8**

11:30 a.m. meet at Registration Desk

### NEWSS REGISTRATION

**Monday, January 5**

4:30 p.m. - 6:30 p.m. Baltimore Foyer A, 5<sup>th</sup> fl.

**Tuesday, January 6**

7:30 a.m. - 4:00 p.m. Baltimore Foyer A, 5<sup>th</sup> fl.

**Wednesday, January 7**

7:30 a.m. - 3:00 p.m. Baltimore Foyer A, 5<sup>th</sup> fl.

**Thursday, January 8**

8:00 a.m. - 11:00 a.m. Baltimore Foyer A, 5<sup>th</sup> fl.

## Sustaining Membership Report

### Commercial Displays

All 2009 Sustaining Members of the NEWSS are eligible and encouraged to participate in the Commercial Display Session at the Annual Meeting in Baltimore, MD. This session is held in conjunction with the Poster Session, beginning Tuesday January 6th, and is an excellent opportunity to inform the attendees of your services and products. Please plan to set up your commercial displays Monday, January 5<sup>th</sup> between 6 and 10 pm in the 5<sup>th</sup> Floor Foyer and remove them no later than Thursday (Jan. 8) morning.



**Caren Judge**  
NEWSS Sustaining  
Membership Chair

Table space for displays can be reserved by contacting the Sustaining Member Chairperson: Caren Judge, 919-547-2380;

carrie.judge@basf.com

If you have not yet indicated your interest in a display table, the deadline for reserving space is December 19, 2008. Display items may be shipped directly to the hotel prior to the meeting at the following address.

Renaissance Harborplace Hotel  
Attn: Kristina Lute  
202 East Pratt Street  
Baltimore, MD 21202  
(410) 547-1200

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 5-8, 2008."

## NEWSS Editor Update

We currently have 25 posters and 94 oral paper presentations scheduled for our meeting at the Renaissance Harborplace Hotel in Baltimore, MD. Topics of interest include invasive weed management, weed relationships to biofuel production, statistics, new sprayer technology, weed ecology and biology, herbicide resistance management, plant growth regulators, organic cropping systems, initial presentations on a few new herbicide active ingredients, and several weed control topics in corn, soybeans, cereals, vegetables, ornamentals, turf, and total vegetation management. Be on the lookout for all of the details of our meeting in our program booklet which should arrive to you in the



**Greg Armel**  
NEWSS Editor

**CLICK HERE FOR 2009 NEWSS ANNUAL MEETING INFORMATION**  
[www.newss.org/annualmeeting.php](http://www.newss.org/annualmeeting.php)



## Job Placement Service

### Employment Opportunities

#### Seeking Employment or Graduate Studies:

For those seeking employment, graduate positions, or post-doctoral opportunities, please plan to bring a CV Brief (resume) to the annual NEWSS meeting in Baltimore, MD. A binder will be kept at the Registration Desk for potential employers or graduate advisors to browse.

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

Please bring your Job Postings to be displayed at the annual NEWSS meeting in Baltimore, MD. A poster board/easel will be placed near the registration desk for display. Further, if interested, please stop by the Graduate Student Mixer Monday, Jan. 5, 7:00 pm to give a brief overview of the available position to the graduate students.

## NEWSS Website:

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

(click here for meeting and other society information)

mail sometime to during the second week of December.

Once again the cover of our program and proceedings will feature a picture from our photo contest winner from last year's meeting. Congratulations to Dr. Randy Prostek of the University of Massachusetts who contributed a fantastic image of a dandelion seedhead. Remember you could have your picture on the next cover of our program and proceedings; all you have to do is enter. The photo judging committee will meet at 6:00 pm on Monday January 5<sup>th</sup>, so if you want to compete have your photos on a memory stick or a cd dropped off at the registration desk prior to our meeting. If you would like to send your photos early, you can email them directly to me at [garmel@utk.edu](mailto:garmel@utk.edu). Remember to identify the weed and label the picture file with the corresponding name of the weed species in the photo.



## Graduate Student Report



**Matt Ryan**  
NEWSS Graduate  
Student Rep.

The Annual Meeting is bound to be a good time for graduate students this year. As anyone who has been to a meeting there before knows, there are a ton of fun things to do just minutes from the hotel. In addition to the great venue, the Executive Committee is committed to making sure the student have a good time and get the most out of their participation. Just like in Philadelphia, all students in the student paper contest will present together. This is a great opportunity to show your stuff in front of potential future employers and co-workers.

We are also trying a couple of new things at the 2009 Graduate Student Mixer which will be held Monday at 6:30 pm in the Fells Point Room. There will still be a guest speaker and plenty of fine food and drink, but we're hoping to make it even better. We're encouraging both potential employers and employees to show up at 7:00 pm and be ready to talk. Anyone looking to fill a position should come with announcement information, and all students looking for employment should bring their CV. Post-docs are also encouraged to attend, especially if you are looking for a job.

Dr. Rich Smith, Penn State Weed Ecology, will be joining us this year as our guest speaker and will share some insights in a presentation he entitled "Why mix? The benefits of networking for early-career researchers (a postdoc's perspective)". Below is a short description of what we can expect from Rich in his own words:

"Using my own experience as an example, I'll discuss the benefits of networking at scientific meetings (and in general) for early-career researchers looking for educational, research, and career opportunities. I'll discuss some of the potential barriers to effective networking (i.e. reluctance to meet new people, lack of self confidence, etc) and suggest some strategies to overcoming these barriers. My main goal will be to encourage students who might be reluctant to interact with other academic, government, or industry researchers to step outside of their comfort zone and initiate networks that may lead to beneficial educational and career opportunities."

Students don't forget about the \$25 discount if you help out at the registration table. All you need to do is check the appropriate box when you register online and then help register participants at the meeting. I look forward to seeing all of you in January.

## Poster Session Information

We have an exciting Poster Session planned for this year's annual meeting to be held Tuesday, January 6. Approximately 30 posters will be presented on topics ranging from the NEWSS noxious and invasive vegetation to short course, new herbicides and herbicide technology, seed biology and control of aquatic weeds. Join the authors from 7:30 to 8:45 am on the 5<sup>th</sup> Floor Foyer before the General Session on Tuesday morning to learn more about these and other interesting topics. If you have comments or questions about the Poster Session, guidelines, or judging criteria please contact Caren Judge at [carrie.judge@basf.com](mailto:carrie.judge@basf.com).

Poster Presenters: Please plan to set up your posters up Monday, January 5<sup>th</sup> between 6 and 10 pm in the 5<sup>th</sup> Floor Foyer and remove them Thursday (Jan. 8) morning. Authors are requested to be present during the Tuesday morning Poster Session.

## NEWSS Photo Contest Rules

It's time again to dust off all your old photos, slides, and digital images that would be appropriate for the NEWSS annual meeting Photo Contest.

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

- Contest only open to NEWSS members
- 3 Prizes - certificates and \$100 for 1st, \$50 for 2nd, and \$25 for 3rd
- Prizes do not have to be awarded
- Photos can be of anything associated with weed science
- Judges will consider:
  - subject
  - composition
  - technical aspects
  - overall appeal
- Photos are to be submitted to our committee by 6PM on January 5 – either drop them off at the registration desk or bring them to the photo judging room (St. George Room) as listed in the annual meeting program
- Photos can be submitted via any media - slide, print, or electronic
- If prints - no smaller than 35 sq.in. (5"x7") or larger than 80 sq.in. (8"x10")
- If slides - standard 2:x2" format
- Up to 5 entries per contestant
- All photos "should" be labeled with name and address, and prints "should" be accompanied by a business card.

**The preferred photo media is on CD or memory stick (flash drive).**

You can also email the photos ahead of time to  
Greg Armel: [garmel@utk.edu](mailto:garmel@utk.edu)  
Toni DiTommaso: [ad97@cornell.edu](mailto:ad97@cornell.edu)  
Grant Jordan: [gljordan@usadatanet.net](mailto:gljordan@usadatanet.net).

Photo Judging Chairman, Grant Jordan

**Remember: Aside from cash prizes, winning photo will be on the cover of next year's proceedings and program.**

***Please adhere to the dropoff deadline (Jan. 5 @ 6PM); if you are unable to make this deadline, please email the image(s) prior to the meeting.***

## WSSA Report



**Toni DiTommaso**  
**NEWSS**  
**Representative to**  
**WSSA**

### Annual Meeting

Now is the time to pre-register for the 49<sup>th</sup> WSSA Annual meeting to be held at the Hilton in the Walt Disney World

Resort in Orlando, FL. February 9-13, 2009. The Annual meeting will be held as a joint meeting with

the Southern Weed Science Society (SWSS). Please make plans to attend (with your family!). Reservations may be made directly with the hotel by phoning them at (407) 827-3895 and mentioning that you are with the Weed Science Society of America. Make sure to book early, as rates are only applicable through Monday, January 5, 2009. If you would prefer to make your reservations online, please visit the WSSA meeting registration site and follow the link for "Lodging".

Meeting registration costs will be: members \$295 ('earlybird' Dec. 5, 2008 deadline), \$400 ('post-earlybird' Dec. 6, 2008-Jan. 9, 2009), and \$450 (on-site at the meeting), students \$75 and spouses/guests \$80 for entire period, respectively, and non-members \$395 ('earlybird'), \$495 ('post-earlybird'), and \$550 (on-site at the meeting). Please check the WSSA website (<http://www.wssa.net/>) for more information on the annual meeting and registration options (online, mail, fax).



Image provided by the Orlando/Orange County CVB

The scientific program for the Joint WSSA/SWSS Annual Meeting will feature eight special topic symposia and poster and oral paper presentations on the latest weed science research.

The **eight symposia** topics in Orlando are:

- 1) *Invasive Plant Web-Accessible Databases & Volunteer Monitoring*
- 2) *Impact of Usage of Below-Label Herbicide Rates*
- 3) *Plant Pathogens & Biological Control of Weeds: A Symposium in Honor of Dr. R. Charudattan*
- 4) *Emerging Palmer Amaranth Resistance to Glyphosate*
- 5) *Research Ethics & Mentoring in Weed Science*
- 6) *Technology Innovations in Weed Science Communication*
- 7) *New Directions in Weed Population & Community Modeling*
- 8) *Non-Herbicide Uses of Herbicides*

David Shaw and Dan Reynolds, Co-Program Chairs, and the Program Committee have worked hard to develop this joint meeting of WSSA and SWSS and they look forward to seeing you in Orlando.

The IX International Bioherbicide Group Workshop will be held on Sunday, Feb. 8, 2009 as a satellite conference of the Joint WSSA/SWSS Annual Meeting.

Several **local tours** have also been organized during the Annual Meeting and include:

- Florida Strawberry and Vegetable Tour
- Biocontrol Field Trip
- Epcot: Behind the Seeds Tour
- Backstage Safari
- Airboat Tour
- Florida Citrus Tour
- Cattle Ranch Tour
- Golf Tournament-Awards Event

The 2010 Annual Meeting will be held February 7-11 in Denver, CO in conjunction with The Society for Range Management.

Finally, this is my last NEWSS newsletter article since I will be rotating off as your NEWSS Representative on the WSSA Board of Directors after three very enjoyable years. I am pleased to announce that Shawn Askew (Virginia Tech) has agreed to assume this important position for our society following our 2009 Annual Meeting in Baltimore.

Hope to see you all in Baltimore in early January and then Orlando in February!

Ciao, Toni.

2009 WSSA Annual Meeting will be held in Orlando, FL on February 9-12.

Visit [www.wssa.net](http://www.wssa.net) for more details.



# NEWSS News

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## Proposed NEWSS Resolution

**Title:** Resolution to incorporate the position of NEWSS Legislative Chair into the position of NEWSS WSSA Representative.

**Whereas:** The NorthEastern Weed Science Society has provided funds to support the WSSA Director of Science Policy to provide important legislative information to the society and

**Whereas:** the NEWSS WSSA Representatives has a more direct interaction with the WSSA legislative committee and WSSA board members and

**Whereas:** the roles and responsibilities of the NEWSS Legislative Chair are no longer significant based on the above; Therefore, be it

**Resolved:** That the NorthEastern Weed Science Society Constitution and Manual of Operation be amended to remove the position of The Legislative Committee Chairperson and add the duties and assignments of this position to that of the WSSA Representative.

**Statement: Proposal to incorporate the position of NEWSS Legislative Chair into the position of NEWSS WSSA Representative.**

The Legislative Committee Chair primarily serves as a source of information regarding issues related to Weed Science on a Regional basis and to maintain regular contact with the WSSA Director of Science Policy (DSP). This position also participates in the reviews and selection of the WSSA DSP. Over the past several years, the DSP position has evolved to the point where much of the information is provided directly to the society in the quarterly newsletter or via email "blast". The DSP also provides occasional teleconference (1 to 2 times per year) where the Legislative Chair and NEWSS President are invited to join in the conference. Due to this evolution the duties of the Legislative Chair have diminished significantly. Therefore, considerations should be made to incorporate those duties into another existing position with the WSSA representative being the most logical for the reasons noted.

The WSSA Representative has more direct contact with the WSSA Board members and can discuss issues regarding the DSP and the society more directly with those members. The WSSA Representative will also have more direct contact with the WSSA Legislative Representative and will be able to more readily discuss performance issues and be able to assist with the replacement of the DSP when needed.

Changes to be made in the NorthEastern Weed Science Society Constitution and Manual of Operation would include removing all citations regarding the Legislative Representative and provide additions as noted in italics below to the duties of the WSSA Representative.

**The WSSA REPRESENTATIVE shall:**

- Be responsible for coordinating the activities and projects of the NEWSS with the Other Regional Societies and the WSSA.
- Attend, at his or her employer's expense, when feasible, the Annual Meetings of the WSSA Board of Directors which are held at the same time as the WSSA Annual Meeting. At these Meetings, he/she is expected to express the wishes and sentiments of the NEWSS and present a written report of recent activities, new Officers, Committee members, next meeting site and date, etc.
- Prepare written reports for the Executive Committee of the NEWSS concerning the policies, activities, Officers, Committee appointments, future meeting sites, etc., of the Regional Societies and WSSA.
- Report on vacancies in the elected positions in WSSA and develop a list in cooperation with the Executive Committee, of qualified individuals from NEWSS for consideration by the NEWSS Representative on the WSSA Nominating Committee.
- Keep a file of WSSA Executive Committee and Board of Directors minutes.
- Encourage or recommend NEWSS members to fill vacancies or positions on WSSA Committees.
- *Serve as NEWSS Representative to the WSSA Washington Liaison Committee. Maintain regular contact with the WSSA Director of Science Policy and provide updates to the NEWSS EC. Participate in reviews and selection of the WSSA D.S.P.*
- The term of the WSSA Representative is three years.

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## NEWSS INDUSTRY NIGHT CAP & DESSERT SOCIAL

*...while you're at the meeting...*

Tuesday, January 6th, 9-11 pm

Watertable Ballroom, 5<sup>th</sup> floor

All NEWSS members welcome!



## Washington D.C.: Science Policy Report



### **Extension IPM Network Threatened**

**Lee Van Wychen**  
**Director of Science**  
**Policy**

The Weed Science Society of America is advocating that Congress rescind a last-minute amendment to the

2008 Farm Bill that changes how Extension IPM programs are funded. We encourage our mem-

bers to contact elected and appointed government officials and other influential constituents in their state to discuss the benefits of Extension IPM programming, the damage the new funding model causes and the importance of maintaining a stable, efficient nationwide IPM network.

### **Issue Summary**

Extension IPM programs run by the nation's land grant universities make an essential contribution to the common good – providing training and advice that helps us protect our food supply, minimize human health risks, use pesticides judiciously, conserve environmental resources and improve the profitability of the nation's farmers.

Historically, this national network of programs has been funded by the Farm Bill at an average of approximately \$135,000 per state each year. This modest investment produces far-reaching results by enabling a nationwide IPM infrastructure that supports seamless information sharing and knowledge transfer. Here are three examples of recent program successes:

As the result of IPM training in Iowa, six out of 10 soybean farmers used an economic threshold analysis to help them cost-effectively manage yield-robbing soybean aphids.

Kentucky's Integrated Weed Science Group has won state, regional and national awards for its work, which is directly tied to a dramatic increase in wheat yields within the state.

The IPM program in South Dakota coordinated an effort to collect and redistribute 1.8 million flea beetles to combat the noxious weed leafy spurge. This tactic is credited with an 18,000-acre reduction in leafy spurge in northeast South Dakota.

A last-minute amendment to the 2008 Farm Bill threatens the very existence of many extension programs that support farmers and homeowners across the country.

For the first time in the 30-year history of Extension IPM, funds will not be allocated to universities in each state on a proportional basis. Instead, a limited number of grants will be awarded competitively by the Secretary of Agriculture. This change erodes our national IPM network and is expected to leave

entire regions of the country without the grower training and outreach needed to manage pests and weeds effectively.

### **The Impact Of The Change**

The new funding model reduces our capacity to respond quickly and effectively to emerging pest threats. Critical expertise will wither away in states that lose funding, leaving entire regions of the country vulnerable to insects, diseases and weeds that know no geographical boundaries.

With more limited areas of coverage, we also weaken our ability to address pest, crop, climate, culture and environmental issues that are unique to a particular region or locale. Pest management in agricultural and urban settings cannot be addressed by a simple "one size fits all" answer, and without an IPM infrastructure, thousands will be unable to receive the location-specific training they need.

Even though USDA-CSREES expedited the new grant application process, current programs lost funding without warning on October 1, 2008 and successful grant applicants will not receive IPM money until next spring. In the interim, many key highly skilled educators are at risk of losing their jobs and some have already received termination notices. As a result, we have begun to suffer what could be a permanent loss of expertise in our national Extension IPM network.

We also can expect to lose the springboard effect our investment in IPM programs has delivered. They are an important foundation for a wide range of initiatives in land management, environmental stewardship, pesticide safety and other areas critical to sustainability.

### **Our Recommendation**

In recognition of the critical need for a national IPM network, the Weed Science Society of America advocates an immediate change in the amendment to the 2008 Farm Bill to restore formula funding for the Extension IPM program (Section 7403 of the Food, Conservation and Energy Act of 2008).

We encourage our members to contact elected and appointed government officials and other influential constituents in their state to discuss the benefits of Extension IPM programming, the damage the new funding model causes and the importance of maintaining a stable, efficient nationwide IPM network.

Contact information for your Representative and Senators can be found at: [www.house.gov](http://www.house.gov) and [www.senate.gov](http://www.senate.gov). An email to them is a fast, efficient way to voice your concerns.

### National Park Service Boundary Bill Becomes Law

Earlier this year, Congress finally passed the Consolidated Natural Resources Act of 2008 and it became Public Law 110-229. This bill contained over 60 pieces of separate legislation, one of which was the Natural Resource Protection Cooperative Agreement Act.

Four major land management agencies are responsible for the management of over 630 million acres out of a total of over 700 million acres in the United States. Specifically, the Bureau of Land Management (BLM) has 261 million acres; the Forest Service has 193 million acres; the Fish and Wildlife Service (FWS) has 96 million acres; and the National Park Service (NPS) has 84 million acres. Three of the four agencies, the BLM, Forest Service, and FWS are already authorized to expend funds to protect resources outside of lands they manage, which is important in battling invasive weeds as the weeds do not respect jurisdictional borders. The National Park Service did not have this authority.

Section 301 of **Public Law 110-229** now authorizes the Secretary of the Interior to enter into cooperative agreements with state, local, or tribal governments, other federal agencies, other public entities, educational institutions, private nonprofit organizations, or participating private landowners for the purpose of protecting natural resources of units of the National Park System through collaborative efforts on land inside and outside of National Park System units. These agreements shall provide clear and direct benefits to park natural resources and shall provide for: (1) the preservation, conservation, and restoration of coastal and riparian systems, watersheds, and wetlands; (2) **preventing, controlling, or eradicating invasive exotic species that are within a unit of the National Park System or adjacent to such a unit**; or (3) restoration of natural resources, including native wildlife habitat or ecosystems.

### 10<sup>th</sup> National Invasive Weeds Awareness Week (NIWAW)

The Invasive Weeds Awareness Coalition (IWAC) invites you to Washington DC for a week of events focused on educating our **new** federal policy makers and elected officials about the environmental and economic losses caused by invasive weeds. The theme for NIWAW 10 is "**Preserving America's Heritage**". The headquarters hotel for NIWAW will be the Four Points by Sheraton Hotel, 1201 K Street NW, Washington, DC, just several blocks from the White House in the heart of DC.

A **new political advocacy coalition** for invasive species funding called the **Healthy Habitats Coalition** will be meeting in conjunction with NIWAW for the first time. National Invasive Weeds Awareness Week has been a great event to bring people and groups from across the country together to increase awareness and educate both policy makers and federal agency personnel about the severe impacts caused by invasive weeds. The **Healthy Habitats Coalition**

plans to take this message to the next level by advocating for legislation and policies year-round that improve the prevention and management of invasive and noxious weeds. More details to come!

### Apply Your Science to Serve Society

For 35 years, the American Association for the Advancement of Science (AAAS) **Science & Technology Policy Fellowships** have provided scientists and engineers with a unique opportunity to apply their knowledge and skills to national and international issues in the federal policy realm, while learning first-hand about establishing and implementing policy.

Fellows select assignments in Congressional offices or federal agencies. This is a year-long opportunity, beginning September 1 and ending August 31. Fellows have ranged in age from late 20s to early 70s. They represent a spectrum of career stages, from recent PhD graduates to faculty on sabbatical to retired scientists and engineers. Fellows also come from a range of sectors, including academia, industry, nonprofit organizations, and government labs. AAAS also serves as the "umbrella" organization for other scientific societies that sponsor a Fellow, such as the American Society of Agronomy.

Fellows receive a stipend up to \$92,000 for the year. Relocation expenses of up to \$4,000 are also provided. The deadline for applications for the 2008-2009 Fellowship class is December 15, 2008. Full details at <http://fellowships.aaas.org>



### **10<sup>th</sup> annual National Invasive Weeds Awareness Week**

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#### **2009 NEWSS Annual Meeting in Baltimore**

#### **Deadlines:**

**December 19—**

**Annual Meeting Pre-Registration**

**December 19—**

**Hotel Room Reservation**

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## CAST News



**Bob Sweet**  
**NEWSS CAST**  
**Representative**



I participated in the CAST fall Board meeting October 29 – 31 in Durham, North Carolina. It was interesting, challenging and productive.

### Interesting

- A dozen publications have been completed so far in 2008.
- 170 “hits” in one day regarding a poultry publication.
- A strong push is underway to have the rules for organic production made the official rules for sustainable agriculture.
- The complexity of issues coming to CAST has increased greatly in the last few years.

### Challenges

- How to cope with the increasing work load with a strict budget.
- How to deal with broad issues in a timely but effective manner.
- CAST reaches congress and regulators quite well, but not the general public. How can this be corrected?

### Productivity

- For large issues do an overview paper and in it list the specific points which will be addressed in separate follow-up papers.
- Up-grade CAST’s website to make CAST more visible and put its information in user-friendly packages. A staff person has excellent skills in these areas.
- No specific program for easing the budget situation was developed.

For more information about CAST and their resources, please visit their website at: <http://www.cast-science.org/>

## NEWSS Noxious and Invasive Vegetation Management Short Course



**Melissa Bravo**  
**NEWSS NIVM**  
**Short Course**  
**Coordinator**

The Northeastern Weed Science Society (NEWSS) Noxious and Invasive Vegetation Management Short Course (NIVM) was offered for the first time in the Northeast for public and private land managers; policy makers; township and municipality supervisors; and contractors who wanted to gain a better understanding of noxious and invasive vegetation management in terrestrial and aquatic environments such as forests, parks, preserves, conservancies, C.R.E.P (conservation reserve) lands, highway right-of-ways (R.O.W), and ponds, lakes and riparian areas. Weed management and invasive vegetation identification professionals affiliated with NEWSS from Maine to North Carolina to Tennessee conducted the training program that was designed to encourage interaction between instructors and participants. The three-day course was held in Lebanon County, Pennsylvania at a wooded retreat in Mount Gretna the week of September 15<sup>th</sup>, 2008. Participants had the option of registering for a 2 day terrestrial species course providing more than 15 hours of continuing education and a 1 day aquatic species course providing 8 hours of continuing education or a combination thereof.

Sixty-one registrants from MD, DE, PA, Washington D.C, NJ, NY, OH, VA, TN and Ontario, Canada attended the course that was taught by 16 instructors, a course coordinator and one staff assistant. Through hands-on participation, registrants learned how to identify invasive terrestrial and aquatic vegetation problematic in the northeastern region of the United States, apply basal or cut stump treatments, operated and calibrated herbicide application equipment, and inventory for multiple species. Registrants also attended lectures on the ecology of plant invasion, early detection and rapid response, inventory and mapping techniques, the decision making process, herbicide dissipation, mechanical tools of weed control, basic math calculations and species specific weed management scenarios. Break out sessions demonstrating herbicide mode of action, herbicide absorption and translocation, herbicide formulations and adjuvants, sprayer application tools, aquatic herbicide application techniques, were also provided. Registrants received plant identification books, a course binder, course certificates from the society and pesticide recertification credits from participating states. A poster and slide show will be available at the upcoming Society meeting in Baltimore. The course will be offered again in 2009 and has been supported by a 3 year grant from the US Forest Service.





# NEWSS News

## NEWSS NIVM Short Course (cont.)

The following individuals taught or staffed the short course in 2008.

**Course Instructors:** Dr. Gregory Arnel, University of Tennessee; Mitch Blair, University of Kentucky; Dr. Tim Block, University of Pennsylvania – Morris Arboretum; Melissa Bravo Pennsylvania Department of Agriculture; Bo Burns, BASF, North Carolina; Dr. Antonio DiTommaso, Cornell University; Kim Edvarchuk, Utah State University; Bill Curran, Art Gover, David Johnson and Emily Rauschert, Penn State University; Betty Marose, University of Maryland, Dr. Les Mehrhoff and Dr. Todd Mervosh, University of Connecticut, and Dr. Michael Netherland, University of Florida.

**Course Staff:** Melissa Bravo, Course Coordinator and Kristen Wagner, Staff Assistant.

**Consultant who brought equipment for demonstration purposes:** EcoBound Consulting, PA, EcoLakes Consulting, PA.

**Course Photographers:** Les Mehrhoff, David Johnson, Betty Marose and Todd Mervosh.

### Terrestrial Course

**Ecology of the Invasion Lectures** – Toni DiTommaso and Tim Block

**Introduction to the Problem and Weed Walk/Weed Talk Stations** – Weed I.D. Stations – Greg Arnel, Mitch Blair, Tim Block, Melissa Bravo, Bo Burns, Bill Curran, Toni DiTommaso, Kim Edvarchuk, Art Gover, David Johnson, Betty Marose, Todd Mervosh, Les Mehrhoff, Emily Rauschert.

**Mapping and Inventory Techniques** – Kim Edvarchuk and Melissa Bravo

**Herbicide Mode of Action Workshop** – Bill Curran and David Johnson

**Herbicide Absorption and Translocation Workshop** – Greg Arnel and Mitch Blair

**Herbicide Formulation and Adjuvants** – Art Gover and Todd Mervosh

**Herbicide Dissipation in the Soil Lecture** – David Johnson

**Mechanical Tools of Weed Control** –Melissa Bravo, Art Gover and EcoBound Consulting.

**Sprayer Application Tools of Weed Control** – Bill Curran, David Johnson, Mitch Blair, Greg Arnel and EcoBound Consulting.

**Basic Math Calculations** – Toni DiTommaso and Todd Mervosh

**Sprayer Calibration** – Art Gover, Bill Curran, David Johnson, Mitch Blair, Greg Arnel

**Weed Management Challenge** – All instructors.

**Weed Walk/Weed Talks**

- **Black swallowwort management** – Toni DiTommaso
- **Kudzu site visit** – Melissa Bravo
- **Giant Hogweed Site Visit** – Melissa Bravo
- **Phragmites management** –Todd Mervosh
- **Tree of heaven management** – Art Gover
- **Japanese stiltgrass management** – Emily Rauschert

**Resources of the Northeast** – Betty Marose

### Aquatic Course

**Early Detection and Rapid Response**- Les Mehrhoff

**Water Area, Herbicide Calculations**- Bo Burns and EcoLakes Consulting

**Aquatic Herbicide Application**- Mike Netherland

**The Decision Making Process** – Mike Netherland

**Hydrilla Management** – Mike Netherland



## 2008 NEWSS Weed Contest Winners



**Mark Isaacs**  
2008 Weed  
Contest Coordinator

(This is a follow-up to the August newsletter article about the 2008 NEWSS Weed Contest winners and photos.) The 2008 NEWSS Collegiate Weed Science Contest was held at the University of Delaware, Carvel Research and Education Center in Georgetown. All total, 37 graduate and undergraduate students (7 grad teams and 5 undergrad teams) participated from five universities. The universities represented at the contest were North Carolina State, Virginia Tech, Penn State, Cornell, and Guelph. Students participated in four contest segments including weed identification, unknown herbicide identification, sprayer calibration, and farmer problems.

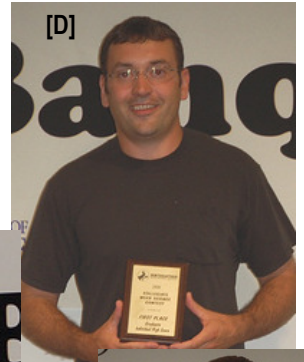
The overall results were as follows:

### GRADUATE DIVISION:

- 1<sup>st</sup> place team: Penn State (Ryan Bates, Nelson Debarros, Ruth Mick, Matt Ryan) [A]
- 2<sup>nd</sup> place team: North Carolina State #1 (Ryan Pekarek, Angela Post, Peter Dittmar Jared Witaker) [B]
- 3<sup>rd</sup> place team: Virginia Tech (Matt Cutulle, Matt Goddard, Jen Jester, Tyler Mittlesteadt) [C]
- 1<sup>st</sup> place individual: Matt Ryan – Penn State [D]
- 2<sup>nd</sup> place individual: Matt Goddard – Virginia Tech [E]
- 3<sup>rd</sup> place individual: Ryan Pekarek – North Carolina State [F]

### UNDERGRADUATE DIVISION:

- 1<sup>st</sup> place team: Guelph #1 (James Ferrier, Kelly O'Connor, Blair Scott) [G]
- 2<sup>nd</sup> place team: Penn State (Cory Chelko, Alicia Spangler) [H]
- 3<sup>rd</sup> place team: Guelph #2 (Tyler Denham, Amanda Green, Will Sebben, Scott Snowe) [I]
- 1<sup>st</sup> place individual: Blair Scott—Guelph [J]
- 2<sup>nd</sup> place individual (tie): Cory Chelko—Penn State and Scott Snowe—Guelph [K]





## NEWSS News



### Come to the NEWSS Meeting in Baltimore!



#### Renaissance Harborplace Baltimore Hotel

202 East Pratt Street  
Baltimore, Maryland 21202 USA  
Phone: 1-410-547-1200  
Fax: 1-410-539-5780

The Renaissance Harborplace Baltimore Hotel is delighted to showcase a new distinctive design featuring modern urban sophistication. Discover a four-diamond jewel among downtown Baltimore hotels, situated just steps from the area's most unique sights and attractions. Enjoy premier access to the world-famous Inner Harbor - home to the Baltimore Aquarium, the Maryland Science Center, and 120 dining and shopping options. The Renaissance Baltimore hotel's WATERTABLE restaurant/lounge and Ground Floor Café have become local favorites, boasting award-winning culinary talent and offering an all-natural menu bringing stylish twists to each season's finest ingredients. Refresh in comfortable yet refined environs at the Renaissance hotel in Baltimore Inner Harbor. Experience the rich culture of Charm City, in a vibrant location sure to delight you, at this Baltimore Inner Harbor hotel. (This is a smoke-free hotel.)



### Position Announcement

**ASSISTANT PROFESSOR/VEGETABLE SPECIALIST:** University of Delaware Cooperative Extension. 12-month appointment, extension specialist, 70% extension, 30% research. The successful candidate will be classified as a continuing non-tenure track assistant professor. The successful candidate will develop and implement a dynamic extension vegetable program that supports the commercial vegetable industry in Delaware. He/She will develop a comprehensive applied research program capable of delivering non-biased, research-based information to the vegetable industry. He/She will contribute to extension programming in the form of industry newsletter articles, fact sheets, industry workshops, presentations at scientific and grower meetings, providing vegetable expertise and support for county and state extension staff; will maintain and enhance the Delaware vegetable website; and will work with one full time vegetable extension associate and one half time bioresources engineering extension associate.

Ph.D. required in horticulture or a related field with an emphasis on vegetable production and five years of broad experience in vegetable production extension and research. Ability to work and communicate well with producers and processors in the vegetable industry, academic colleagues and the public; Ability to conduct applied research related to vegetable production in a sustainable and economically viable manner; Excellent verbal and written communication skills with a record of publications; Ability to use technology to deliver information to a variety of audiences. Strong people and leadership skills; Supervisory experience; Skill and experience in grant writing. Applicants should submit a complete curriculum vita, letter of application, and the names and contact information of at least three professional references to Dr. Susan Barton (Search Committee Chair) Department of Plant and Soil Sciences, Townsend Hall, Newark, DE 19716-2170; 302-831-1375, sbarton@udel.edu. Deadline for receipt of applications is January 5, 2009. The University of Delaware is an Equal Opportunity Employer that encourages applications from Minority Group Members and Women.



## NEWSS News

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### Important Addresses of NEWSS Executive Committee

**President: Jerry J. Baron**

IR-4 Project Headquarters  
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Phone: 732-932-9575ex4605 / Fax: 609-514-2612  
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**President-Elect: David E. Yarborough**

The University of Maine  
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**Vice President: Hilary Sandler**

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# NORTHEASTERN WEED SCIENCE SOCIETY

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