



# Western Society of Weed Science Newsletter

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Spring 2013

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## Report from the President by Roger Gast

The 66<sup>th</sup> annual meeting in San Diego was a great success, thanks to the hard work of many society volunteers. This year we also celebrated the 75<sup>th</sup> anniversary of the WSWS founding, commemorated with a desk clock that said *"75 Years of Fostering Cooperative Research, Education, and Policy of Weed Management Solutions"*. Very well said and exemplified by what I observed during the week. If you weren't able to attend and would like one please contact Phil Banks.

The meeting included 86 oral presentations and 59 posters. This includes 36 which were part of the student paper and poster competitions. Thanks to all the students that participated...you make the meeting that much better.

Phil Banks and his trusty assistant Ed Morris made sure all the preparations and meeting details were taken care of, and the local arrangements, headed by Jesse Richardson, did a fantastic job of ensuring the arrangements at the Catamaran were in perfect order. Our Research Section Chair, Tony White, and his team of project chairs and moderators kept the meeting both on time and interesting with excellent discussion sessions. Brad Hanson, Education and Regulatory Chair also organized an interesting set of speakers and discussion on the currently relevant topic of biofuel crops and their potential impacts.

The general session started with the Presidential Address by Kai Umeda who talked about the history of the WSWS and about the potential for a bright future if we continue to cooperate as a society on the key weed science topics and issues. Lee Van Wychen provided an up to the minute and sometimes humorous legislative update. I would like to personally thank our invited general session speakers Carl Bell (Invasive Plants in S. California), Kassim Al-Khatib (UC IPM) and Ian Heap (Herbicide-Resistant Weeds Worldwide) for providing thought provoking talks that spanned local, regional and global issues. I received a lot of very positive feedback that they did an outstanding job of setting the stage for the rest of the meeting.

With the success of the San Diego meeting behind us it's now time to look forward to the Colorado Springs meeting in 2014 and the things we can all do to improve the society for the future. The Board of Directors has a number of considerations on the plate to improve how we do business. They include re-invigorating the Public Relations, Herbicide Resistance and Legislative committees, and potentially moving CEU activities under the Education committee. Also the BOD will consider an ethics statement for your consideration (vote) later this year. We'll keep you informed of all these initiatives along the way.

I very much look forward to serving as your president this coming year. Please don't hesitate to contact me with any ideas or concerns you may have. Also, if you would like to serve the society, on a committee or otherwise, please drop me a note and I'll ensure you have the opportunity to get involved.

## Contact Us

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## WSWS 2013 Fellow Awards - by Rick Boydston

Fellows of the Society are members who have given meritorious service in weed science and the Western Society of Weed Science, and who are elected by two-thirds majority of the Board of Directors. The Fellow Awards Committee would like to thank all the WSWS members who took the time to nominate deserving individuals to be considered for this prestigious award. Dr. Tim Miller and Dr. Tom Lanini were elected as Fellows of the WSWS for 2013.



**Dr. Tim Miller** is an Associate Professor of Weed Science at the Northwestern Washington Research and Extension Center (WSU) in Mount Vernon, WA. Tim was an Extension support scientist at the University of Idaho from 1992-1997 and Extension Agent in Idaho from 1988-1992. He was also a Chemical Officer in the U.S. Army from 1981-1985.

His main areas of interest and expertise are integrated weed management in specialty and horticultural crops, but he also works with invasive and aquatic plant management. In addition to his service to the WSWS, Tim has been an active member of WSSA, the Washington State Weed Association, Washington State Noxious Weed Control Board, Oregon Society of Weed Science, Alaska Committee for Noxious and Invasive Plant Management, and the Idaho Weed Management Association. Tim has conducted over 550 weed control trials on specialty and horticultural crops, non-crop sites, and aquatics. He has delivered nearly 500 presentations on weed management or weed identification in the last 14 years, authored or co-authored 13 journal articles, 4 book chapters, and 50 extension bulletins. Tim has served as a major professor for 3 MS graduate students, and has served on the graduate committee for one PhD student. Tim also participates regularly in the Master Gardener program and is an instructor for the WSWS Noxious Weed Short Course.

Dr. Miller has served on numerous committees, judged graduate student papers and posters, served on local arrangements committees, and has represented WSWS at WSSA meetings. He has served on the WSWS Board of Directors and served as Chair of the Education and Regulatory Section, the Horticultural Crops section, and the Teaching and Technology Transfer sections. In addition, he chaired a very successful WSWS Knotweed Symposium in 2007. He has authored or co-authored 32 papers or posters at WSWS annual conferences since 1995 and submitted 59 WSWS Project Reports. For his numerous contributions and service to WSWS, Dr. Miller was selected for the WSWS Presidential Award of Merit in 2007 and 2012.

Tim is well regarded by weed science and other colleagues throughout the Western United States, and has initiated a number of cooperative research projects with significant importance to PNW horticultural crops. Tim has established solid working relationships with industry representatives, in addition to academic colleagues and northwest specialty crop producers.

### Tom Lanini

Dr. Tom Lanini serves as an Extension Weed Ecologist at UC-Davis. Tom spent three years at Penn State University (1983-86) and 27 years as an Extension Weed Ecologist at UC-Davis. Dr. Lanini will be retiring from his UC-Davis position in 2013.

Tom has been very active and provided significant service to the WSWS by serving on numerous committees, including local arrangements, graduate student paper judging, and chaired the



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horticultural crops section. He served as local arrangement chair for the WSWS in 2006. He has also served on numerous committees for the Weed Science Society of America was chair of the local arrangements committee for WSSA in 2002. Dr. Lanini is a regular reviewer for Weed Technology and Weed Science journals.

Dr. Lanini's primary responsibilities are in the area of vegetable crop production, but he has extended his expertise into a broad range of other areas including weed control in wildlands, aquatic, forestry, alfalfa, orchard and specialty crops, and non-crop areas. He is also considered an expert on dodder management, precision weed management, and organic methods of weed control. Tom has delivered more than 600 extension presentations, published over 50 peer-reviewed manuscripts, and over 280 extension papers, proceedings, and reports. In 1993, he spent his sabbatical leave at the USDA-ARS Aquatic Weed Control Lab in Florida, gaining experience in aquatic weed control. In 2004-2005, he spent a sabbatical in Chile expanding his expertise in the area of agronomic crops. Some of Dr. Lanini's major contributions to agriculture in the western United States include his educational program centered on the development of low input and cultural weed management strategies, understanding weed biology, and weed/crop interactions and thresholds.

He has served on the steering, program, and collegiate committee for the California Weed Science Society, served on the board of directors, and received the Award of Excellence from the California Weed Science Society. Dr. Lanini served as mentor to several other extension weed scientists at UC-Davis. Tom has also trained 11 graduate students at the Master and PhD level in ecology, plant pest protection, and vegetable crops graduate groups.

**Distinguished Achievement Awards - by Jeff Tichota**

Thank you to Jill Schroeder and Rick Arnold for their insight and guidance to evaluate Achievement award nominees and choose Scholarship winners. Cameron Douglass deserves thanks for his role in our WSWS Scholarship program. Jill rotates off the Award committee, Rick Arnold will be chair for 2013-2014 and Jeff Tichota is past chair.

**CRITERIA USED FOR EVALUATING NOMINATIONS**

Please take a moment and think about whom you could nominate for a WSWS Achievement award. Most of us work for a paycheck but recognition from our peers is a treasured memory. Awards are based on merit and impact on weed science and weed management practices. Applicants must be a member of WSWS and professional achievements and their impacts are criteria for receiving these awards. Awards are given each year in both the private and public sectors for Outstanding Weed Scientist, Outstanding Weed Scientist – Early Career, Weed Manager and Professional Staff. The "Call for Nominations Distinguished Achievement Awards" is sent out with the Summer WSWS Newsletter and nominations are due November 1, 2013.

We recognized four Distinguished Award winners at our 2013 meeting:

- OUTSTANDING WEED SCIENTIST
- OUTSTANDING WEED SCIENTIST – EARLY CAREER
- Professional Staff
- Weed Manager

**Outstanding Weed Scientist – Private Sector award - Mary Halstvedt  
nominated by Vanelle Peterson**

Mary has a thirty one year career with Dow AgroSciences and started as a sales representative but moved into research and technical service within 4 years. Mary authors and develops informational newsletters and training programs that are so valuable that Dow continues to support these informational tools. Mary has co-authored over 30 papers and posters at the WSWS. Mary coordinates research initiatives with Universities and provides land managers with need to know information. Mary was



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**Publications**

**WSWS ONLINE EDUCATION**

<http://www.wsweedscience.org/contacts/Events/Education/factsheets.asp>

WSWS Journals Website Online  
[www.WSSAJournals.org](http://www.WSSAJournals.org)

awarded a "2012 Agrow Award for "Best Innovation in NonCrop" at an announcement in London to an audience of about 400 people classed as "movers and shakers" in crop protection. Mary works to develop practical solutions to weed issues on small acres, large ranches or publicly-owned land. Mary has made significant contributions to develop and implement effective and economical weed management strategies in prairie and rangeland systems in the western United States.



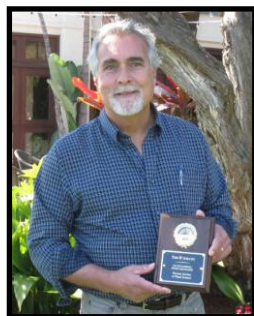
**Outstanding Weed Scientist – Early Career – Public Sector - Jane Mangold  
nominated by Hilary Parkinson**

Jane is a Weed Specialist and assistant professor of Integrated Invasive Plant management at Montana State University. Jane's primary responsibility is her Extension work focusing on integrated, multi-disciplinary approaches to invasive plant management in range, wild land and agricultural systems. Dr. Mangold develops an impressive array of face-to-face, off-campus programs throughout Montana and the region with state-of-the-art technology reaching thousands of participants. One land manager referring to Jane's workshop "It was the best program I have ever attended in my 25 years as a weed manager". Jane has published more than 15 refereed journal articles, contributed chapters to three books, co-authored 21 extension publications, written 18 publications for the popular press and continues to edit a bi-annual Integrated Pest Management bulletin and a monthly Weed Post. Dr. Mangold is an associate editor for Rangeland Ecology and Management and serves as a reviewer for seven scientific journals. On a personal level, one of Jane nominators said Jane emits a "kind and considerate approach to life".



**Professional Staff – Joan Campbell nominated by Don Thill**

Joan has been part of the weed science program at the University of Idaho for over 31 years. Joan has taught the introductory weed science course at UI for over 25 years and her evaluation scores exceed the departmental and college averages. Joan assists Donn in teaching weed biology, herbicide fate and mode of action courses. When Donn accepted a position as Director of the Idaho Agricultural Experiment Station, Joan stepped up to the overall management of the weed science program maintaining an active small grain cropping research program. Joan works long hours and weekends and you may find her in her office after 6:00 pm or at the research farm on Saturday. Joan set up the first web site for the WWSWS, served as Proceedings editor and Progress report co-author. She has been awarded the WWSWS Presidential Award and is a WWSWS fellow. Joan has presented 23 papers and authored 125 Research Progress Reports. Joan's supporting letters emphasize how well she conducts research, trains graduate students and new research associates. To quote one of her supporting letter nominators "she was always there working with me not just giving instructions".



**Weed Manager – Tim D'Amato nominated by Phil Westra**

Tim started his weed science career in the 1980s working as a research technician in sugar beet weed management with Dr. Ed Schweitzer of the ARS in Fort Collins. Tim worked with Phil in his weed science program for 15 years after which he became Boulder County Weed Manager. Tim transferred to Larimer County in 2007 as weed coordinator. The move to Larimer County, home of CSU, dramatically increased the number of collaborative projects CSU personnel conduct with Tim and his crew. Tim and his team assembled a group of workers to combat the numerous noxious weeds that were some of the first plants to grow back after the High Park Fire of 2012. Tim's current supervisor says he operates on a highly professional level, taking action to create needed solutions, make contacts and ensures the mission of the weed district is maintained. Tim is always ready with a funny quip and keeps things light no matter the situation – he is easy going and ensures a fun day whether in the field or an all day meeting. Tim is a long-time member of the WWSWS and regularly presents research posters and papers at our annual meeting. He encourages his team to become active in the WWSWS and brings his employees to annual meetings. A supporting letter from George Beck says "Tim runs one of the best county weed management programs in Colorado."

## Calendar of Events

Aquatic Plant Management  
Society  
July 14-17, 2013  
San Antonio, Texas  
[www.apms.org](http://www.apms.org)

Soil & Water Conservation  
Society  
Invasive Plants: Managing  
Controversy, Creativity, &  
Conservation  
July 21, 2013  
Reno, Nevada  
[www.swcs.org/13AC](http://www.swcs.org/13AC)

North Central Weed Science  
Society  
December 9-12, 2013  
Columbus, Ohio  
[www.ncwss.org](http://www.ncwss.org)

66<sup>th</sup> California Weed Science  
Society Conference  
January 22-24, 2014  
Monterey, CA  
[www.cwss.org](http://www.cwss.org)

Southern Weed Science  
Society  
January 27-29, 2014  
Birmingham, Alabama  
[www.swss.ws](http://www.swss.ws)

Weed Science Society of  
America Annual Meeting  
February 3-6, 2014  
Vancouver, British Columbia  
[www.wssa.net](http://www.wssa.net)

Western Society of Weed  
Science Annual Meeting  
March 10-13, 2014  
Colorado Springs, Colorado  
[www.wsweedscience.org](http://www.wsweedscience.org)

## Student Liaison Report by Craig Beil

Students were well represented this year with 40 graduate and undergraduates attending the meeting and sharing their research. I'd like to congratulate those students who were selected for the student scholarship award, as well as the student winners of the oral paper and poster competition.

The silent auction was a success. I would like to express my genuine appreciation for the participants of the second student silent auction event. A special thanks to Dow AgroSciences, Bayer, OtterBox, Monsanto, and United Phosphorus for the items and donations made to the silent auction, and thanks not only to those of you who donated items but also to those who bid on items. The event produced over \$2,000 in silent actions bids and donations and will help to fund next year's student scholarships. Because of the success of this year's silent auction, we will continue this event at the next meeting in Colorado Springs. We hope you will continue to provide support as we continue to expand on the success of this year's silent auction.

Thank you to Cameron Douglass, now employed at Trinity College in Hartford, Connecticut, for serving as the Student Liaison Chair this past year. Your organization and enthusiasm set an excellent example for future Student Liaisons of the society. Be sure to congratulate Marcelo Moretti of UC Davis who was elected as the new Student Liaison Chair-Elect. Marcelo and I will be working to increase opportunities for student participation in the WSWS, ensuring that there is sustainable funding for student scholarships, and increasing the transparency of student involvement in the society.

Students, please be sure to fill out the survey pertaining to the San Diego conference that was e-mailed to you. Your feedback is greatly appreciated and your comments in the survey have been an effective way to improve the student activities for the next annual meeting.

Marcello ([mlmoretti@ucdavis.edu](mailto:mlmoretti@ucdavis.edu)) and I ([ctb081@rams.colostate.edu](mailto:ctb081@rams.colostate.edu)) welcome suggestions and comments regarding the student events, the annual meeting, the silent auction, or ways to more actively participate in the society.

STUDENTS- we hope you will help provide contact information of new companies that are willing to participate in the silent auction by donating items or through direct donations as we hope to increase support and awareness of the society outside of our sustaining member population.

## Student Scholarship Recipients:

Our committee received nine scholarship application packages. These young people are talented and our committee wished we had nine scholarships to offer. Three individuals were selected.

- Samantha Ambrose – Oklahoma State University
- Christina Herron-Sweet – Montana State University
- Leslie A. Holland – New Mexico State University



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## 2013 Student Awards by Guy Kyser

At the 2013 meeting, 20 students presented papers: nine in Weeds of Agronomic crops or Weeds of Horticultural Crops, and 11 in Weeds of Rangeland and Natural Areas or Basic Biology and Ecology. Ten graduate students and four undergraduates presented posters.

### Student Paper Contest Winners

#### Weeds of Agronomic Crops & Weeds of Horticultural Crops



3<sup>rd</sup> - Jared Unverzagt, University of Wyoming, Laramie  
2<sup>nd</sup> - Christopher Van Horn, Colorado State University, Fort Collins  
1<sup>st</sup> - Craig Beil, Colorado State University, Fort Collins

#### Weeds of Rangeland and Natural Areas & Basic Biology and Ecology



3<sup>rd</sup> - Hally Berg, Montana State University, Bozeman  
2<sup>nd</sup> - Samantha Ambrose, Oklahoma State University, Stillwater  
1<sup>st</sup> - Christina Herron-Sweet, Montana State University, Bozeman

### Student Poster Contest Winners

#### Graduate



1<sup>st</sup> - Amar Godar, Kansas State University, Manhattan  
2<sup>nd</sup> - Carl Coburn, University of Wyoming, Laramie  
3<sup>rd</sup> - Marcelo Moretti, University of California, Davis (not pictured)

#### Undergraduate



1<sup>st</sup> - Leslie Holland, New Mexico State University, Las Cruces

## Diagnostic Invasive Plant List Serve

The Center for Invasive Plant Management (CIPM) at Montana State University was recently asked to host a new Invasive Plant Diagnostics Listserv as a service to experts in weed detection and identification, nationwide. Of the 4,271 exotic species reported by Biota of North America Program (BONAP) for North America, 1,584 are reported in only a single state or province! When these species jump to other areas, their rapid identification can depend upon communication with someone already familiar with the species. It is our hope to build a listserv for experts in invasive plant detection and identification, where participants can request assistance in the identification of unknown invasive plant species, notify others of their findings, and generally improve the communication amongst this small group of specialists, regionally and nationally. Please provide contact information for any invasive plant experts, who you feel should be added to this listserv. Direct all communication to: [elizabeth.gallinoble@montana.edu](mailto:elizabeth.gallinoble@montana.edu)



## 2013-2014 WSWS Officers and Executive Committee



Seated: Brad Hanson, Vanelle Peterson, Kai Umeda, Roger Gast, Phil Banks, Phil Westra  
Standing: Tony White, Joel Felix, Andy Hulting, Corey Ransom, Andrew Kniss, Craig Beil, Pat Clay,  
Monte Anderson

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### Notes from the Business Office by Phil Banks, WSWS Business Manager/Treasurer

If you did not attend the past meeting in San Diego, CA and have not done so already, you should renew your WSWS membership for 2013. You can do this by logging in to your contact page at the website ([www.wsweedscience.org](http://www.wsweedscience.org)) and then scrolling to the bottom of the page. You can also renew by sending me a check for \$ 30.00 along with your name and current contact information (form is included in this Newsletter). If you have changed address, job, phone number, or e-mail address, please take the time to update your information. Let me know if you have any questions or need additional information.

Also, you can help support WSWS activities by purchasing some our publications. Besides our best selling "Weeds of the West" book (we have sold over 160,000), we have a variety of other weed identification resources available and recently posted the publication "Weed Control in Natural Areas in the Western United States" for sale. These resources can be used for teaching or self education. You can check out all of the publications by going to our website ([www.wsweedscience.org](http://www.wsweedscience.org)) and clicking on "Online Store" located on the left side of the page. When you are giving public presentations about weed identification please let your audience know about these resources. There is an order form for our publications in this Newsletter. Contact me for discounts on bulk orders.

WSWS gave each attendee to the San Diego meeting a commemorative clock to celebrate our 75<sup>th</sup> Anniversary as a Society. A limited number were left over and can be purchased either online (<http://www.wsweedscience.org/Products/Products.asp?cat=14>) or by sending me a check for \$15 with your shipping address.

If you need to contact the office, please give us a call at 575-527-1888 or e-mail at [wsws@marathonag.com](mailto:wsws@marathonag.com).

Phil Banks, WSWS Business Manager/Treasurer

# WASHINGTON REPORT

April 1, 2013

Lee Van Wychen

## **Congress Approves Final FY 2013 Spending Bill**

The federal government ran on a continuing resolution for the first six months of FY 2013 as Congress punted any spending decisions into the New Year well after last year's elections. On March 21, the House of Representatives voted to adopt the Senate amended spending plan, H.R. 933, (<http://www.gpo.gov/fdsys/pkg/BILLS-113hr933enr/pdf/BILLS-113hr933enr.pdf>) to fund the federal government through the remainder of the fiscal year to Sept 30, 2013.

Depending on how you look at the numbers, most USDA research, education and extension programs took a 7.8 percent cut compared to their FY 2012 appropriations. This includes: Hatch Act, Smith Lever Act, the IR-4 program, the Sustainable Ag Research and Education program and the Regional IPM Centers. The Senate did pick a few programs to get more money than they did in FY 2012 which included the Agriculture and Food Research Initiative (AFRI) that will get \$275 million in FY 2013, compared to \$264 million it received in FY 2012. There were also some programs like the Specialty Crop Research Initiative (SCRI) and the Organic Agriculture and Extension Initiative (OREI) that did not get any funding for FY 2013 because Congress did not pass a new Farm Bill, nor did they extend funding for those programs in the FY 2013 final spending bill.

One provision in the FY 2013 Consolidated and Further Continuing Appropriations Act of, 2013 (H.R. 933 <http://www.gpo.gov/fdsys/pkg/BILLS-113hr933enr/pdf/BILLS-113hr933enr.pdf>), that has generated some controversy is the "Farmer Assurance Provision" under Sec. 735 and stems from past litigation over procedural issues unrelated to sound science or the safety of biotech crops such as RR sugar beets. Basically, the provision says that if a farmer plants a crop that was legal to plant at planting, the Secretary of Agriculture will ensure that the farmer gets to harvest it, even if some lawsuit is upheld in a court. This provision has been supported by many different trade associations over the past couple of years, including the Biotech Industry Organization and the American Seed Trade Association. The trade groups contend that environmental activists and judges have "inappropriately" interfered with already-approved products that are being planted, and that the provision "provides certainty" to farmers, even if a court ruled against the USDA's approval of the product. This provision will expire on Sept. 30, 2013. In the meantime, Secretary Vilsack has asked USDA's Office of General Counsel to review the farmer assurance provision "as it appears to pre-empt judicial review of a deregulatory action which may make the provision unenforceable."

## **New Ag Appropriations Committee Chairman**

With the new Congress, comes new chairman of both the House and Senate Agriculture Appropriations Subcommittees. On the House side, Rep. Bob Aderholt from Alabama's 4<sup>th</sup> Congressional District will take over as chair from Jack Kingston of Georgia. Rep. Aderholt will be serving in his 9<sup>th</sup> term from northern Alabama and served as chair of Homeland Security Approps in the 112<sup>th</sup> Congress. Prior to his election to Congress, Aderholt served as an aide to Governor Fob James and as a Municipal Judge in Haleyville, Alabama. Educated through Alabama's public school system, Aderholt went on to graduate from Birmingham Southern College and from the Cumberland School of Law at Samford University.

On the Senate side, Sen. Herb Kohl from Wisconsin has retired from Congress after 24 years in office. Senator Mark Pryor from Arkansas will take over as the new chair of the Senate Ag



Approps Subcommittee, with Sen. Roy Blunt from Missouri serving as the ranking member. Pryor grew up in both Arkansas and the Washington D.C. area. He received a B.A. in History and his law degree from the University of Arkansas and worked in private legal practice for over ten years. Pryor was first elected to public office in 1990 as a member of the Arkansas State House of Representatives. In 1998 he was elected Arkansas' Attorney General. He was first elected to the U.S. Senate in 2002 and was re-elected in 2008, where he received more votes than any statewide elected official in Arkansas history.

### **Vilsack Stays, but EPA and Interior Will Get New Leaders**

USDA Secretary of Agriculture Tom Vilsack will remain Secretary of Agriculture during the second term of the Obama Administration. There was speculation that the former Iowa governor would run for the U.S. Senate seat in Iowa being vacated by the Sen. Tom Harkin in 2014.

At EPA, Administrator Lisa P. Jackson announced she was leaving about a month after it was revealed she was using an alias email account to conduct official business. Jackson used a private email under the alias "Richard Windsor" to correspond with EPA colleagues, a decision her staff defended by saying that her official email account received too many messages for her to use it efficiently. Jackson spearheaded efforts to begin regulating greenhouse gas emissions, including setting new standards to clean up mercury and other toxic emissions from coal power plants, and established new fuel economy standards for motor vehicles. Many of those initiatives occurred under Gina McCarthy, the agency's assistant administrator for air and radiation, who was nominated in February to take over the EPA leadership from Jackson.

McCarthy has worked for Democrats and Republicans alike in state governments. However, her role as the point person in developing rules limiting emissions from industrial sources like power plants and boilers is likely to make her a proxy during the confirmation process for the administration's broader efforts to address climate change.

Secretary of the Interior, Ken Salazar also announced he will be leaving the administration this spring. In his place, President Obama nominated Sally Jewell, head of the outdoor recreation equipment cooperative REI. The nomination of Jewell, a high-profile business executive with strong support among conservation groups, marks a departure from the recent tradition of naming Western political figures to lead the Department of Interior, which manages millions of acres of public land. Jewell is president and CEO of Recreational Equipment Inc., a retailer with \$2 billion in annual sales based in Kent, Washington. She spent 19 years in the commercial banking industry before joining REI, the nation's largest consumer cooperative, with more than 100 stores.

### **EPA Excludes *Arundo donax* and *Pennisetum purpureum* From Biofuel Rule**

For the past year, EPA had been working to finalize a federal rule which would allow fuel made from two known noxious weeds, *Arundo donax* (giant reed) and *Pennisetum purpureum* (napier grass or elephant grass), to count toward federally-mandated renewable fuels targets. The National and Regional Weed Science Societies are opposed the rule and have been working with other stakeholder groups to prevent parts of the rule from becoming law.

Much to our relief, EPA announced on February 22 that it EXCLUDED *Arundo donax* and *Pennisetum purpureum* from its final rule. Other parts of the rule were approved, which included the use of camelina and energy cane as eligible biofuel feedstocks under the Renewable Fuel Program.

EPA said they would continue to consider determinations on biofuels produced from *Arundo donax* and *Pennisetum purpureum* and make a final decision at a later time. The final rule is at: <http://www.epa.gov/otaq/fuels/renewablefuels/documents/new-fuel-pathways-under-rfs-fr.pdf>

EPA definitely made the right decision at this time, but I have no doubt that they will continue to look at *Arundo* and *Pennisetum* going forward. In our meetings with EPA, we have stressed that if EPA approves *Arundo donax* and similarly high risk feedstocks, we believe that a federal rule must include – at the very minimum— guidelines or a permit process that requires stringent best management practices to reduce the risk of escape. These guidelines should be written with the guidance of the National Invasive Species Council and relevant federal agencies.

### **NPDES Bill Reintroduced in 113th Congress**

The National and Regional Weed Science Societies were among the 90 plus public and private stakeholder groups that supported the introduction of the “Reducing Regulatory Burdens Act of 2013”, H.R. 935 (<http://www.gpo.gov/fdsys/pkg/BILLS-113hr935ih/pdf/BILLS-113hr935ih.pdf>), in the 113<sup>th</sup> Congress. The legislation clarifies Congressional intent that Clean Water Act permits are NOT required for the lawful application of FIFRA-approved pesticides. In 2009, the 6<sup>th</sup> Circuit Court of Appeals screwed up and double regulated pesticide applications in, over, or near water. This legislation has had over 2/3’s majority support by the House and Senate in the last session of Congress, but unfortunately the Senate leadership would not allow to it come to floor for a vote.

### **Federal Court Says NOAA Must Use “Sound Science” for Endangered Species Rules**

The U.S. 4th District Court of Appeals out of Richmond, Virginia threw the book at NOAA’s National Marine Fisheries Service (NMFS) for not using sound science in their decisions on endangered species protections. Quite frankly, NMFS has had a terrible activist driven track record. Basically, the court ruled that NMFS lied in its 2008 biological opinion claiming twenty-seven species of salmon were jeopardized by agricultural practices, when they were not. And that significant data and standards used in the biological opinions were not logical or even rational.

The Chair and Ranking Member of the House Ag Committee have a great summary of the court case, as well as background information, that you find here:

<http://agriculture.house.gov/press-release/hastings-lucas-peterson-praise-federal-court-ruling-noaa%E2%80%99s-salmon-opinion>

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## Call for Symposia Titles for the 67th Annual Meeting

Members of the WSWs are invited to submit proposals for symposia at the 67th Annual Meeting to be held at the Crowne Plaza Hotel in Colorado Springs, Colorado from March 10-13, 2014. The WSWs program committee will receive proposals and then evaluate all of the proposed symposia based on the following criteria: 1) how well they are justified, 2) the target audience, 3) the completeness of the agenda, and 4) the detailed budget.

The program committee together with the WSWs Board of Directors may approve full or half-day symposia for the annual meeting. An allowable budget of up to \$2000 can support travel expenses for invited nonmember speakers. Include estimated travel and lodging costs for invited speakers (no honoraria will be paid to symposium participants) plus any other anticipated expenses (food & beverages, etc.) in the budget. Although funds have been budgeted for the symposia, the goal is to spend the least amount necessary to obtain excellent symposia speakers. The Crowne Plaza Hotel room rates in Colorado Springs will be \$84 plus tax for a single or double room. Please use the WSWs ANNUAL MEETING SYMPOSIUM PROPOSAL FORM, which can be found on the WSWs homepage ([www.wsweedscience.org](http://www.wsweedscience.org)). Symposium proposals can be e-mailed directly to Drew Lyon ([drew.lyon@wsu.edu](mailto:drew.lyon@wsu.edu)) and are due June 14, 2013. Proposals for future meetings beyond the 2014 Colorado Springs meeting are also encouraged. The WSWs annual meeting will be held in Portland, Oregon in 2015. Topics that are relevant for a local audience are encouraged so that WSWs can reach out to end users with knowledge and technology.

Recent past symposia topics have included: Tree & Vine Weed Control, Ecology and Management of Downy Brome, *Ventenata dubia*, Ecological Effects of Invasive Plants, *Kochia*, Invasive Grasses, Jointed Goatgrass, Biological Control of Invasive Plants, Adjuvant Technology, *Arundo/Phragmites*, Application Technology, Knotweed, Crop Protection Chemistry vs. Genetically Modified Crops, Dose Response Functions, and Salt Cedar. Abstracts of symposium presentations will be included in the proceedings; therefore, symposium organizers are responsible for ensuring all electronic title and abstract submissions.

We look forward to your symposia proposals. If you have any questions, don't hesitate to call Drew Lyon, President-elect and Program Chairperson, at (509) 335-2961.



**RESILIENT  
LANDSCAPES**  
Planning for Flood, Drought & Fire  
68th International Annual Conference  
Reno, NV July 21-24, 2013  
[www.swcs.org/13AC](http://www.swcs.org/13AC)



**Soil and Water Conservation Society (SWCS)**  
**“Invasive Plants: Managing Controversy, Creativity,  
and Conservation”**  
**July 21, 2013**

A 1-day special session entitled, “Invasive Plants: Managing Controversy, Creativity, and Conservation”, will focus on the challenges and issues associated with invasive plant species. In all parts of the world, invasive plants are establishing in natural areas and wild lands and are changing many of the cycles (e.g., fire, hydrological) and affecting many of the processes (e.g., succession, nutrient turnover) that once supported biologically diverse communities. There are many unknowns on the long-term impacts of invasive plant species and this has spurred numerous debates related to management approaches and even the necessity of human intervention. Alternatively, the short-term effects of invasive plants can be seen at small and large scales and has resulted in much thought by researchers, land managers, and policymakers on how to develop and find innovative/alternative approaches to address what should be done and how best to do it. Ultimately, a price will be paid if dialogue does not continue and new ways are not developed to preserve our current landscapes and at the same time allow for dynamic change in these systems, which includes invasive plant species. It is with this focus that this 1-day special session is taking place at the 2013 SWCS annual meetings in Reno, NV. The intent is to create an environment with a diverse audience that through discussion and presentation will continue to advance what is best for the environment and its constituents in relation to invasive plants species both now and into the future. Make plans to attend this special session in July 2013. Symposia organizers are seeking contributed oral and poster presentation to complement three invited plenary speakers. For registration details, go to [www.swcs.org/13AC](http://www.swcs.org/13AC)



# **REQUEST FOR WSWS FELLOW AND HONORARY MEMBER NOMINATIONS**

**BY**

**Dr. Rick Boydston, Committee Chair**

**Now is your chance to nominate deserving colleagues as a WSWS Fellow or Honorary Member!**

## **WSWS FELLOW**

### **WSWS Guidelines for Nominating Fellows**

**Fellows of the society are members who have given meritorious service to the Western Society of Weed Science.**

The nominator must contact the member to be nominated and request them to prepare a concise [2-3 page] resume.

- a. The nominee must be involved in the process. The most pertinent information about the nominee can only be obtained from the nominee.
- b. The nominee's resume should be based on the WSWS guidelines approved by the Board of Directors (see below).
- c. Information from the resume will be used by the nominator in writing the letter of nomination.
- d. The nominator also is responsible for soliciting two letters of support for the nominee. The letters should be sent to the nominator and included in the nomination package sent to the committee.
- e. The nomination package should include the nominee's vita, the nominator's letter of nomination, and two support letters.

### **SERVICE TO WSWS – Please address the following points in the resume:**

1. **Officer:** President; Vice-President; Secretary, Research Section Chair; Education & Regulatory Section Chair; Editor; Other.
2. **Committees:** Standing; Special; Ad Hoc.
3. **Presentations and Publications:** WSWS – Papers, Proceedings, Research Progress
4. **Service to other Weed Science Societies:** Weed Science Society of America; State Organizations.
5. **Academic Weed Science Endeavors:** Teacher; Graduate Students; Refereed Publications; Extension Publications, Books; Popular Publications; Academic Weed Science Pursuits; Other.
6. **Industry Weed Science Endeavors:** Sales and Marketing; Research and Development; Regional Manager; Product Manager.
7. **Other Meritorious Weed Science Service**

## **WSWS HONORARY MEMBER**

### **WSWS Guidelines for Nominating Honorary Members**

**Honorary members are selected from individuals whose activities have been largely from outside the Western Society of Weed Science, but who have significantly contributed to the field of weed science.**

- The nominator must contact the person to be nominated and request them to prepare a vita.
- The nominator will then prepare a letter summarizing the nominee's contribution to the area of weed science with emphasis on how the interests of the WSWS have been served by this non-member.
- Include the vita with the letter of nomination to provide all pertinent information to the Committee.

**NOMINATIONS FOR FELLOW AND HONORARY MEMBER PACKAGES ARE DUE BY DECEMBER 1, 2013**

**TO:**

*Electronic submission preferred.*

**Dr. Rick Boydston**

**WSU Prosser IAREC**

**24106 N Bunn Rd**

**Prosser, WA 99350-8694**

**(509) 786-9267 Rick.Boydston@ARS.USDA.GOV**



## **2013 North American Invasive Plant Short Course June 25-27, 2013, North Platte, Nebraska**

The NAIPSC Field Course is an opportunity for land managers (public and private), landowners, policymakers, researchers, and graduate students to receive training in the basics of invasive plant ecology and management. The three-day course provides in-depth learning on the principles of integrated weed management, herbicide modes of action, plant identification, biological control, GPS and remote sensing applications, and spatial distribution analysis of invasive plant species populations. Also included will be instruction on the use of restoration practices designed specifically for managing invasive plant species.

The NAIPSC Field Course is three days of intense instruction and learning for those interested in the basics of invasive plant ecology and management. The course combines hands on workshops, site visits and instructor-led discussion sessions to provide the most in-depth, comprehensive education on a variety of principles and topics related to invasive plant ecology and management.

### **Special Session: Biocontrol**

Ever had a question about biocontrol? Maybe you've been interested to know exactly how biocontrol works and the impacts. Or, you want to know the process of establishing biocontrol and monitoring biocontrol agents. Or, you are interested in the latest research and changes coming for biocontrol. The 2013 NAIPSC Field Course is going to answer these questions and more in the NAIPSC Special Session. You won't want to miss this one!

### **Instructors for the 2013 NAIPSC Field Course**

George Beck, Colorado State University  
Eric Coombs, Oregon Department of Agriculture  
Anita Dille, Kansas State University  
Richard Hansen, USDA APHIS, Colorado  
Ellen Jacquart, The Nature Conservancy  
Chad Jones, Connecticut College  
John Kartesz, BONAP, North Carolina

Andrew Kniss, University of Wyoming  
Jane Mangold, Montana State University  
Joe Milan, US BLM, Idaho  
Tim Prather, University of Idaho  
Tom Stohlgren, USGS, Colorado  
Jerry Volesky, University of Nebraska-Lincoln  
Steve Young, University of Nebraska-Lincoln

**Register now!** Online or view brochure at  
<http://ipscourse.unl.edu/>

## 2013 Membership Renewal Form for the Western Society of Weed Science

(To pay by credit card, please go to [www.wsweedscience.org](http://www.wsweedscience.org) and login to your account)

**IF YOU DID NOT ATTEND THE ANNUAL MEETING BUT WANT TO REMAIN A MEMBER, FILL IN THE INFORMATION BELOW AND SEND \$ 30.00 FOR DUES TO THE ADDRESS GIVEN.**

Last name

First name

Affiliation

Mailing address

City

State

Zip code

Phone # w/area code

e-mail address

**Classification:** Student \_\_\_ University \_\_\_ Federal Agency \_\_\_ State Agency \_\_\_

Private Industry (manufacturing and sales) \_\_\_ Private Industry (consulting) \_\_\_

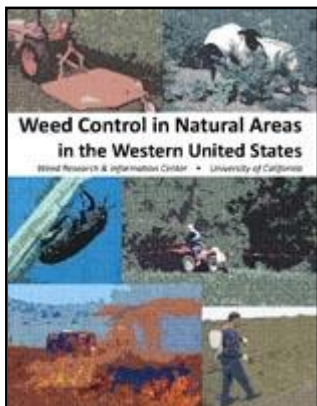
Unemployed \_\_\_ Retired \_\_\_ other (specify) \_\_\_\_\_

Send to: WSWS/Phil Banks

205 W. Boutz, Bldg 4, Ste 5

Las Cruces, NM 88005

## Weed Control in Natural Areas in the Western United States



This book contains control options, both non-chemical and chemical, in full write-ups for nearly 242 species, with non-chemical and chemical options in a susceptibility table for a little under 100 additional species. Information is also provided on the variety of control techniques and equipment used in natural areas, as well as safety and environmental considerations, herbicide characteristics, rainfast periods and grazing and haying restrictions for terrestrial herbicides, a list of species with biological control agents either available or under development, and helpful conversion tables.

**You can purchase this book from WSWS by following this link:**

<http://www.wsweedscience.org/Products/proddetail.asp?prod=Book2>

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# Publications Available From the Western Society of Weed Science

(All prices include shipping and handling, bulk orders may be discounted, see below)

- \_\_\_\_\_ Weeds of the West..... \$34.00
- \_\_\_\_\_ Aquatic and Riparian Weeds of the West..... \$45.00
- \_\_\_\_\_ Weeds of California and Other Western States..... \$85.00
- \_\_\_\_\_ Broadleaf and Grass Weeds of the West (CD only,2 discs)..... \$50.00
- \_\_\_\_\_ Weed Control in Natural Areas in the Western United States ..... \$40.00
- \_\_\_\_\_ Interactive Encyclopedia of North American Weeds DVD.....\$50.00

Total \_\_\_\_\_

All publications can be ordered online at [www.wsweedscience.org](http://www.wsweedscience.org)  
(click on online store)

To order by mail and pay by check, send this completed form with payment to: WSWS Business Manager, 205 W. Boutz Rd, Bldg 4, Ste 5, Las Cruces, NM 88005. **Contact the Business Manager (Phil Banks) at 575-527-1888 for bulk order prices.**

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