



Western Society of Weed Science Newsletter

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Summer 2012

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Report from the President by Kai Umeda

The WSWS Board of Directors (BoD) heard the reports from its officers and committees at its summer meeting on August 22-23 in San Diego (All can be viewed at wsweedsociety.org). Most importantly, President-elect and program chairman, Roger Gast scoped out the Catamaran Resort's facilities and deemed the meeting rooms for our projects' presentations and discussions more than adequate to accommodate our needs. The meeting rooms will have doors opening to steps that lead down to the beach on Mission Bay. You'll be able to walk out of the lobby, cross the street, and

meander between the beach houses to Mission Beach and enjoy lots of eating establishments while watching the waves and maybe even see a whale. Many thanks to Jesse Richardson, local arrangements chairman, for laying out the groundwork and being our liaison with the hotel staff.

This coming year's annual meeting program will be primarily composed of traditional submitted oral presentations and posters and organized discussions for all of the projects of Weeds of Agronomic Crops, Horticultural Crops, Range and Natural Areas, Teaching and Technology, and Basic Biology and Ecology. (See the Call for Papers.) The Weeds of Horticultural Crops project could be especially bulked up to attract local turf and ornamentals professionals from the landscape industries in Southern California. Roger and his committee of Brad Hanson, Education and Regulatory Section chairman, and Tony White, Research Section chairman, will be organizing the sessions and discussions and will have an attractive and informative general session for us.

As Roger will mention in his column, I am encouraging WSWS members to think of proposals to organize future symposia at our meetings in Colorado Springs in 2014 and then Portland in 2015. What are current and what will be anticipated hot topics to delve into special presentations and discussions at those locales? Brad and Joel Felix, Education and Regulatory Section chair-elect will solicit and entertain members' creative ideas.

Most of our 16 standing committees are performing their duties as described by the Operating Guide. You have been hearing from committees such as the Fellows and Honorary Member and Awards committees soliciting your inputs to recognize weed science colleagues from the western states. Student members should apply by October 1 for the WSWS Outstanding Student Scholarship that consists of three \$1,000 awards that will be presented to graduate or undergraduate students who attend the annual meeting.

The WSWS has its work cut out for the near term as we strive to promote and market our products and our organization. We serve our members with the main function of organizing and conducting our annual meeting each year. We have attempted to reach out to potential new members in locales by organizing highly informational, educational, and relevant symposia over the past few years.

WSWS offers one of the most popular weed identification books, *Weeds of the West*. Along with it, our members have authored and offered additional publications (*Invasive Plants of Range and Wildlands and Their Environmental, Economic, and Societal Impacts*; *Aquatic and Riparian Weeds of the West*; and *Weeds of California and Other Western States*) for sale through the WSWS website. We are fortunate to be able to sell a suite of quality publications to our members as well as to the general public. Additionally, we just reprinted 9,000 copies so how do we sell 1,000 books each year?

The popular Noxious Weed Short Course will no longer be a financially supported function of WSWS; however, WSWS will assist its member, Sandra McDonald by advertising and promoting the short course. Likewise, WSWS would like to be able to assist its members who offer similar learning opportunities by advertising and promoting educational courses, schools, and classes.

The BoD did not arrive at any specific methods to achieve these lofty goals but we are soliciting suggestions from our members and open to all creative and innovative ideas. Perhaps an ad hoc

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Necrology

committee may be needed to explore how we as an organization should promote and market its goods - annual meeting, publications, and educational offerings. Amongst our membership, is there expertise or talent to take on such tasks on a voluntary or paid basis?

The BoD decided that our current Public Relations committee that secures continuing education credits from states for the annual meeting should continue doing so but that the broader effort of promotions should be a separate task.

I would like to continue the marketing and promotions discussions at our March BoD meeting and then initiate some targeted activities, so please contact me or other BoD members with your suggestions and brainstorm ideas to help sell WSWS.

At last year's annual meeting, then President Vanelle Peterson and her Member-at-Large, Pete Forster conducted a survey that asked three questions:

1. *What factors do you consider when deciding to attend a professional meeting?*
2. *Why do you attend WSWS?*
3. *What changes can WSWS make to increase your satisfaction with the annual meeting?*

Bob Stougaard, Member-at-Large, analyzed the responses and found that there was overlap with respect to the answers given for questions 1 and 2, with the most frequent response to both questions being the opportunity to network. Bob is currently formulating follow-up action to address enhancing networking among WSWS members and other colleagues.

Also at last year's general session, Bob Zimdahl challenged us to develop and create an ethics statement for WSWS. An *ad hoc* committee with Bob, Ralph Whitesides, and Frank Young is crafting a set of guidelines for WSWS.

WSWS has been relevant and successful for 75 years by addressing the needs of weed scientists and weed management practitioners. Your creative inputs and active participation will be needed to ensure WSWS's success and relevance in the next 75 years.

Call for Papers and Posters for the 66th Annual Meeting of the WSWS

 by Roger Gast, Program Chair

66th Annual Meeting of the Western Society of Weed Science, Catamaran Resort Hotel • San Diego, CA

As many of you are aware 2013 marks the 75th anniversary of the WSWS founding in 1938. And for that reason our next meeting of the WSWS should prove to be a special occasion, one you won't want to miss.

Now it's once again time to be thinking about a poster display or an oral presentation for the next Annual Meeting of the Western Society of Weed Science. All members are invited to submit paper(s) and/or poster(s) that share the results of their research next March 11-14, 2013 at the Catamaran Resort in sunny San Diego. In addition to the array of high quality weed science research across the western U.S. we also hope to see a lot of papers on locally pertinent topics within the California scene.

As a reminder, the WSWS is unique in the way we organize our meeting. We have five projects where professionals and students can share their research and experience in Agronomic Crops, Horticultural Crops, Weeds of Range and Natural Areas, Basic Biology and Ecology, and in Teaching and Technology Transfer. Oral presentations in these project sessions are limited to 15 minutes – a suggested 12 to 13 minute presentation followed by 2-3 minutes of questions and answers. Poster authors will have an opportunity to personally expand on upon their research during designated poster sessions on Tuesday and Wednesday. Graduate and undergraduate students are very much encouraged to submit presentations in the student paper and poster contests. I personally encourage all of you to consider an oral presentation to ensure we have a well balanced program at the upcoming meeting.

As we've done previously, the WSWS will share with WSSA the electronic title and abstract submission procedures. The title and abstract submission process will begin on October 1, 2012 by entering the WSWS website to register for the meeting. The deadline for submitting titles will be December 1st. Abstracts will need to be uploaded by February 1, 2012. The "cut and paste" method of loading your abstract is a simple procedure and enables the program committee and editors to finalize the conference agenda and its proceedings quickly and efficiently. All title and abstract submissions can be done through our website at www.wsweedscience.org.

We continue to ask WSWS members to consider submitting symposium proposals for future meetings in Colorado Springs in 2014 and in Portland in 2015. Members are encouraged to creatively design and plan currently or regionally relevant topics for future symposia. Refer to the spring 2012 issue of the WSWS Newsletter for instructions to submit symposium proposals.

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Education Public Relations

Call for 2013 Research Progress Reports by Traci Rauch

The WSWS Research Progress Report is published to make significant new weed science research in the West available with the least possible delay. Early dissemination of weed research data is an important aid in formulating recommendations and in planning research. We encourage members of WSWS to submit pertinent new research data for publication in the Research Progress Report.

The Research Progress Report is produced on a very tight schedule. In order to expedite publication, all reports must be submitted in a "camera ready" condition. The report must be prepared according to the specific directions outlined below. Reports that do not strictly adhere to the requirements will be returned to the author. The report will be rejected if there is not time to make the necessary changes.

Each contributor must:

1. Follow instructions carefully and completely.
2. Obtain two additional reviews of each report and have each reviewer print their name at the bottom of the index outline. The two reviewers can be anyone other than the senior author of the report. The two reviews are a requirement for publication.
3. Send the report(s) via e-mail with an index outline for each report. Remember, the report will be printed as received.
4. Adhere strictly to the submission **deadline of January 8, 2013. Send an electronic copy** as a Microsoft Word file (doc or xdoc) or as an Acrobat file (pdf) attached via e-mail to trauch@uidaho.edu. **After submission, a reply will be sent upon receipt of a report. No reply means no report was received.**

Questions? Please contact:

Traci Rauch
208-885-9709
trauch@uidaho.edu

Request For WSWS Fellow and Honorary Member Nominations by Dr. Scott Nissen, 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.

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Publication

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

WSWS Journals Website Online
www.WSSAJournals.org

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, 2012 TO:

Electronic submission preferred.

Dr. Scott Nissen

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Call For Nominations Distinguished Achievement Awards by Jeff Tichota Awards Committee Chair

Everyone knows of some skilled and outstanding weed scientists in the western region who have contributed a great deal over the years and deserve our recognition and appreciation. One way to recognize such persons is to nominate them for a WSWS award. Please take the time and nominate an individual for one of awards listed below.

CRITERIA USED FOR EVALUATING NOMINATIONS

Awards are based on merit and impact on weed science and weed management practices. Applicants **MUST BE** a member of WSWS. Professional achievements and their impacts are the principal criteria for receiving these awards. There is no requirement that an award be given in any or every category. Past winners are not eligible again in the same category. An award may be given each year in both the private and public sectors for Outstanding Weed Scientist and Outstanding Weed Scientist – Early Career. Only one award may be given each year for Weed Manager and Professional Staff. Within the guidelines for each category, there is flexibility to fit the nominee.

I. OUTSTANDING WEED SCIENTIST

This award recognizes outstanding achievements in weed science from individuals in both the public and private sectors. Principle criteria for this award includes innovative or unique approaches that result in learning, ability to clearly communicate ideas, motivation of the intended audience, demonstrate excellence and creativity in research accomplishments, applying results to solve problems in weed science, the impact on weed management practices and principals of weed science, and recognition of accomplishments by peers and intended audiences.

II. OUTSTANDING WEED SCIENTIST – EARLY CAREER

This award is to be given to members in the private and public sectors with no more than 10 years of service after completion of their terminal degree. This award recognizes outstanding achievements in weed science early in the individual career with the same criteria as the outstanding weed scientist above.

III. WEED MANAGER

This award recognizes outstanding and sustained contributions in support of weed science activities. This award is intended for those paid by taxpayers and are working in the public sector, such as employees of state departments of agriculture, weed boards, public land managers, and vegetation management personnel. The nominee must have been involved in

Calendar of Events

65th California Weed
Science Society Conference
January 23-25, 2013
Sacramento, CA
www.cwss.org

Weed Science Society of
America Annual Meeting
February 4-7, 2013
Baltimore, Maryland
<http://www.wssa.net/>

Western Society of Weed
Science Annual Meeting
March 11-14, 2013
San Diego, California
www.wsweedscience.org

the WSWS and weed science for at least five years at the time of nomination.

IV. PROFESSIONAL STAFF

This award recognizes outstanding and sustained contributions in support of weed science activities. Nominees will be restricted to individuals that work under the direction of university, federal, or industry scientists. These individuals may have titles such as researcher, research associate, technician, support scientist, or specialist. The nominee must have been involved in the WSWS and weed science research, extension, or resident education for at least five years at the time of nomination.

NOMINATION DEADLINE: Nominations must be received by December 1, 2012.

NOMINATOR'S RESPONSIBILITY: The nominator will submit a nomination document following the "Instructions for Nomination" guideline. The nominator is responsible for obtaining three letters of support and including them with the nomination package. Unsuccessful nominations will remain active for three years; however, an updated nomination packet of holdover candidates is encouraged.

The nomination package, including the supporting letters, should be sent, by email, to the chair of the Awards Committee by December 1, 2012.

Jeff Tichota
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Student Liaison Report by Cameron Douglass

We've been busy preparing for the upcoming San Diego meeting, and hope to make the 2013 meeting another great one for student members.

Most importantly, we have moved back the deadlines for the WSWS Outstanding Student Scholarship Program. Applications for the scholarship can still be found on the WSWS Student Webpage (http://www.wsweedscience.org/Students/Student_Portal.asp), and are due **October 1, 2012**. Applicants will now be notified by **November 1, 2012** to allow plenty of time for everyone to plan travel before the abstract submission deadline of December 1. If you have any questions on the scholarship application or eligibility feel free to e-mail me (cameron.douglass@colostate.edu).

The WSWS Student Section now has a Facebook page: <https://www.facebook.com/WSWSStudentSection>, or search for "Western Society of Weed Science." We hope to use this for all society communication that is pertinent to student members, so please 'Like' us so we can update you with meeting information and deadlines. Please give us feedback on the page so we can develop it into a useful and informative resource for all WSWS student members. Also, don't forget the Student Site on the WSWS website: http://www.wsweedscience.org/Students/Student_Portal.asp. Everything you need to know about the scholarship program and the upcoming meeting will be posted here too.

Given the success of the Silent Auction at last year's meeting we will be organizing it again this year. If anyone has any items or services that they would be willing to donate we would be very appreciative. Also, if you have a specific contact at a favorite company whose equipment you use frequently please pass that information on to us so we can (politely) solicit donations from them. We are interested in items both for this year's meeting in San Diego, but also next year's in Colorado Springs. As a reminder, the Silent Auction raises money directly for student scholarships, with the hope that soon the event can completely cover the costs of this important program.

Finally, Craig and I would like to thank the members of the Awards Committee for spending some of their valuable time this fall evaluating applicants for the Outstanding Student Scholarship. As always contact Craig (craig.beil@colostate.edu) or myself (cameron.douglass@colostate.edu) with any questions.

See you in sunny San Diego!

Cameron Douglass, Student Section Chair
Craig Beil, Student Section Chair Elect

WSSA Undergraduate Research Award – 2013

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

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

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

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

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

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

Notes From The Business Office by Phil Banks, WSWs Business Manager/Treasurer

We will be opening registration for the 2013 annual meeting in San Diego around October 1, 2012 and I will send out a note to everyone. This year marks 75 years from the founding of the WSWs. The first meeting was held in Denver, Colorado on June 16, 1938. There had been two earlier planning meetings but no papers were published. The organization was called the "Western Area Weed Conference". The organizers passed several resolutions and set down specific objectives for the new organization. The original objectives were not much different than what we have now. At the 1938 meeting, the attendees discussed noxious weed laws, noxious weed seed laws, and the need for federal funding for managing weeds in the western states. Individual dues were \$1.00/yr and Sustaining Membership was \$50.00/yr. If you want to see more of the topics discussed follow this link:

<http://www.wsweedscience.org/Proceedings%20Archive/1938%20Western%20Area%20Weed%20Conference%201938.pdf> All Proceedings of the WSWs are posted at our website.

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 for sale. Bulk orders receive a discount. Call me for the rates. 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) and clicking on "Online Store" located on the left side of the page. You can also order via mail using the form in this newsletter. When you are giving public presentations about weed identification please let your audience know about these resources. If you need to contact the office, please give us a call at 575-527-1888 or e-mail at wsws@marathonag.com.

WASHINGTON REPORT - August 15, 2012 by Lee Van Wychen, Science Policy Director

Differences Between House and Senate Farm Bill Weed Science Issues

The Senate approved its version of the 2012 omnibus farm bill (S. 3240, the Agriculture Reform, Food, and Jobs Act of 2012) by a vote of 64-35 on June 21, 2012. Following that, the House Agriculture Committee conducted markup of its own version of the farm bill (H.R. 6083, the Federal Agriculture Reform and Risk Management Act of 2012) on July 11, 2012, and approved the amended bill by a vote of 35-11. Floor action on the House farm bill is still pending. Below are weed science related policy provisions that differ between the House and Senate versions of the bill.

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

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

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

- a. There is no current law
- b. The Senate did not have any language regarding matching funds
- c. The House has proposed that the recipient of a USDA competitive grant under a covered law that involves applied research or extension and is commodity-specific or state-specific must provide matching funds or in-kind contributions of equal value to the grant.
- d. WSSA strongly opposes this provision in the House Bill.

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

- a. The Plant Protection Act (PPA) governs USDA-APHIS regulation of the introduction and movement of all plant pests, noxious weeds, and plant products capable of harboring plant pests involved in interstate or foreign commerce. The statute governs all "regulated articles" meaning any material or tangible object that could harbor plant pests or noxious weeds. The statute also regulates the introduction into the environment and transportation of any bioengineered plant organism.
- b. The Senate Farm Bill does not make any changes.
- c. The House Farm Bill would amend the PPA to permit any person to petition USDA for a determination that an organism subject to regulation as a plant pest is not a plant pest for purposes of the PPA. USDA would be required to conduct a "plant pest risk assessment" to determine the likelihood that such an organism is a plant pest. USDA would also conduct an "environmental analysis" that would be the sole analysis regarding the effects on the environment of an organism that is the subject of a petition. On the basis of these analyses, USDA would issue a determination within one year that an organism is or is not a plant pest. Should USDA fail to meet the time period for determination, the plant organism shall be deemed not to be a plant pest under the PPA.
- d. WSSA is evaluating the proposed change. APHIS did not propose the change, nor have they have they taken a position on it.

4. Pesticide Registration Improvement Act (PRIA III)

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

- d. The WSSA supports reauthorization of PRIA through 2017

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

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

6. The Specialty Crops Competitiveness Act

- a. Authorized block grants to states to support projects in marketing, research, pest management, and food safety, among other purposes. Current mandatory CCC funding is \$55 million annually (FY2010-FY2012).
- b. The Senate reauthorizes the program through FY2017. Increases mandatory funding to \$70 million annually (FY2013 - FY2017), which would also raise the minimum grant amount received by each state/territory. Of the funds provided, allows for multistate project grants involving food safety, plant pests and disease, crop-specific projects addressing common issues, and any other area as determined by USDA, with increased funding starting at \$1 million (FY2013) to \$5 million (FY2017).
- c. The House version is nearly identical to the Senate bill, except that the House also allows multistate projects for research.
- d. The WSSA supports the House version.

7. Conservation Compliance

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

Supporters of Agriculture Research (SOAR) Launched

Supporters of Agricultural Research (SOAR) is a new non-partisan science-based coalition seeking sound research policies that focus more of our best minds on feeding America and the world. See: www.supportagresearch.org. SOAR was launched with an interactive webcast on July 25 by its four board members, Roger Beachy, William Danforth, Carol Tucker-Foreman, and Don Kennedy. SOAR is working with major research institutions, farmer groups, scientific organizations, and private sector partners who believe a strong competitive grants program will encourage top scientists from multiple disciplines—from botany and biology to energy and engineering—to address the many agriculture-related challenges facing our country today. SOAR believes the time is right to greatly increase funding for competitive grants in the exciting and rapidly expanding world of agricultural research. SOAR is calling on Congress to fully fund the Agriculture and Food Research Initiative (AFRI) at USDA. AFRI is authorized to receive \$700 million per year. But for 2012 it received only \$264 million, even as the cost for projects submitted for funding topped \$4 billion.

Lee Van Wychen, Ph.D.

Science Policy Director

National and Regional Weed Science Societies

5720 Genmullen Place

Alexandria, VA 22303

Lee.VanWychen@wssa.net

Cell: 202-746-4686

www.wssa.net

2nd Annual North American Invasive Plant Ecology and Management Short Course (NAIPSC)

Steve Young, Weed Ecologist

University of Nebraska-Lincoln West Central Research & Extension Center
North Platte, NE

September 6, 2012. The second annual North American Invasive Plant Ecology and Management Short Course (NAIPSC) was held June 26-28, 2012 at the University of Nebraska-Lincoln West Central Research & Extension Center in North Platte, NE. The 31 participants that attended the 2012 NAIPSC included landowners, land managers from several agencies (e.g., NRCS, Nebraska Department of Agriculture, Army Corps of Engineers), and county weed superintendents. The states and provinces represented were from across North America and from as far away as Alaska. The 3-day course advanced participant understanding in many areas of invasive plant ecology and management.

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

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

Over 20 different teaching and learning opportunities were offered during the 3-day NAIPSC. In particular was a presentation on Early Detection and Rapid Response (EDRR) that stressed the importance of early-stage monitoring and identification of invasive plant species. While we may know about invasive plants species, it takes trained professionals, volunteers, and land owners to actively seek out or watch for new invasive species in their area, whether at the local, regional, or national level. It all starts with individuals who are working together.

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

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

NORTH AMERICAN INVASIVE PLANT ECOLOGY AND MANAGEMENT SHORT COURSE 2012-2013 WEBINAR SERIES

August 20, 2012. A new webinar series on topics related to invasive plants is beginning later this month and is being offered by organizers of the NAIPSC. The North American Invasive Plant Ecology and Management Short Course (NAIPSC) is a three day course consisting of intense instruction and learning for those interested in the basics of invasive plant ecology and management. The webinar series will feature speakers conducting research, working on projects, or involved in activities related to invasive plant species. The first webinar will be on integrated management of *Phragmites australis* by Dr. Ryan Rapp from the University of Wyoming. Additional webinars are being planned for 2012-2013 and will cover topics related to biocontrol, increasing stakeholder involvement, large-scale restoration efforts, new invasive plant species, invasive plant genetics, and the latest in plant identification tools.

The webinar series is designed to inform participants who are actively involved in invasive plant management, research, and/or policy and provide an online venue for sharing resources, ideas, and information. Signing up for the webinar series is more than just hearing speakers; participants will also have access to the discussion forum, information and technique updates, and unique networking opportunities. The NAIPSC's Adobe Connect chat room, a real-time online meeting place, will be available to share documents, ideas, and presentations.

The first webinar will take place on Tuesday, August, 28, 2012 at noon (CST). If you participated in the 2011 and 2012 NAIPSC in North Platte, NE, (<http://passel.unl.edu/communities/naipscgradcourse>). If you have not participated in the NAIPSC and would like to view the webinars and join the NAIPSC community, please click (<https://cariregistration.unl.edu/CourseStatus.awp?&course=12NAIPSC0828>) to register. In addition to the NAIPSC community and webinars, paying participants will also have the option of applying their registration fee towards their attendance at the 2013 NAIPSC in North Platte, NE.

For questions, go to the NAIPSC website (<http://ipscourse.unl.edu/>).



65th Annual Conference of the California Weed Science Society

Mark Your Calendar for the 65th Annual Conference of the California Weed Science Society, January 23-25, 2013 Hyatt Regency at Capitol Park, Sacramento, CA, featuring:

- Weed School
- Student Oral Paper and Poster contests
- New research and updates on weed biology and management in CA agricultural crops and orchards, turf & ornamentals, roadside & industrial sites, forestry, range & natural areas, and aquatic sites.
- Laws and Regulations Session
- Annual Weed Photo Competition – Get ready now!

For more information, visit www.cwss.org or call CWSS at (831) 442-0883

BIG HORN COUNTY WEED & PEST DISTRICT POSITION ANNOUNCEMENT

JOB TITLE: Assistant Supervisor

JOB SUMMARY:

Management position. Participates in the planning processes, implements and directs the administration of policies, programs, and facilities maintenance under the supervision of the District Supervisor. Responsibilities include strategic and tactical planning and budgeting and oversight of weed management practices. Represents the District in an official capacity at the national, state, and local levels.

EXPERIENCE AND TRAINING:

Minimum education: Bachelor's Degree in Agriculture, Range Management, or a related field; or an equivalent combination of years of service and experience sufficient to successfully perform the essential duties of the job.

Certificates or licenses: Commercial Pesticide Applicators License; State of Wyoming Weed and Pest Control District Supervisor's Certification as per Wyoming Statutes

Special training or experience: Experience with GIS Systems (Map Info, Arc View or related applications)

Work Experience in Positions Similar or Related to This Job: Seven to twelve months.

The position is open until filled. Please submit a resume and 2 letters of reference to:

Big Horn County Weed & Pest Board of Directors

P.O. Box 567

Greybull, WY 82426

For questions contact Ruth Zeller @ 307-765-2855



Job Vacancy # 24-12:
Area Extension Agent, (Weed Science/Agronomy)
Golden Plains Area
Position is housed in Sedgwick County, Julesburg, CO

The **Golden Plains Area** is a five county partnership between **Phillips, Yuma, Kit Carson, Sedgwick and Washington counties**. Thirteen agents and program associates from 5 offices across the Area deliver diverse programming and work cooperatively with some of Colorado's most progressive agricultural producers and families. Approximately 30,500 people live in the five county Area. The area's population is predominantly white; sixteen percent is of Hispanic background.

APPLICATION PROCESS AND DEADLINE: All materials must be **RECEIVED** no later than **Noon Mountain Time**, September 21, 2012 for full consideration. Please submit the following via e-mail to apply:

- Cover letter
- Statement (no more than 5 pages) of how you meet all the "Required" and "Desired" criteria listed in the Vacancy Announcement
- Resume
- Name, address, telephone, e-mail address, and your relationship to at least four (4) references
- Transcripts of college(s) course work **showing degrees conferred**

E-mail all materials to coopext_personnel@mail.colostate.edu. If you are unable to e-mail your materials, please call 970-491-1617 for alternate delivery methods.

For questions regarding the application process, contact 970-491-7866 or cepersonnel@ext.colostate.edu. For questions regarding the job vacancy and responsibilities, please contact Dennis Kaan, 970-345-2287 or dennis.kaan@colostate.edu.

Application process and additional information may be obtained at our Web site: www.ext.colostate.edu (click on Employment) or by contacting:
Judith A. Barth, Ph.D., Director, Operations/HR
Colorado State University Extension
4040 Campus Delivery, Fort Collins CO 80523-4040
coopext_personnel@mail.colostate.edu
(970) 491-1617

#24-12 Noon Mountain Time 9/21/2012

POSITION ANNOUNCEMENT

Assistant Cooperative Extension Specialist Department of Plant Sciences, University of California, Davis

Assistant Specialist in Cooperative Extension. An 11-month, career-track extension position with 100% Cooperative Extension responsibilities located in the UC Davis Department of Plant Sciences. Candidate will provide statewide research and extension leadership in restoration and conservation of multiple goals in working landscapes, including a focus on both natural (e.g., grasslands, wetlands, woodlands) and managed (e.g., rangeland, agricultural, urban, parks) ecosystems, and their interactions. Focal goals include, but are not limited to: safe and sustainable forage and food production; conservation and restoration of diverse species; enhanced provisioning of fertile soil, pollination, clean air; and control over pests and erosion. Specific research could include improving land management practices, developing site specific restoration and invasive species control guidelines and monitoring restoration progress in an effort to provide diverse plant communities/habitats and stable watersheds that ensure sustainable forage production, provide safe supplies of water, resist pest invasions, aid beneficial insects and support safe sustainable food systems. The candidate is expected to develop a nationally-recognized program, secure extramural funding, and publish research results in appropriate refereed journals and reports. Candidate will interact with diverse clientele groups, provide farm advisor training and advising, and develop an affirmative action program. Candidate will have the opportunity to participate in departmental teaching and in directing undergraduate and graduate research. Requirements include: a Ph.D. in restoration ecology, ecosystem management, rangeland ecology, plant ecology, plant biology, plant science, weed science, soil ecology, or a closely related field; leadership ability, management and communication skills; ability to conduct independent research must be demonstrated.

Candidates should begin the application process by registering online at <http://recruitments.plantsciences.ucdavis.edu/>

Please include statements of research and extension interests, *curriculum vitae*, publication list, copies of 3 of your most important research publications, copies of undergraduate and graduate transcripts (if within 5 years of either degree), and the names, e-mail addresses, and telephone numbers of at least five professional references. For administrative questions regarding the application process, please email Ms. Baljit Nijjar bknijjar@ucdavis.edu. Review of the applications for this position will begin November 1, 2012. The position will remain open until filled.

Arizona Pest Management Center

POSITION ANNOUNCEMENT

Job Title: Assistant in Extension, Community Integrated Pest Management

Job #: 50816

Employer: University of Arizona, Arizona Pest Management Center (APMC)

Position Status: This full-time (12 month, 100% Extension) position is a year-to-year academic professional appointment in CALS stationed at the Maricopa Agricultural Center in Maricopa, AZ. This position depends, in part, on competitive grant funds. The IPM Assistant in Extension will be directed by the Community IPM Leadership Team (a 7- member team of the APMC) and directly supervised by Dr. Dawn Gouge. Salary is commensurate with experience. Position open until filled.

Background Information: IPM Extension programs at the University of Arizona are organized within the Arizona Pest Management Center (APMC). The APMC maintains focused efforts in Community IPM programs (turf, horticulture, and structural IPM including schools, public housing, and municipalities), Agricultural IPM, IPM Assessment, Pest Detection and Diagnostics, and Pesticide Education. We deploy dynamic Assistants in Extension in these areas to assist in applied research, and help develop, and deliver educational programs to clientele.

Position Summary: This dynamic position will work with an interdisciplinary team of Extension and research faculty from across the College of Agriculture and Life Sciences (CALs) to develop and implement priority Extension programs for Community Integrated Pest Management (IPM) on a statewide basis. The Assistant in Extension will conduct applied research in support of Extension efforts, including lab and field research on bed bugs, venomous arthropods and other

key pests. They will plan, coordinate, manage, implement, and evaluate Community IPM programs in cooperation with faculty and with the guidance of the Community IPM Leadership Team. Specific activities may include planning and coordinating training events, developing Extension publications and other outputs, coordinating and assisting with laboratory and field research, teaching, and working with clientele and other stakeholder groups to identify program priorities and evaluate program impacts. Clientele focus will include school and parks personnel, turf and landscape managers, public housing, homeowners, Master Gardeners and others. A successful candidate will be eager to expand their knowledge about community IPM and to help develop and implement a shared (team) vision for community IPM programs. This person enjoys teamwork and will serve as a catalyst to maximize community IPM program outputs. Must have the capacity and interest to learn and integrate new information into outreach program outputs (presentations, publications, etc.). Must excel in written and oral communication, be well organized, able to prioritize, plan and manage multiple tasks and projects.

Position Qualifications

Required: Minimum of Bachelor's degree in Entomology, Plant Pathology, Weed Science, Pest Management, Horticulture, or related field plus 2 years experience with Extension programming or similar programs. Experience in lab and / or field research. Ability to teach and communicate in a manner appropriate for comprehension and use by a wide variety of diverse audiences; write for clear comprehension by both program clients and academicians; and collaborate productively with peers and professionals both within and outside the University system. Ability to work independently, to interact effectively and directly with stakeholders and team members, and to travel throughout the state and region. Ability to proactively participate in efforts to secure grant funding, and to respond to changes in the competitive climate of grant-funding. Possession of a valid driver's license upon employment. Proficiency in use of computers and related technology, including but not limited to word processing, Powerpoint, Excel, desktop publishing software.

Preferred: Master's degree in Entomology, Plant Pathology, Weed Science, IPM, Horticulture or related field and 2 or more years of experience with Extension programming or similar programs. Broad interests in IPM and work with Cooperative Extension, with skills, knowledge and education, and/or experience in teamwork, written and oral communication, problem-solving research, program / project management, grantsmanship, stakeholder interaction, program assessment and leadership.

Application Procedure

Apply on-line at: www.uacareertrack.com. Position #50816. Also, email resume/c.v. along with a letter of interest and writing sample to the search committee chair: Dr. Dawn Gouge, dhgouge@ag.arizona.edu.

As an equal opportunity and affirmative action employer, the University of Arizona recognizes the power of a diverse community and encourages applications from individuals with varied experiences and backgrounds. The University of Arizona is an EEO/AA - M/W/D/V Employer.

Oklahoma State University

POSITION ANNOUNCEMENT

POSITION TITLE: Assistant Professor, Weed Science Extension Specialist

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

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

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

QUALIFICATIONS: Minimum qualifications include: i) Ph.D. in Weed Science or closely related field with major emphasis on weed management in row crops and/or small grains, ii) evidence of ability to communicate orally and in writing, iii) ability to work effectively in a team environment with Extension and agribusiness personnel, iv) ability to develop proposals to seek outside funding for program support, v) ability to effectively instruct undergraduate and graduate students, and vi) skills regarding the effective use of electronic media in education and communication of technical information. Preferred qualifications include: i) previous experience in Extension and/or outreach activities, ii) teaching experience, and iii) evidence of the ability to publish and secure extramural funding.

SALARY AND BENEFITS: Will be competitive with other leading land grant universities and commensurate with training and experience. Continuation of this position is subject to performance, need, and available funding.

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

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

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

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

2012 Noxious Weed Short Course Update by Sandra McDonald

The 2012 Western Society of Weed Science Noxious Weed Short Course was held at the Sylvan Dale Guest Ranch in Loveland, Colorado last April. Sylvan Dale is a 3200-acre historic working horse and cattle ranch nestled along the banks of Colorado's beautiful Big Thompson River in the foothills near Rocky Mountain National Park and Estes Park.

Participants arrived on Monday afternoon and the Short Course began with registration and a pre-test. Monday evening participants joined instructors for a "Twilight Weed Walk." Tuesday was a full day of sessions with a group picnic and "Wacky Weed Games" in the evening. Wednesday was another full day session. The Short Course concluded on Thursday afternoon with groups developing invasive weed management plans for Sylvan Dale Guest Ranch and a post-test.

The 2012 course stressed ecologically-based invasive plant management and included interactive sessions on monitoring and assessment, prevention, cultural, mechanical and chemical plant management. A variety of training techniques were utilized including classroom participatory lectures, hands-on demonstrations, field plots, live weed and herbicide symptomology specimens, facilitated discussions, small group projects, educational games, and time for individual interaction with instructors. One trainer even participated remotely!

A Pre-Course Survey was sent to the participants after they registered to help determine some of the sessions. This allowed the instructors to tailor sessions to the interests of the participants. Based on the results we developed sessions specifically about:

- Monitoring
- Restoration of highly disturbed areas
- Weed Management Issues on Federal Lands

Comments from 2012 Short Course Participants:

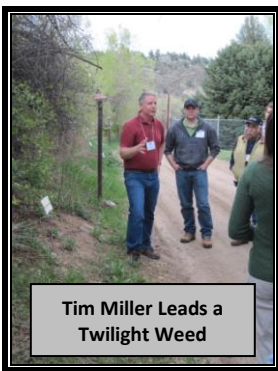
"Training was excellent; great discussion and trainers", "I would highly recommend it to other people" "What a great experience! Excellent! I liked the way you tried to facilitate to all people's weed species and not just Colorado", "The training was geared towards all applicators and very informing", and "I really enjoyed the activities like the 'wacky weed games.'"

Comments from 2012 Short Course Trainers:

"One should really not have this much fun at work!"

Participants came from four states – Colorado, North Dakota, Washington, and Wyoming. And represented nine organization categories – County Weed Programs, US Forest Service, State Weed Programs, University Extension, Bureau of Land Management, Private Consultants, Department of Defense, and State Department of Transportation. Pesticide continuing education units (CEUs) were sought and received for sessions meeting the state's requirements in Colorado, Washington, and Wyoming.

The 2013 Short Course is currently being planned and is scheduled for April 15-18. The format will remain similar to the 2012 Short Course. To register or for further information please visit www.wsweedsience.org/shortcourse/shortcourse.asp or contact Sandra McDonald at 970-266-9573 or Sandra@MountainWestPEST.com. You can also follow us on Facebook.



Tim Miller Leads a Twilight Weed



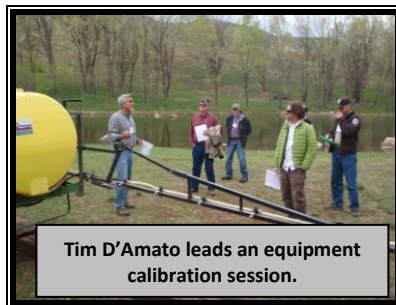
George Beck Leads a Classroom Discussion on Weed Management.



Scott Nissen Coaches a Participant on Using Herbicide Ballistic Technology.



Scott Nissen & Terri Schultz, TNC, leading the participants through the Restoration/Vegetation Plots.



Tim D'Amato leads an equipment calibration session.



The Winner of the PPE Relay.



2012 WSWS Noxious Weed Short Course Participants & Trainers.

