



Western Society of Weed Science Newsletter

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Spring 2012

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Report from the President by Kai Umeda

The Annual Meeting of the WSWS in Reno at the Peppermill Resort was successful again because of the hard work by all of its volunteer members. Research efforts were described in the five Projects where there were 84 oral presentations and 79 posters. There were 18 papers and 15 posters (including 4 undergraduates) given by students in the paper/poster competitions. Joe Yenish, Research Section Chairman with Project Chairmen Chad Asmus, Lars Baker, Hank Mager, Bill McCloskey, and Gustavo Sbatella saw to it that the sessions were on-time and conducted stimulating discussions. Tim Prather, Education and Regulatory Section

Chairman conducted an informative session on communicating and measuring Impacts. An expansion of the Horticulture Crops Project featured a symposium on Tree and Vine Weed Control organized by Monica Sorribas and Rick Mann. Ian Burke, Cini Brown, and Jane Mangold organized and conducted an informative and well-attended symposium about the Ecology and Management of Downy Brome in the West. Trusty Charlie Hicks organized and had a packed room as usual for the "What's New in Industry" session. In the opening general session, Robert Norris gave perspectives about WSWS history and its geographic breadth, Bob Zimdahl offered a provocative Ethical Challenge, and the newest WSWS Fellow, Lars Anderson described a Lake Tahoe aquatic weed management collaboration for local flavor. Student Liaisons Mike Ostlie and Cameron Douglass worked diligently throughout the year to develop and implement new and improved activities for all students as well as organizing the popular Student Night Out. Tim Miller, Presidential Award of Merit recipient, completed 3 years of dedicated service as WSSA Representative and as he was described as an "octopus with tentacles everywhere", Tim was a troubleshooter prior to the general session. Dependable Phil Banks and his assistant Ed Morris ensured that all preparations and carrying out the logistics of the meetings proceeded without a hitch. I want to offer everyone a sincere thank you for making the program educational, meaningful, and successful.

As the details are wrapped up to close out the 64th Meeting, Member-at-Large Bob Stougaard and I look forward to continuing the efforts of Past-President Vanelle Peterson and past Member-at-Large Pete Forster to survey our membership and to determine fruitful ways to grow WSWS into the future.

A critical area where we seem to fall short is to effectively and broadly communicate what WSWS does and how good it is in doing all that it accomplishes. In order to continue to be relevant and successful in our western states, we must improve marketing ourselves to those who appreciate and appeal for our talents and expertise. During this year, we will see how we can make the Public Relations Committee more effective.

In the general session, Bob Zimdahl offered a challenge for WSWS to explore developing an ethics statement. In honoring our past and to boldly move forward into the future with our student members and young scientists, WSWS can continue to be creative and innovative with high caliber respected weed scientists leading the way.

As all of us prepare and start a new season, let's plan to share the findings of our research and education efforts next year. Many early stage field experiments can be summarized for the WSWS Research Progress Report. Its content has been in decline in recent years so it would be a good opportunity to compile and submit preliminary data to revitalize the annual Progress Report.

The coming year will have a plateful of activities and issues for the Board of Directors and the standing committees to ponder and to be engaged with each of you WSWS members. We look forward to the challenges and will appreciate your individual contributions. Let's all begin preparing for 2013 in San Diego!

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Necrology

WSWS 2012 Fellow Awards by Celestine Duncan

Fellows of the Society are members who have given meritorious service in weed science, and who are elected by two-thirds majority of the Board of Directors. Jodi Holt and Lars Anderson were elected as Fellows of the WSWS for 2012.



Jodi Holt

Dr. Jodi Holt is a professor of plant physiology and the chair of the Department of Botany and Plant Sciences at University of California, Riverside. She has been a professor of plant physiology with research and teaching responsibility since 1982 at UC Riverside, and department chair since 2003. Her many contributions to Weed Science range from herbicide resistance research, to modeling temperature and moisture-based weed emergence and development, to studying the biology and management of invasive weed species. Jodi has been an active and important member of the Western Society of Weed Science and Weed Science Society of

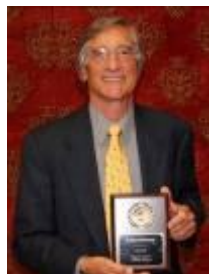
America.

In the WSWS,

Through her career to date, Dr. Holt authored or co-authored over 36 technical refereed journal publications and eight book chapters including a co-authoring a well-respected book, *Ecology of Weeds and Invasive Plants: Relationship to Agriculture and Natural Resource Management*. She has also authored or co-authored over 55 semi-technical publication, special reports, and proceedings pertaining to invasive plant science issues. She made more than 69 presentations or posters as an invited speaker or contributor at the WSWS meeting and other weed science related professional meetings, and served on numerous committees in WSWS and WSSA. Dr. Holt also served as a consultant and expert on Pandora's vegetation in James Cameron's *Avatar* movie.

Dr. Holt has been a mentor to many graduate students over the years and has served as major professor for 16 graduate students. Several of these have been in collaboration with weed scientists at other universities in addition with faculty at UC Riverside.

Her numerous awards and recognitions include: Outstanding paper published in *Weed Science* (1992 and 2000); Fellow WSSA (2000), Fellow AAAS (2006), UC Riverside Distinguished Teaching award (2009), and WSSA Outstanding Research award (2010).



Lars Anderson

Dr. Lars Anderson retired in January 2012 from his position as lead scientist and director of the USDA Agricultural Research Service (ARS) Exotic and Invasive Weed Research Unit in Davis, California. Dr. Anderson received his Ph.D. from the University of California, Santa Barbara in 1974 and worked for 37 years on basic and applied research on the biology and management of invasive aquatic weeds. His work experience included two years with the US Environmental Protection Service and 35 years with the USDA-ARS. During his career he developed basic physiological and ecological information directly related to improving control and eradication of invasive aquatic plants with chemical and

non-chemical methods. In addition to his research program he also developed a strong outreach and education program.

In the WSWS,

Dr. Anderson has been an active member of the Western Society of Weed Science and California Invasive Plant Council, and served as president of the Western Aquatic Plant Management Society, Aquatic Plant Management Society, and the California Weed Science Society. During his career he published over 70 peer-reviewed publications and 35 peer-reviewed technical reports and popular articles. Dr. Anderson led an expansion of the WSWS Aquatic Section which eventually evolved to the Western Aquatic Plant Management Society in 1985, of which he was a co-founder. He has been actively involved in policy and political issues with regard to invasive aquatic species.

Dr. Anderson served as a graduate advisor for 12 students (both MS and Ph.D.). He is currently President of Board of Trustees for the Explicit Science Center.

Dr. Anderson has received numerous awards and recognitions including the USDA Unit Distinguished Service Award and the California Weed Science Society Award of Excellence.

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Education Public Relations

2012 Annual Meeting Awards by Jill Schroeder



OUTSTANDING WEED SCIENTIST – PRIVATE SECTOR: **Brett Oemichen**, Dow AgroSciences (retired), Port Ludlow, Washington (Pictured with Vanelle Peterson, Past-President WSWS).

OUTSTANDING WEED SCIENTIST - EARLY CAREER, PUBLIC SECTOR: **Andrew Kniss**, Assistant Professor, University of Wyoming, Laramie (Pictured with Vanelle Peterson, Past-President WSWS).



WEED MANAGER: **Jerry Asher** (Awarded posthumously; accept by Mrs. Cathy Asher), Bureau of Land Management-National Weed Team, Portland, Oregon. (Pictured with Jill Schroeder, Awards Committee Chair, Cathy Asher, Julie Lipelt, and Vanelle Peterson, Past-President WSWS.)

PROFESSIONAL STAFF: **James Sebastian**, Research Associate in Weed Science, Colorado State University, Fort Collins. (Pictured with Vanelle Peterson, Past-President WSWS).



PRESIDENTIAL AWARD OF MERIT: **Tim Miller**, Washington State University, Mount Vernon, Washington (Pictured with Vanelle Peterson, Past-President WSWS).

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Student Liaison Report by Cameron Douglass

Student attendance at the Reno meeting was almost as high as last year, which was a record high. I'd like to congratulate all of the students who attended the meeting for their excellent work. In particular, I'd like to acknowledge those students who were selected as winners of the scholarship contest, and the oral paper and poster competitions.

All of us students would like to express our sincere appreciation for society members that participated in the first ever silent auction event, both those who donated items and those who bid. The event was very successful, and in combination with an additional - especially generous - donation from Monsanto, we were able to raise \$1,200 that will directly support future student scholarships.

Thank you to all of the society members who took part in the student night out event, which was very well attended and enjoyed by all. It's important to also acknowledge the continuing support of industry sponsors whose generosity allows us to hold our student business luncheon as well as other important networking events during the annual meeting.

Thank you to Mike Ostlie (now fully employed at North Dakota State University - congratulations!) for serving as the Student Liaison Chair this past year. Welcome to Craig Beil of Colorado State University who was elected the new Student Liaison Chair-Elect. Over the next year Craig and I will be working on a number of issues, including facilitating increased opportunities for student participation in the WWS, and ensuring that there is sustainable funding for student scholarships and awards.

Students - Don't forget about the travel reimbursement. Students who attended the Reno meeting are eligible to receive \$25/night for up to three nights. To receive this, the student advisor should contact Phil Banks with their names, the names of their students, and the address to send a refund.

Craig (craig.beil@colostate.edu) and I (cameron.douglass@colostate.edu) welcome any suggestions and comments that members have regarding the student events at the annual meeting, or anything else that's on your mind.

2012 Student Awards by Jamshid Ashigh

Student Scholarship Recipients:

Ann Bernert, Oregon State University
Marcelo Moretti, University of California, Davis
Rachel Brownsey, University of California, Davis



Student Paper Contest Winners:

Range & Agriculture



1st Krista Ehlert, Montana State University
2nd Brandon Greet, University of Wyoming
3rd Holden Hergert, University of Wyoming

Biology



1st Andrew Wiersma, Colorado State University
2nd Mohsen Mohseni-Moghadam, New Mexico State University(not pictured)

Publication

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

WSWS Journals Website
Online

www.WSSAJournals.org

Calendar of Events

VIth International Weed
Science Congress (IWSC)

June 17-22, 2012

Hangzhou, China

<http://www.iwss.info/>

The 2nd Annual North
American Invasive Plant
Ecology and Management
Short Course

June 26-28, 2012

University of Nebraska –
Lincoln West Central
Research & Extension
Center

North Platte, Nebraska
<http://ipscourse.unl.edu>

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

Student Poster Contest Winners:

Agriculture	Range, Horticulture, & Biology
	
1 st . Louise Lorent, University of Wyoming 2 nd . Aman Anand North Dakota State University	1 st . Holden J. Hergert University of Wyoming 2 nd . Heather Elwood Utah State University

Undergraduate



1st. Ann Bernert, Oregon State University

Notes From The Business Office

 by Phil Banks, WSWs Business
Manager/Treasurer

If you did not attend the past meeting in Reno, NV and have not done so already, you should renew your WSWs membership for 2012. You can do this by logging in to your contact page at the website (www.wsweedscience.org) and scrolling to the bottom of the page. You can also renew by just sending me a check for \$30.00 along with your name and current contact information. 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 on this 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 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 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.

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

Call for Symposia Titles for the 66th Annual Meeting of the WSWS

by Roger Gast

WSWS members are invited to submit proposals for symposia at the 66th Annual Meeting to be held at the Catamaran Resort Hotel in San Diego, CA on March 11-14, 2013. The WSWS program committee will receive proposals, and then evaluate all of the proposed symposia based on 1) how well they are justified, 2) the target audience, 3) the completeness of the agenda, and 4) 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 Catamaran Resort Hotel room rates in San Diego will be \$147 plus tax. Please use the WSWS ANNUAL MEETING SYMPOSIUM PROPOSAL FORM (see below). Symposium proposals can be e-mailed directly to Roger Gast (regast@dow.com) and are due June 15, 2012. Proposals for future meetings beyond the 2013 San Diego meeting are encouraged.

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. Topics that are relevant for a local audience are encouraged so that WSWS can reach out to end users with knowledge and technology. 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 symposium submission. If you have any questions, don't hesitate to call. Roger Gast President-elect and Program Chairperson, (317) 337-3004

WSWS ANNUAL MEETING SYMPOSIUM PROPOSAL FORM

Deadline for submission is June 15, 2012

Date Submitted:

Proposed Year of Symposium:

Title:

Organizers:

Contact Person:

Phone:

Email:

Justification and Objectives (no more than 300 words):

Target Audience:

Associated WSWS Project(s):

Length of Proposed Symposium:

Proposed Titles and Speakers (tentative agenda):

Tentative Budget:

Please specify details for speaker travel and lodging, symposium food and beverage costs, advertising, etc. as opposed to submitting an overall amount. Also indicate possibilities for soliciting funds outside WSWS to support the symposium. The more detailed the budget, the better the program committee and Board of Directors can evaluate the proposal. Up to \$2,000 **may** be allocated by WSWS to fund the symposium. E-mail to: Roger Gast (regast@dow.com)

2012 NORTH AMERICAN INVASIVE PLANT ECOLOGY AND MANAGEMENT SHORT COURSE

January 31, 2012. A new feature, "Interviews with NAIPSC", has been added to the North American Invasive Plant Ecology and Management Short Course (NAIPSC) website (<http://ipscourse.unl.edu>). The NAIPSC has been conducting interviews with individuals who are familiar (or not so familiar) with invasive plants. Read about some of the NAIPSC instructors and their thoughts on invasive plants and similar topics. The first interview is with Steve Young, organizer, moderator, and an instructor for the NAIPSC, who shares his thinking behind the development of the NAIPSC and what makes an outstanding course. Be sure to check back regularly or follow the NAIPSC on Facebook or Twitter. The second annual NAIPSC will be held June 26-28, 2012 at the University of Nebraska-Lincoln West Central Research & Extension Center in North Platte, NE.



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