



PRESIDENT'S MESSAGE

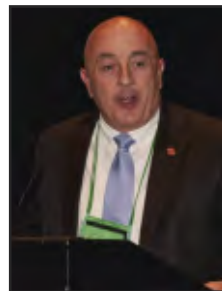
Thanks to everyone who helped make the 57th annual meeting of our society in Tucson, Arizona a tremendous success. We had approximately 500 registered attendees, including 112 students, and 350 posters and oral presentations. We began our meeting with the general session and awards presentations which included a warm welcome address and great speech on Arizona's amazing and diverse agriculture production and landscape from Dr. Jeffrey Silvertooth, Professor, Associate Dean and Director of Economic Development and Extension at University of Arizona. An additional thoughtful and provoking presentation on the Future of Extension was given by Dr. Rich Bonanno, the Associate Dean of NC State University's College of Agriculture and Director of North Carolina's Cooperative Extension Service. Dr. Kevin Bradley made a presentation to Joyce Lancaster on behalf of the WSSA in appreciation of her amazing contributions and 18 years of outstanding service to the Society as our Executive Director. We will really miss Joyce and wish her the very best in her retirement. The general session continued with Dr. Dwight Lingenfelter presiding over the Awards program. Congratulations to all award and honoree recipients ([WSSA Awards Ceremony](#)). Thanks for your inspiration and contributions to WSSA.

Our meeting included three outstanding symposia held throughout the course of the week. The first symposium was organized by Dr. John Madsen on "Contributions of USDA, ARS Areawide Projects in Weed Science Research and Practice." Dr. Bryan Young organized the second symposium, "Understanding and Reducing the Impact of Herbicide Off-Site Movement." The final symposium was titled "Precision Agriculture and Weed Science" and was organized by Dr. Krishna Reddy. We also had an outstanding workshop, "Teach-

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Jeff Silvertooth



Rich Bonanno

CHECK OUT ANNUAL
MEETING PHOTOS!
(inside on pages 8-11)

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PRESIDENT'S MESSAGE CONTINUED from pg 1

ing Undergraduate Weed Science: Strategies to Improve Learning," organized by Dr. Tom Mueller and Dr. Anita Dille and special session "Navigating the New Landscape of Federal Funding" organized by Dr. Jim Westwood and Dr. Donn Shilling. The graduate students held a professional development workshop titled "Utilizing Online Resources for the Development of a Professional Web Presence."

The graduate student poster and oral presentation contests were a huge success with 28 posters and 43 oral presentations in the contest. Congratulations to all of the [contest winners](#), and to all the students for their participation. Many thanks to Dr. Darrin Dodds, Dr. Jonathan Huff, and the many judges for all the extra efforts to help with the contest.

As is the case each year, these meetings don't happen without the efforts of the many volunteers that put in a lot of hard work behind the scenes. I want to especially thank our Local Arrangements Co-Chairs, Dr. Bill McCloskey and Dr. Kai Umeda, Dr. Tony Ballard, our meeting manager, Joyce Lancaster, our Executive Secretary, and all of our section chairs and moderators for their planning and work to ensure a successful meeting. Next year's meeting will be held outside of our nation's capital at the Crystal Gateway Marriott in Arlington, Virginia and the program chair and President-Elect is Dr. Scott Senseman. Scott has received several excellent symposia proposals and they will be reviewed by the Board during the Summer Board meeting.

2017 is an exciting year of change for the WSSA. Special thanks to Dr. Sarah Ward and the publication committee and Cambridge University Press for your outstanding work to ensure a smooth transition for our journals. We are excited to welcome our new WSSA Newsletter Editor Carl Libbey. Carl recently retired from Washington State University and has extensive weed science expertise. He also currently serves as the newsletter editor for WSWS.

WSSA is pleased to welcome Eric Gustafson with Interactive Management Inc. (IMI), as the new Executive Director of the WSSA. Eric has a background in agriculture, having lived in Ag communities in Colorado most of his life; as well as a family history in agriculture. He is a graduate of Colorado State University with a degree in Horticulture Business, and has been employed in Association Management as well as Golf Course Maintenance. IMI has been providing association management services since 1973 and is one of a select few organizations that has been accredited since 2002 by the AMC Institute Accreditation program. IMI's headquarters are in Westminster, Colorado. We are excited for the opportunity to work with Eric and IMI and we look forward to a great future working together to continue to progress the mission of the WSSA.

In addition to the many changes, we are thankful for the continued great work of Dr. Lee Van Wychen, our Director of Policy. Lee continues to work around the clock on behalf of the WSSA and the Regional Societies. Thanks also to Dr. Donn Shilling for his excellent progress serving as our USDA-NIFA fellow. Dr. Mike Barrett is completing his final term serving as the WSSA liaison to EPA and he has done an outstanding job as the key contact and subject matter expert to EPA. The process to select the next WSSA liaison is underway. Special thanks to all of the WSSA members who led and contributed to the seven regional Resistance Listening Sessions. Your leadership is greatly appreciated and we look forward to the continued success of this initiative. It is an honor to have the opportunity to serve as your President. Please feel free to contact me, Eric or anyone on the WSSA Board if you are interested in volunteering on any of the committees and/or to provide suggestions and ideas to help the progress of our WSSA Mission.

Janis McFarland
President, WSSA

WSSA FUTURE MEETING SITES AND DATES

Jan. 29–Feb. 1, 2018
58th Annual Meeting
Crystal Gateway Marriott
Arlington, Virginia
Scott Senseman, Chair
Email: ssensema@utk.edu
Phone: 865-974-8033

WSSA HOME PAGE
ACCESSED AT:
www.wssa.net

THINK NEWSLETTER
Deadline for October issue
September 1, 2017

SEND NEWSLETTER
MATERIAL TO:
Carl Libbey
225 S. 10th Street
Mount Vernon, WA 98274
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WASHINGTON REPORT

by Lee Van Wychen, Director of Science Policy

PERDUE CONFIRMED AS SECRETARY OF AGRICULTURE



Sonny Perdue was confirmed as the 31st Secretary of Agriculture by the Senate on April 24, 2017 by a vote of 87–11. The Senate Agriculture Committee approved Sonny Perdue’s nomination by a voice vote on March 30, 2017. Perdue, 70, was born and raised on a diversified row crop and dairy operation in central Georgia and earned a doctorate in veterinary medicine from the University of Georgia in 1971. Following a brief tenure as a practicing veterinarian, Perdue started two businesses from the ground up, concentrating in agribusiness and transportation. Perdue also served two terms as Georgia’s governor from 2003–2011. Perdue is only the third Secretary of Agriculture out of 31 to actually have lived and worked in agriculture during their adult career. More on Secretary Perdue at: <https://www.usda.gov/our-agency/about-usda/our-secretary>

PRUITT CONFIRMED AS EPA ADMINISTRATOR



The Senate confirmed Scott Pruitt as the 14th Administrator of the U.S. EPA by a vote of 52–46 on Feb. 17, 2017. The 49 year old Pruitt was born and raised in Kentucky where he graduated from Georgetown College in 1990. After that, he moved to Oklahoma where he earned his law degree at the University of Tulsa specializing in constitutional law. Most recently, Pruitt served as the Attorney General for Okla-

homa. More on Administrator Pruitt at: <https://www.epa.gov/aboutepa/epas-administrator>

ZINKE CONFIRMED AS SECRETARY OF INTERIOR



Ryan Zinke was confirmed as the 52nd Secretary of the Interior by the Senate on March 1, 2017 by a vote of 68–31. The native Montanan served 23 years as a U.S. Navy Seal officer, retiring in 2008. He has a B.S. in Geology from the University of Oregon, a Masters in Business Finance from National University, and a Masters in Global Leadership from the University of San Diego. During his confirmation hearings, Zinke said he would take a “multi-use approach” to federal land management on the more than 500 million acres of public land managed by the Department of Interior. He also vowed to clear the estimated \$12

billion backlog in maintenance and repair at national parks. More on Secretary Zinke at: <https://www.doi.gov/press/releases/ryan-zinke-sworn-52nd-secretary-interior>

CONGRESS APPROVES FY 2017 FUNDING: PRESIDENT PROPOSES FY 2018 BUDGET

On May 1, Congress reached an agreement on funding the government at updated levels through September 30, 2017. The government had been operating on a series of continuing resolutions for the first seven months of FY 2017. For USDA’s National Institute of Food and Agriculture (NIFA), most accounts were funded at the same level as FY 2016 with the exception being the Agriculture and Food Research Initiative (AFRI), which received a \$25 million increase from \$350 million to \$375 million. Funding for USDA-APHIS was increased \$52 million over FY 2016 to \$946 million and funding for USDA-

CONTINUED on pg 4 >>

Selected USDA Discretionary Appropriations Accounts

PROGRAM	2014	2015	2016	2017 Omnibus	2018 President
(Millions of Dollars)					
NIFA	1277	1289	1326	1362	1252.7
Hatch Act	244	244	244	244	243.2
Smith-Lever 3(b) & (c)	300	300	300	300	299.4
AFRI competitive grants	316	325	350	375	349.3
IR-4	11.9	11.9	11.9	11.9	11.9
Crop Protection & Pest Mang't	17.2	17.2	17.2	20.0	14.0
ARS	1122	1132	1143	1170	993
ERS	78	85	86	86	76
NASS	161	172	168	171	185
APHIS	821	871	894	946	810
NRCS	812	846	850	864	766

ARS was increased \$27 million over to \$1.17 billion.

On May 23, the President released his FY 2018 “skinny” budget, which proposed an overall cut of 21 percent to USDA. Most programs in USDA’s Research, Education, and Economics mission area did not fare as badly with NIFA facing an 8 percent cut, the Economic Research Service (ERS) an 11 percent cut, and ARS a 15 percent cut. The National Agricultural Statistics Service (NASS) is proposed for a \$14 million increase to conduct the 2017 Census of Agriculture. The Administration did propose to maintain level funding for a couple of the land grant capacity programs (Hatch Act, Smith-Lever 3(b) & (c)), as well as IR-4. Details of the President’s FY 2018 budget proposal can be found [here](#).

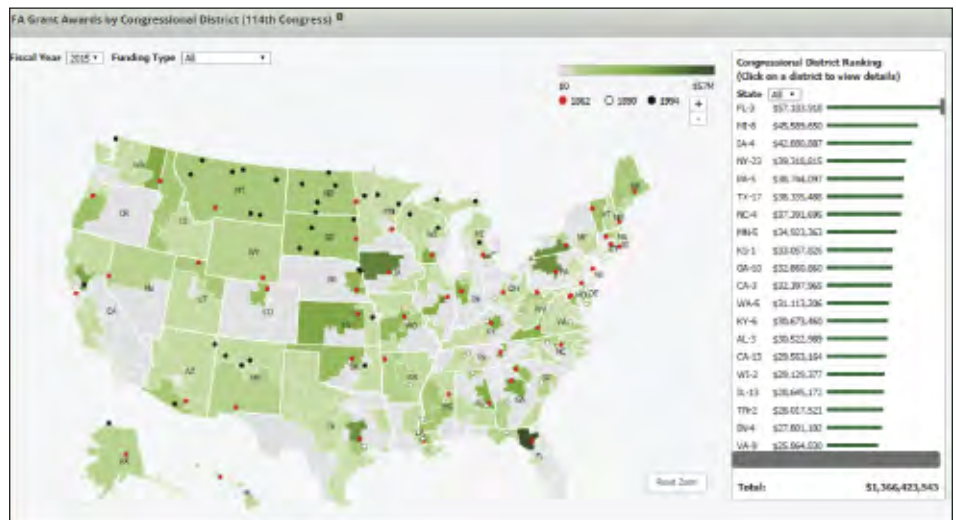
It is important to remember that this is the Administration’s budget “proposal” and over the next several months members of Congress will work to develop the final FY 2018 appropriations bills. It will be important that Congress hears from the stakeholders of these various agricultural research, education, extension, and natural resources programs.

\$44 MILLION AVAILABLE FOR AFRI PLANT HEALTH, PRODUCTION AND PLANT PROGRAMS

The USDA-NIFA Agriculture and Food Research Initiative (AFRI) Foundational Grants program is currently requesting applications for up to \$44 million available for its Plant Health, Production and Plant Programs.

<https://nifa.usda.gov/afri-request-applications>

NOTE: If you downloaded the application package for the AFRI Foundational Grants program from www.grants.gov before May 22, 2017, you must download and use the new application package.



USDA-NIFA RELEASES STUDY ON THE VALUE OF CAPACITY PROGRAMS

The USDA National Institute of Food and Agriculture (NIFA) released a new report that measured the effectiveness of NIFA’s investments in capacity programs. The report entitled, “National Evaluation of Capacity Programs,” found that capacity funding remains a relevant program that offers multiple benefits. Investments respond to the specific needs of local, regional, and state agricultural producers. Capacity funds offer an essential funding stream for research and extension programs of relevance to producers that are unlikely to receive national-scale attention. Each dollar of capacity funding leverages \$1.85 in additional investments from state, local, and private sector sources.

NIFA commissioned the study to determine whether funding based on 100-year-old legislation is still a suitable model to support 21st century university needs. The results of the study will be helpful in defending the federal investment in capacity programs such as Hatch and Smith Lever as budget constraints lead to discussions about potential cuts to the USDA budget.

MAP OF USDA-NIFA GRANT AWARDS BY CONGRESSIONAL DISTRICT AVAILABLE

A new, interactive map from USDA’s National Institute of Food and Agriculture (NIFA) shows both competitive and capacity grant awards to the 1862, 1890, and 1994 land grant institutions. The Congressional district map is based on the 114th Congress (2015–16) and shows awards for each year from FY 2011 through FY 2016. Top of the list in FY 2016 was NC-4, home to North Carolina State University, which received \$23.7 million in capacity grants and \$22.7 million in competitive grants. See:

<https://portal.nifa.usda.gov/web/maps/nifa-funding-by-congressional-district/>

The above map is part of USDA’s Research, Education, and Economics Information System (REEIS), <https://re eis.usda.gov/>. The website is an excellent source of information on the research, education, and extension programs funded by USDA and includes many other types of state and national reports, trends, rankings and maps.

DAVIS AND PANETTA LAUNCH HOUSE AG RESEARCH CAUCUS

House Agriculture Committee mem-

bers Jimmy Panetta (D-CA) and Rodney Davis (R-IL) have launched the Congressional Agriculture Research Caucus to promote research needs in advance of the 2018 farm bill. Davis and Panetta are both members of the House Ag Subcommittee on Biotechnology, Horticulture and Research, with Davis serving as Chair.

HOUSE AG SUBCOMMITTEE FOCUSES ON AG RESEARCH IN THE NEXT FARM BILL

On March 16, the House Agriculture Subcommittee on Biotechnology, Horticulture, and Research held a hearing titled "The Next Farm Bill: Agricultural Research." The subcommittee heard testimony from three witnesses who spoke about the need to support competitive and capacity programs. They also provided stakeholder perspectives on how they benefit from agriculture research to support their businesses. For a list of witnesses, their written testimony, and a recorded video of the hearing, please go to:

<http://agriculture.house.gov/calendar/eventsingle.aspx?EventID=3728>

FENNIMORE PRESENTS 'ROBOTIC WEED WARS' SEMINAR ON CAPITOL HILL

On May 22, 2017, Dr. Steve Fennimore from UC-Davis presented a seminar on Capitol Hill titled "Robotic Weed Wars: A New Game, New Players and New Rules." The seminar was part of the National Coalition for Food and Agricultural Research (NC-FAR) Lunch-n-Learn seminar series. WSSA is a member of NC-FAR and a sponsor of the seminar series. NC-FAR is a consensus-based and customer-led coalition that serves as a forum and a unified voice in support of sustaining and increasing public investment at the national level in food and agricultural research, extension and education.

NEW NATIONAL RESEARCH INITIATIVE AIMS TO IMPROVE COVER CROPS

The Foundation for Food and Agriculture Research (FFAR) and The Samuel Roberts Noble Foundation launched a collaborative, multi-partner research effort to improve soil health in the U.S. The \$6.6 million initiative, made possible by a \$2.2 million grant from FFAR, unites the resources of the two foundations with scientific expertise from several universities and the USDA behind a new effort to encourage adoption of existing cover crops and use advanced breeding techniques to develop and deploy new varieties with enhanced soil health-promoting traits.

Field trials will be conducted at five strategic sites to assist with cover crop evaluations: Maryland for the northeast, North Carolina for the southeast, Oklahoma for the Southern Plains, Nebraska for the Northern Plains and Missouri for the Midwest. More details about the initiative are at:

<http://foundationfar.org/challenge/healthy-soils-thriving-farms/national-cover-crop-initiative/>

PESTICIDE REGISTRATION IMPROVEMENT BILL PASSED BY HOUSE

H.R. 1029, the Pesticide Registration Improvement Act (PRIA), passed the House by a voice vote on March 20 and now awaits action in the Senate. The current version of PRIA, which expires on Sep. 30, 2017, sets fees for pesticide registrants seeking to get products registered in return for regular approval schedules. The law has bipartisan support because a proportion of the registrant user fees supports farmworker safety and environmental programs. Currently, registrants pay \$27 million per year in user fees. H.R. 1029 would increase those fees to \$31 million per year and reauthorize PRIA for seven years instead of five.

WEED SCIENCE SOCIETIES COMMENT ON APHIS REVISION OF ITS BIOTECHNOLOGY REGULATIONS

The National and Regional Weed Science Societies submitted comments on APHIS's proposed rule regarding the importation, interstate movement, and environmental release of certain genetically engineered organisms.

CONTINUED on pg 6 >>>



Dr. Steve Fennimore (far right) addresses attendees at a May 22 seminar at the House Agriculture Committee.

To view comments visit:

[APHIS Comments](#)

This is APHIS's first comprehensive revision of the regulations since they were established in 1987. The proposed update of the regulations is in response to advances in genetic engineering and APHIS's accumulated experience in implementing the current regulations. While we complimented APHIS on the many positive aspects of the proposal, we encouraged APHIS to re-propose a rule that minimizes regulatory uncertainty related to their weed risk assessment model. For more info about the proposed rule:

<https://www.regulations.gov/docket?D=APHIS-2015-0057>

\$75 MILLION AVAILABLE FROM APHIS FOR PEST DETECTION, SURVEILLANCE, AND IDENTIFICATION

In July 2017, APHIS will be issuing a call for "suggestions" (i.e. proposals) for its "Plant Pest and Disease Management and Disaster Prevention" program, also referred to as the Farm Bill Section 10007 program. The program provides funding to strengthen the nation's infrastructure for pest detection and surveillance, identification, and threat mitigation.

In FY 2017 there was \$62.5 million available with about \$5 million of that going to the National Clean Plant Network. APHIS received 720 proposals and funded 480 of them, a 66% success rate. FY 2017 funded projects are at:

https://www.aphis.usda.gov/plant_health/farmbill-section10007/fy17/FY2017-PPDMDPP-Spending-Plan.pdf

There were only a few related to weeds, but only because there were not that many applications (i.e. "suggestions") for weed and weed seed surveillance, identification, and threat mitigation. A call for "suggestions", i.e.

applications, for FY 2018 projects will be issued around mid July 2017 and will be open for 6 weeks.

For more info about the program, FAQ's, and a powerpoint presentation, visit:

<https://www.aphis.usda.gov/aphis/ourfocus/planthealth/ppq-farm-bill/farmbill-activities-17>

NRCS PROVIDING FUNDS TO ESTABLISH MILKWEED IN 10 STATES

The monarch butterfly is now a national priority species of [Working Lands for Wildlife](#) (WLFW), a partnership between USDA NRCS and the U.S. Fish and Wildlife Service (FWS) that will focus on the eastern monarch population. Through WLFW, the NRCS will target conservation efforts where the returns are highest by targeting the threat of habitat loss. WLFW will provide technical and financial assistance through the Environmental Quality Incentives Program, Agricultural Conservation Easement Program and Conservation Stewardship Program. The projects initial focus is on two separate regions in the U.S., 7 Midwest states (MO, IA, IL, IN, OH, MN and WI) and 3 South Central states (KS, OK, TX). In these states, NRCS will provide assistance to land owners for establishing certain milkweed species. If land owners are interested in technical and financial assistance from NRCS, they should contact their local [USDA service center](#).

WOTUS REWRITE ORDERED BY PRESIDENT

On Feb. 28, 2017, President Trump issued an [Executive Order](#) that directs the heads of the Army Corps of Engineers and EPA to "review and reconsider" the existing Waters of the United States (WOTUS) rule that took effect Aug. 28, 2015. That rule was an unprecedented expansion of Clean

Water Act jurisdiction beyond "navigable waters" and included waters with a "significant nexus" to navigable waters such as intermittent and ephemeral streams that farmers use for drainage and irrigation.

The Executive Order instructs the two agency leaders to review a 2006 opinion written by late Supreme Court Justice Antonin Scalia in *Rapanos v. United States*. In that opinion, Scalia argued that federal jurisdiction extends only to water bodies with a permanent flow or non-navigable waterways that connect via surface water with areas with permanent flow — definitions with a more limited approach than the EPA established in its 2015 WOTUS rule.

The proposed rule, "Definition of the 'Waters of the United States' — Recodification of Preexisting Rules" was sent to the Office of Management and Budget (OMB) for interagency review on May 2. This is the first step in the federal rule making process and will be followed by a public notice and comment period.

"NPDES FIX" LEGISLATION PASSES HOUSE

New "NPDES fix" legislation has been re-introduced in both the House and Senate in the 115th Congress. The Reducing Regulatory Burdens Act of 2017 (HR 953) was introduced on Feb. 7, 2017 by Rep. Bob Gibbs (R-OH). The House passed H.R. 953 by a vote of 256 to 165 on May 24.

This is the fourth time this legislation has been up for a vote in the past 7 years, each time passing the House, but ending up stalled in the Senate. The National and Regional Weed Science Societies have supported the NPDES-fix from the start and endorsed [a letter](#) to Congress urging passage of H.R. 953, along with more than 100 other organizations on May 23.

CONTINUED on pg 7 >>>

WSSA PUBLICATION NEWS

The transfer of the WSSA journals from Allen Press to Cambridge University Press (CUP) was finally completed in April with the publication by CUP of the first 2017 issue of *Invasive Plant Science and Management*. As of mid-June, our team in the CUP New York office has also published three issues of *Weed Science* and two issues of *Weed Technology*, and everyone involved is settling into the new system. The journal covers have been redesigned for greater visual impact online, and the CUP archiving group in the U.K. expects to complete high resolution scanning and digitizing of the entire back content for all three WSSA journals by the end of July. Currently, pre-2000 journal articles are only available via JSTOR, but once the digital archive is complete all articles published in WSSA journals going back to 1951 will be accessible on Cambridge Core.

Maintaining journal access for university libraries and other institutional subscribers has been generally smooth during the transition to CUP, but we did experience a few problems with individual WSSA member access to the online journals. This was complicated by the WSSA management move in April to IMI, which required developing a new member access portal only weeks after CUP had set up journal access through the old Allen Press site. Eric Gustafson, our new Executive Secretary, and the Cambridge IT folk have worked hard to get WSSA member access to the journals on Cambridge Core running smoothly. Your

WSSA member subscription includes full online access to *Weed Science*, *Weed Technology*, and *Invasive Plant Science and Management*. For your personal access to the journals, log in at wssa.net as a WSSA member, and follow directions on the member area landing page. If you go directly to the journal home pages on Cambridge Core without first logging in as a WSSA member, you will not have access to journal content and you will see a prominent green and yellow button redirecting you to the member login at wssa.net.

The other big publications news item is that we have a new WSSA Newsletter Editor, Carl Libbey. Carl has also been editor of the WSWS Newsletter for the past five years, so we are in good hands, and the WSSA Newsletter will resume publishing on a quarterly schedule. Welcome, Carl!

Sarah Ward
WSSA Director of Publications



Cambridge University Press – Archive Room and high speed scanning (left to right, respectively)

WASHINGTON REPORT CONTINUED from pg 6

The companion bill in the Senate is S. 340 and was introduced on Feb. 7 by Senators Mike Crapo (R-ID) and Claire McCaskill (D-MO). S. 340 is titled the “Sensible Environmental Protection Act of 2017” and has 15 cosponsors.

SENATE EPW PASSES INVASIVE SPECIES LEGISLATION

The Senate Environment & Public Works (EPW) committee passed the Wildlife Innovation and Longevity Driver (WILD) Act by a voice vote on April 5, 2017. The WILD Act was introduced by Senate EPW Chairman John Barrasso (R-WY) and cosponsored by Ranking Member Tom Carper (D-DE), James Inhofe (R-OK), Cory Booker (D-NJ), John Boozman (R-AR), and Sheldon Whitehouse (D-RI). The WILD Act (S. 826) would

reauthorize funding for the [Partners for Fish and Wildlife Program](#) in which the Interior seeks partnerships with private landowners in fighting invasive species, including conserving habitat for the greater sage grouse. The bill would also offer rewards for innovative technologies to stop invasive species.

NATIONAL INVASIVE SPECIES AWARENESS WEEK (NISAW)

NISAW was held February 27 to March 3, 2017 in Washington, DC. There were different invasive species themed seminars and webinars every day of the week. All of the NISAW webinars were recorded and are available online at: www.nisaw.org.

The Congressional Invasive Species Caucus has a new co-chair: Rep. Elise

Stefanik (R-NY) who was first elected to Congress in 2015 and is the youngest member in the House of Representatives at 32. She represents the northern 1/3 of New York. Mike Thompson (D-CA), first elected to Congress in 1998 from California’s wine country just north of San Francisco, will remain as the other co-chair of the Congressional Invasive Species Caucus.

Lee Van Wychen, Ph.D.
Science Policy Director
National and Regional Weed Science Societies

5720 Glenmullin Pl
Alexandria, VA 22303
Lee.VanWychen@wssa.net
Phone: 202-746-4686

Photos From Our Annual Meeting

2017 WSSA AWARDS



Mark Vangessel,
Outstanding Extension Award



Joseph DiTomaso,
Outstanding Research Award



Matt Jeffries, Outstanding
Graduate Student Award



Amit Jhala, Outstanding
Early Career Weed Scientist



Arlene Cotie,
Outstanding Industry Award



Aman Chandi,
Outstanding Reviewer Award



Albert Ayeni,
Outstanding Reviewer Award



Nilda Burgos
WSSA Fellow Award



Richard Zollinger
WSSA Fellow Award



Michael Barrett
WSSA Public Service Award

OUTSTANDING PAPER • Invasive Plant Science and Management (2015)



Josh Shields
Manistee & Mason-Lake Conservation Districts, MI



Barny Dunning
Purdue University
West Lafayette, IN



Patrick Zollner
Purdue University
West Lafayette, IN



Mike Saunders
Purdue University
West Lafayette, IN

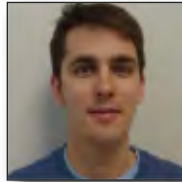


Mike Jenkins
Purdue University
West Lafayette, IN



Kevin Gibson
Purdue University
West Lafayette, IN

OUTSTANDING PAPER • Invasive Plant Science and Management (2016)



Andrew Boswell
DuPont Crop Protection
Madison, WI



Sharlene E. Sing
USDA Forest Service
Bozeman, MT



Sarah Ward
Colorado State University
Fort Collins, CO

OUTSTANDING PAPER • Weed Science



Munevver Dogramaci
USDA-ARS
Fargo, ND



Greta Gramig
North Dakota State University
Fargo, ND



James Anderson
USDA-ARS
Fargo, ND



Wun Chao
USDA-ARS
Fargo, ND



Michael Foley
USDA-ARS
Fargo, ND

OUTSTANDING PAPER • Weed Technology



Matthew Wiggins
FMC



Robert M. Hayes
UT West Tennessee
AgResearch and
Education Center
Jackson, TN



Lawrence Steckel
University of
Tennessee
Jackson, TN

The WSSA would like to thank Joseph Omielan, who generously volunteered his time and talents to furnish the photographs included in this Newsletter.

More Photos From Our Annual Meeting



Monday Awards Reception



**Special Presentation to
Joyce Lancaster**



Sonoma Desert Museum Tour



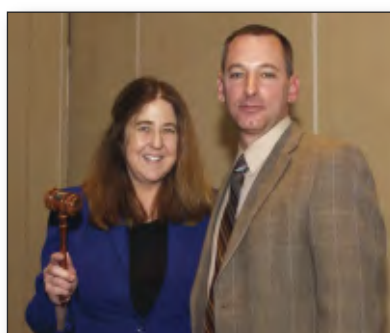
Tuesday BASF Reception



Tuesday Poster Session



**Wednesday Annual Meeting
and Graduate Student Awards**



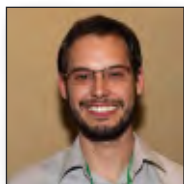
Transfer of Gavel



Past Presidents

WSSA 2017 Student Contest Winners

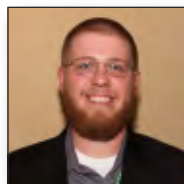
For more information on the awards:
<http://wssa.net/society/graduate-students/2017-student-contest-awards/>



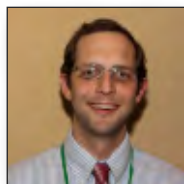
Lucas Araujo



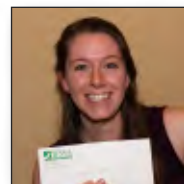
Nicholas Basinger



Shawn Beam



Matt Bertucci



Jess Bunchek



Oliver Carter



Parminder Chahal



Drake Copeland



Shea Farrell



Jose Fernandez



Lucas Franca



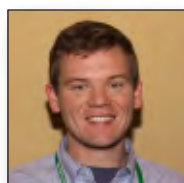
Zahoor Ganie



Steven Harig



Nick Harre



Marshall Hay



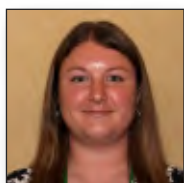
Anita Kuepper



Cara McCauley



Kara Pittman



Kelsey Rogers



Christopher Rouse



Reiofeli Sala



Swati Shrestha



Neeta Soni

Requested Response from the Members of the WSSA

As a result of questions I asked several students during the Western Society of Weed Science meeting in Albuquerque a few years ago I am interested in exploring what weed scientists regard as the goals and objectives of their science and what they think the goals and objectives ought to be over the next 20 years. Thus, I would appreciate my colleague's response to two questions:

1. What are the present goals and objectives of weed science?
2. What should the goals and objectives of weed science be over the next 20 years?

Another way of asking the same questions would be to say — Where is weed science going and is it where it ought to go?

These are not easy questions. I hope to receive thoughtful, carefully constructed responses. Respondents are encouraged to expand the range of my questions. There is no limit to the length of a response. Email or postal responses are equally acceptable. My email is r.zimdahl@colostate.edu. My postal address is 1010 East County Road 68, Fort Collins, CO 80524. I will summarize the responses received and hope there will be a sufficient number that it will accurately represent the weed science community.

I will know the identity of respondents, but no names will be revealed.

Robert L. Zimdahl, Professor Emeritus
Colorado State University



NECROLOGY

ORVIN BURNSIDE **1932 – 2017**

Orvin Burnside was born on June 9, 1932, in Hawley, MN where he was raised on a dairy farm, and died on May 29, 2017. He received the B.S. degree from North Dakota State University, then entered the military during the Korea conflict where he reached the rank of 1st Lieutenant in the Central Intelligence Corp. He then attended the University of Minnesota where he received the M.S. and PhD degrees in weed control. His major professor for the PhD was Richard Behrens.



He joined the faculty at the University of Nebraska at Lincoln, where he taught and conducted weed control research for many years. He was widely known for his prolific publication record, with over 400 papers and numerous bulletins and popular writings. He received many honors and recognitions during his career. He was named Fellow of both WSSA and the Agronomy Society and Honorary Member of the North Central Weed Science Society. He served as President of WSSA and the North Central Weed Science Society, and he received the WSSA Outstanding Research Award.

In 1985, he accepted the position of Head of the Department of Agronomy and Plant Genetics at the University of Minnesota, where he served until his retirement in 1998.

Orvin Burnside was a competent and widely respected weed scientist, and his presence in the weed science field will be greatly missed.





NECROLOGY

MERRILL A. ROSS **1935 – 2017**

Merrill Arthur Ross, Jr., 81, of West Lafayette, passed away in his sleep on Friday, February 3, 2017 at his home. He was born June 2, 1935 in Montrose, Colorado to Merrill Arthur Ross and Juanita (McAferly) Ross. Merrill grew up on the family farm near Olathe, CO. He graduated from Colorado State University (Colorado A&M at the time) with a B.S. degree in Agronomy (1957), and an M.S. (1959) and Ph.D. in Plant Physiology (1965). By the time he graduated he had taught an introductory course in Weed Control and conducted weed research in turf, horticultural crops, and agronomic crops.



In 1965 he was appointed assistant professor in the Department of Botany and Plant Pathology at Purdue University. His research area was in weed control, with a specialty in the control of perennial weeds (particularly johnsongrass and Canada thistle) in corn and soybeans. Originally assigned extension and applied research responsibilities, his duties gradually shifted to teaching and research. The major thrust of his efforts through the years was dedicated to educating students, the general public, extension educators, crop consultants, growers, and ag industry professionals on weed science principles and practices and how they could be effectively applied to solving weed problems in Indiana. He was promoted to Full Professor in 1974.

He taught Introductory Weed Science for 57 semesters (1971–2001) to approximately 3000 students. His involvement with field research and as an extension specialist gave him first-hand knowledge of real-life, practical weed control situations and the ability to clearly relate these experiences to both degree-oriented and short course students. He and Dr. Carole Lembi (his wife and colleague) co-authored *Applied Weed Science*, a textbook first published in 1985 and revised twice. He was active in undergraduate club activities, and he is listed in Purdue's Great Book of Teachers.

In 1992 he was presented with the Weed Science Society of America Outstanding Teacher Award. He was named an honorary member of the North Central Weed Science Society of America in 1993.

Memorial donations in his name may be made to the Parkinson's Disease Foundation.



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CALENDAR OF UPCOMING EVENTS

DATE	EVENT	LOCATION	CONTACT
August 22–24, 2017	Weed Science School 2017	University of California-Davis	http://wric.ucdavis.edu
December 4–7, 2017	North Central Weed Science Society Annual Meeting (NCWSS)	Hyatt Regency St. Louis at the Arch Hotel St. Louis, Missouri	www.ncwss.org
January 9–11, 2018	Northeastern Weed Science Society Annual Meeting (NEWSS)	Hilton Philadelphia at Penn's Landing 201 South Columbus Boulevard Philadelphia, Pennsylvania 19106	www.newss.org Dr. Carroll Moseley Syngenta Crop Protection Greensboro, NC 27409 carroll.moseley@syngenta.com (336) 632-7754
January 22–24, 2018	Southern Weed Science Society Annual Meeting (SWSS)	Hyatt Regency Hotel Atlanta, Georgia	www.swss.ws
January 29–February 1, 2018	Weed Science Society of America Annual Meeting (WSSA)	Crystal Gateway Marriott Arlington, Virginia	www.wssa.net
March 12–15, 2018	Western Society of Weed Science Annual Meeting (WSWS)	Hyatt Regency Orange County Garden Grove, California	www.wsweedscience.org

Additional Weed Science Meetings and Events can be found at <http://wssa.net/meeting/calendar-of-meetings/>

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