

# NCWSS *News*

North Central Weed Science Society

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The NCWSS is on the web at:  
[www.ncwss.iastate.edu](http://www.ncwss.iastate.edu)



North Central  
Weed Science Society

## From your 2002 President - Dallas Peterson

It is a great honor and pleasure to have an opportunity to serve as President of the North Central Weed Science Society. The weed science discipline and the society continue to experience tremendous changes. The new Board of Directors and I welcome all input and suggestions from the membership to help NCWSS meet the challenges and opportunities of the upcoming year.

The 56<sup>th</sup> annual NCWSS meeting in Milwaukee was a success. The Wisconsin weather in December was delightful, at least compared to Kansas City the previous year. The Local Arrangements committee, under the leadership of Jerry Doll, did an excellent job of working with the hotel facilities and staff in the preparation and smooth operation of the meeting.

The general session of the meeting focused on Intellectual Property Rights issues and featured Dr. Thomas Woods from DuPont, and Mr. Robert Reader with the Mid America Commercialization Corporation. I wish to extend them a special thank you for participating in the meeting.

The program also included three symposia which helped generate interest and discussion at the meeting. Thanks to all who helped organize the three symposia, especially Reid Smeda and Shannon Oltmans for their work on the Graduate Student Education

symposium, Dave Stoltenberg on Groundwater Issues in Wisconsin, and John Kaufmann on the Resistance Mechanisms symposium.

The student paper and poster contests are always one of the highlights of the meeting. The excellent presentations by the students help set high standards for the other presenters. All students who participated in

the contest are to be congratulated, along with the contest chairs, Kassim Al-Khatib and Don Pullins, and the many judges that helped to make the contest a success.

An undergraduate student poster contest was added to the meeting this year to help further participation and interest in the society by undergraduate students. Five undergraduate students presented posters and participated in the contest. Thanks to Dave Johnson for serving as chair for the new undergraduate contest, as well as the poster sessions.

The 2001 meeting featured a total of 165 oral presentations and 63 posters. These numbers represented an increase in oral presentations and a decrease in posters, reversing the trend of the last several years. The shift back to more oral presentations likely was due to the option of electronic presentations in all sections at the meeting. Electronic presentations eliminate the need to make and transport slides or posters, and provide the author with greater flexibility. Over 90% of the oral presentations this year utilized the electronic presentation



Your 2002 President Dallas Peterson

format. Moving to electronic presentation format exclusively in the future will reduce equipment requirements and costs.

The switch to electronic presentations is another sign of the times and was made possible by the extra efforts of Brent Pringnitz and the Electronics Communication Committee. It also required extra time and effort on the part of section chairs. Thanks to all who provided equipment and helped facilitate the transition to the electronic format.

One of the greatest strengths of NCWSS is the willingness of our members to contribute time to the society. Thanks to all committee members and chairs that served this past year. I greatly appreciate the number of members that have volunteered to serve and chair committees for the upcoming year. A list of the 2002 committee appointments appears later in the newsletter and is posted at the NCWSS website. Please review the list thoroughly, and if unable to serve, let me know. If you would like to be added to a committee, also let me know, as it's never too late to add a willing volunteer to any committee. The mission and responsibilities of each committee can be found in the MOP at the NCWSS website.

Two officers retired from the Board of Directors at the recent meeting. Thanks to Jim

Kells, who completed the cycle from Vice President to Past President, and to Kent Harrision, who served as WSSA representative, for their years of service on the NCWSS Board. Congratulations to the newly elected officers, Vice President Jerry Doll, and WSSA representative Jamie Retzinger.

Planning has already begun for the 2002 meeting at the Hyatt Regency Union Station in St. Louis. Tom Peters and the local arrangements committee are working with the hotel to insure another excellent meeting. The 2002 Program Chair, Michael Horak, has developed some ideas for the general session and is working with the program committee to organize symposia for the meeting.

Don't forget to mark your calendar for the NCWSS summer weeds contest to be held at the Dow AgroSciences Midwest Research Center near Fowler, Indiana on July 18, 2002. Contact Mark Peterson (765-586-3470, mapeterson@dowagro.com) for details on the contest.

The changes within our discipline, the industry, and NCWSS over the past several years have been phenomenal. These changes have had both positive and negative impacts on our members and their activities. Membership and participation in the annual meeting have declined in recent years, which

is simply a reflection of the downsizing in industry and tighter operating budgets in all organizations. There was a great deal of discussion at the Board of Directors meeting, the Member Forum, and throughout the December meeting about the future of the society and ways to enhance and better serve the membership. NCWSS is still financially sound and our annual meetings continue to improve every year, but there is always room for improvement.

I have decided to reinstate the Long Range Planning and Organizational Affairs committee to assess the current state of affairs and develop recommendations for the future direction of NCWSS. Past President Duane Rathmann has agreed to chair the committee, which includes members that represent various interest groups within the society. Please provide Duane and the committee any input that you have about the future direction and activities of the society.

Hopefully, we can all work together to strengthen the society, so it can better serve your needs as weed scientists in the future. Please feel free to contact me with any questions, or visit the NCWSS website for current information about society activities. Have a prosperous and productive 2002.

## Presidential Address from December 2001 Annual Meeting.

What is the role of the NCWSS and what activities of the NCWSS are important to you?

I believe that the NCWSS is known for:

1. An organization that maintains its focus on applied research.
2. An organization that prides itself on membership and student development.
3. Offering support of NCWSS interests through the WSSA and the Director of Science Policy.
4. Providing a format for professional and social exchange at the annual meeting.

One activity that I am particularly proud of is the Summer collegiate weed science contest. The 2001 contest held at the Monsanto facility at Monmouth, IL had 13 graduate and 7 undergraduate teams

participate. I would encourage those who are not taking advantage of this contest to participate in 2002 when DowAgro Sciences will host the contest at their midwest research farm at Fowler, IN.

This past summer, the NCWSS board discussed the need for long term planning at length to ensure a positive future for the NCWSS. It is obvious that industry consolidation means decreasing membership, decreasing meeting attendance, and fewer sustaining members.

Currently, our financial structure is highly dependant upon annual meeting registration and is barely covering our costs, and will surely not cover our costs in the future.

The board is considering the pros and cons of several options including:

1. A substantial increase in registration fees.
2. Reduction in member services.
3. Joining with other weed science organizations.
4. Joining with other disciplines such as entomology, plant pathology, or biotechnology.

After many comments from the membership, a straw poll was taken indicating a majority of members present preferred option #1 to ensure the long term stability of the NCWSS.

Duane Rathmann  
2001 President, NCWSS

## 2001 NCWSS Banquet — Distinguished Service Awards

### Education — John B. Masiunas

John Masiunas is a native of Connecticut, obtained his B.A. magna cum laude in Biology from Clark University and received his M.S. and Ph.D. from Purdue University. Since 1986, Dr. Masiunas has been on faculty of the Department of Horticulture and later the Department of Natural Resources and Environmental Sciences at the University of



Illinois. His research has emphasized weed ecology and the management of weeds in fruit and vegetable agroecosystems.

Dr. Masiunas has made to major contributions to weed science education through teaching, advising, and outreach education. Dr. Masiunas teaches Home Vegetable Gardening, International Horticultural Crops, and Weed Ecology. Home Vegetable Gardening attracts over 300 students per year and the sections are always full. Because weeds are generally the biggest problem gardeners face, about a quarter of the course is spent on pest management, emphasizing weeds and their control. In Weed Ecology he strives to provide the most current scientific knowledge and to expose students to writing research proposals. Dr. Masiunas has wove important weed science themes such as invasive plants into the International Horticultural Crops lectures. He receives above

average ratings in all his courses and is on a list of instructors rated as outstanding. His strengths, as identified by students, are his effectiveness, receptiveness to student questions, and enthusiasm for teaching.

Dr. Masiunas also excels in outreach education. He has organized a fruit and vegetable industry advisory board to prioritize applied research and education. He publishes a Research Report as an educational tool to communicate applied research results to the fruit and vegetable industry of Illinois. Dr. Masiunas also has an ability to change and adapt as educational needs evolve. For example, recently, the North Central SARE program funded his educational project to provide small scale farmers with information on alternative enterprises. He also co-chairs an Extension committee on organic agriculture.

Dr. Masiunas has chaired the Resident Education Committee of the society and served as a judge in the graduate student paper and poster competitions. He also chaired the Undergraduate Educational Policy Committee for the College when it underwent re-organization with Departments combining and undergraduate majors changing. His Committee provided excellent leadership during these dramatic changes.

### Education — Bernard H. Zandstra

Bernard Zandstra was raised on a vegetable farm in northwest Indiana. He earned a B.A. degree in Political Science from Calvin College and M.S. and Ph.D. degrees from the University of Hawaii in Horticulture. He began his professional career as an assistant professor at Michigan State University in 1977 and has continued through the ranks to professor over his 24-year career.

Dr. Zandstra is widely recognized for his weed science work in horticultural crops in the North Central region. Over the last 24 years, he has conducted an active and productive extension program with responsibilities in all aspects of vegetable crop production and weed control in fruit crops. This job is very demanding, as Michigan is the largest vegetable and fruit producer in our region. Dr. Zandstra has addressed these needs



by providing excellent written and oral recommendations to improve growers' ability to produce the highest quality crops possible using the most modern techniques available. He has repeatedly been recognized for excellence through awards granted by his state growers associations and extension colleagues. Dr. Zandstra is recognized as a leader in weed control knowledge and is often called upon for assistance by specialists and growers in other states for his expertise. Although Dr. Zandstra has primarily responsibilities in extension, he has an active research program that compliments his extension responsibilities and this research has extended into basic studies that have improved our understanding of the nature of herbicide resistance in common purslane.

Dr. Zandstra has provided leadership in the North Central region in many ways. He is the author of the annual "Weed Control Guide for Vegetable Crops", which is used by several North Central states for commercial vegetable weed control recommendations. This guide is widely used and is an important publication for weed science practitioners. Bernie has been a leader in IR-4 as the director of the Michigan IR-4 Research Center.

His leadership in IR-4 has resulted in additional herbicide registrations for weed



control in horticultural crops, which is vital to the continued profitability of these farmers. Dr. Zandstra has provided leadership at the national level with IR-4, as he has been heavily involved in the WSSA Herbicides for Minor Use Committee as member and chair and with the IR-4 headquarters office at Rutgers University. Dr. Zandstra is a valued cooperator to fellow extension specialists in Ohio, Indiana, Illinois, Wisconsin, Iowa and Minnesota and always provides excellent advice for improving pest management practices.

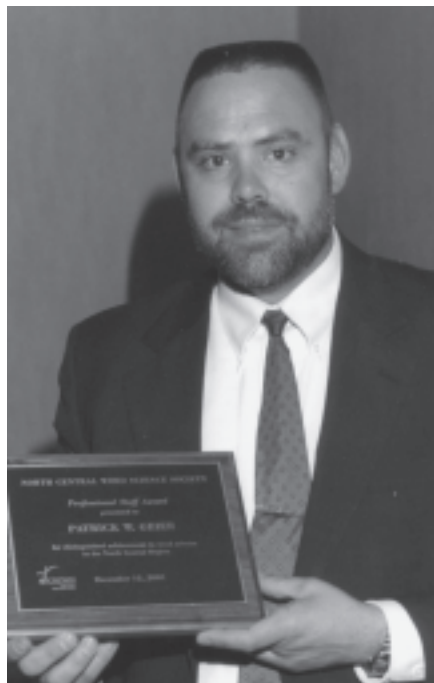
Dr. Zandstra has contributed to the NCWSS by serving on the Site Selection, Program, Fellow, Legislative and Local Arrangements committees; he has assisted in judging the graduate student contests at many annual meetings, and has made many meeting presentations. He also has been active in the WSSA through committee assignments and as a reviewer of manuscripts for Weed Science and Weed Technology. Dr. Zandstra has contributed to improved weed management practices including numerous extension bulletins, refereed publications and talks at the state, regional, national, and international level.

### **Professional Staff — Patrick W. Geier**

Pat Geier is a native of Garden City, Kansas. He earned his B.S. degree in Agronomy in 1990 and his M.S. degree in Agronomy (Weed Science) in 1992 from Kansas State University. He began his professional career as Assistant Manager of Pioneer Hi-Bred International's corn breeding station near Garden City, KS. In 1994, he accepted the position of Research Assistant in Weed Science at the Kansas State University Agricultural Research Center-Hays, and was promoted to Assistant Scientist in 1999.

Pat actively participates in planning and conducting herbicide evaluations and related research, primarily in corn, grain sorghum, and winter wheat, and independently conducts greenhouse and field experiments to address specific needs or areas of interest. He has earned the respect of university and industry colleagues alike and is a steady and positive influence on graduate students. He has developed a good relationship with industry personnel; they trust his data and

respect his opinion. Several times he has contacted other K-State researchers known to be conducting similar experiments and volunteered to compile and analyze data over locations for presentation at annual meetings of the NCWSS. Pat has authored seven refereed journal articles, among them the first and subsequent refereed publications on MON 37500 (Maverick). Additionally, he has



authored or co-authored 55 abstracts or research reports and one full paper in weed science society publications.

Pat has attended every meeting of the NCWSS since 1990, and has presented 13 papers or posters at those meetings. He served as chair of the Cereals and Oilseeds Section and as a member of the Local Arrangements Committee in 2000, was a judge of the graduate student paper contest at the 2001 meeting, and currently serves as a member of the Fellows Committee.

### **Professional Staff — Douglas J. Maxwell**

Douglas Maxwell is a native of east central Illinois. Doug's interest in agriculture developed at a young age from experiences on the family farm. This background provided Doug with the foundation to become a fine agronomist and outstanding researcher. Mr. Maxwell received his B.S. in Agronomy from

the University of Illinois. Upon graduation Doug worked for Illinois Foundation Seeds Inc., the University of Illinois Variety Testing Program, and the USDA-ARS Northern Soybean Germplasm Collection in Urbana before becoming a research specialist for the University of Illinois Weed Science Program in 1989. Mr. Maxwell is currently a Senior Research Specialist in the Crop Science Department and manages the University of Illinois Herbicide Evaluation Program.

Mr. Maxwell is the principle editor and co-author of the University of Illinois Annual Weed Research Report, which generally exceeds 500 pages. He has authored and co-authored over 169 NCWSS Research Reports and is co-author of a multi-state research article currently in review in Weed Technology. Doug has worked with over 25 graduate students and has supervised and trained over 30 undergraduate research assistants and four research technicians. Mr. Maxwell has also been recognized by the department for his outstanding achievements as the recipient of the Lester V. Boone Academic Professional Award for Sustained Excellence. Mr. Maxwell is a dedicated, outstanding weed scientist whose commitment and contributions have made him a valuable asset to the University of Illinois Weed Science Program

### **Research — Kassim Al-Khatib**

Dr. Kassim Al-Khatib is a native of Baghdad, Iraq, where he earned his B.S.



degree in plant science and his M.S. degree studying weed control in rice at the University of Baghdad in 1971 and 1977, respectively. Dr. Al-Khatib received his Ph.D. from Kansas State University in 1984 where he stayed as a postdoctoral research associate until 1989. From 1989 to 1992, he was a research associate and assistant agronomist with Washington State University in Prosser, WA and an assistant professor (75% extension, 25% research) from 1992 to 1996 with Washington State University at Mount Vernon, WA. Dr. Al-Khatib returned to Kansas State University in 1996 as an assistant professor (90% research, 10% teaching) and was promoted to associate professor in 1998.

Dr. Al-Khatib's multi-faceted research program focuses on various aspects of herbicide-plant interactions, including herbicide resistant weeds, herbicide drift, environmental interactions, basic herbicide mode of action, and the ecological impacts of herbicide programs and cropping systems. Notable research accomplishments during the past 5 years at K State include the first confirmations of common waterhemp resistance to PPO-inhibitor herbicides and common sunflower resistance to ALS-inhibitor herbicides, gene flow among related sunflower species, and the effects of herbicide drift on non-target crops. These efforts have resulted in over 20 refereed journal publications and 50 proceedings or abstracts during those 5 years.

Dr. Al-Khatib has been principal or co-principal investigator on grants and gifts totaling more than two million dollars during his research career. He is author or co-author of 50 referred journal articles and has published 19 extension bulletins, 90 proceedings papers, 41 abstracts, 32 popular articles, and 22 technical reports. This reflects over 200 presentations at local, regional, and national professional meetings.

Dr. Al-Khatib has a strong graduate training program, which includes his graduate level course entitled "Herbicide Interactions – Agronomy 716", and where he has advised or co-advised 6 MS and PhD students to completion with 5 additional MS and 2 postdoctoral research associates currently in his program. This group of

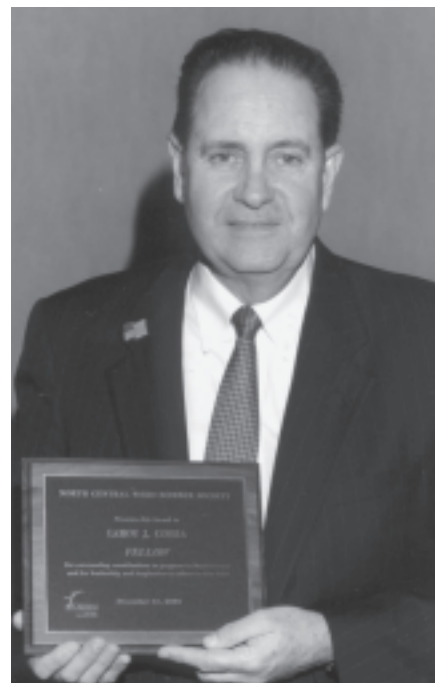
graduate students has presented papers and posters at regional and national meetings over the past 5 years, and they continually return to K State with recognition of outstanding presentations. This clearly reflects Dr. Al-Khatib's guidance in graduate student development.

Dr. Al-Khatib is active in the NCWSS, the Western Society of Weed Science, and the Weed Science Society of America, as well as a member of several other professional societies. In the NCWSS, he is currently vice-chair of the resident education committee and has served as chair of the poster and herbicide physiology sessions.

## Fellows

### LeRoy R. Cobia

LeRoy R. Cobia is currently a Senior Technical Specialist with Bayer and he has been associated with Bayer since 1974 in various capacities in Nebraska, South Dakota,



Iowa and Missouri. He has been an active member of the North Central Weed Science Society during his career and has presented several papers and posters during his career. LeRoy Cobia is noted for his enthusiasm, his vocal support for the weed science and the entire crop protection industry, and for his

dedication and support for the various NCWSS student programs, especially the Weed Contest. LeRoy's contributions to the NCWSS have included President (1995), President Elect (1994), Vice President (1993), Past President (1996) and a term on the Board of Directors from Industry (1992). He served as the Chair of the following committees Program, Industry, Publicity and Public Relations, and Distinguished Achievement Award. Additionally, he served on the NCWSS Weed Science Contest committee and the Finance, Steering and Policy committee. LeRoy also served as a judge in the graduate student paper and poster contests.

During his career with Bayer, LeRoy worked with herbicide, insecticide, and fungicide development and holds a patent on a pesticide applicator. LeRoy was instrumental in developing weed management programs for Sencor herbicide in soybean and corn. In recognition of his contributions and achievements, he received the Distinguished Achievement Award for Service in 1984 from Mobay and the Masters Technical Specialist Award for Outstanding Service and Performance in 1998 from Bayer.

LeRoy was born in Canada and grew up on a crop and livestock farm in Moses Lake, Washington and graduated from Moses Lake High School where he was active in FFA and was an Eagle Scout. He received an Associate Degree from Ricks College in 1964, the B. S. Degree in Botany and Zoology from Brigham Young University in 1967 and the M. S. Degree in Plant Pathology and Biochemistry from Brigham Young University in 1972. LeRoy taught high school for one and one half years before going back to BYU to obtain the M. S. degree.

LeRoy and his wife, Janice, have four children and currently live in Omaha, Nebraska.

## Highlights from the Board of Directors Meetings

### Submitted by Chris Boerboom, Secretary-Treasurer

A few of the major actions and discussions from the December 10 and December 12, 2001 NCWSS Board of Director Meetings are summarized below. For more complete information, view the draft versions of the minutes and summaries of the committee reports that have been posted on the NCWSS web site at <http://www.ncwss.iastate.edu/>.

December 10, 2001: The evolving aspects of the Society's publications and financial status continue to receive attention at the Board meetings. The procedures for CD formats of the Research Reports and Proceedings and potential options for the Newsletter were discussed by their Editors. The Society suffered a net loss during the past fiscal year. Variables contributing to the net loss can be found in the Financial Committee's report. Associated with the financial status, trends in membership and meeting registrations can be reviewed in the Executive Secretary's report. On Dave Johnson's recommendation, the Board approved the creation of an Undergraduate Poster

Contest. The escalating costs of hosting the Collegiate Weed Science Contest were also discussed and steps were enacted in the next meeting to reign in expenses and support this valuable activity. Charlie Slack and his committee's recommendation to hold the 2004 meeting at the Columbus Hyatt Regency from December 12 to 16, 2004 received Board approval.

December 12, 2001: Three significant motions occurred at the second Directors meeting. The Board approved a \$20 pre-registration fee for each contestant of the summer Collegiate Weed Science Contest. As a related item, Hyatt Hotels offered the undergraduate winner of the Collegiate Weed Science Contest a scholarship of free lodging at the annual meeting. This scholarship was accepted by the Board. The Board also approved the exclusive use of LCD projectors for paper presentation at future annual meetings. President Peterson also re-initiated the Long Range Planning Committee to assess the future direction of the Society. Rationale for these actions and other items of interest to members can be found in the Board minutes.

## New NCWSS Vice President - Jerry Doll

Jerry grew up on a farm in southwestern Illinois and became interested in weed science while working for Ellery Knake as he pursued a B.S. Degree at the University of Illinois. He received his PhD from Michigan State University and then joined the Peace Corps and worked as a weed extension specialist with the Institute of Colombian Agriculture (ICA) near Bogota, Colombia. He then joined the Centro Internacional de Agricultura Tropical (CIAT), near Cali, Colombia and focused on weed science training and research from 1971 to 1976. In 1977, he joined the Dept. of Agronomy at the Univ. of Wisconsin-Madison where he is an extension weed scientist. Doll served as secretary-treasurer of the NCWSS and as the society's CAST representative. He was our local arrangements chair for the 2001 annual meeting



*2002 NCWSS Officers — (left to right) -  
bottom row - Jerry Doll, Micheal  
Horack, Dallas Peterson, Duane  
Rathman.*

*top row - Jamie Retzinger, Chris  
Boerboom, Jim Martin, Bill Johnson,  
Bryan Young, Bob Schmidt*



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# Resolutions from the 2001 NCWSS Annual Meeting

These resolutions were approved by the NCWSS Board of Directors at the 2001 Annual Meeting.

**1. RESOLUTION ON:** Local Arrangement Committee for the 56<sup>th</sup> Annual Meeting of the North Central Weed Science Society.

**WHEREAS** the North Central Weed Science Society relies upon the effort and diligence of the Local Arrangements Committee for arranging suitable facilities for the annual meeting; and

**WHEREAS** a well organized Local Arrangements Committee is crucial to the conduct of a successful annual meeting; and

**WHEREAS** Chairperson Jerry Doll and the other members of the Local Arrangements Committee have fulfilled all their responsibilities in an exemplary manner;

**THEREFORE BE IT RESOLVED** that the North Central Weed Science Society in session at Milwaukee, WI, December 10 – 13, 2001 for the 56<sup>th</sup> Annual Meeting commends Jerry Doll and the Local Arrangements Committee for their outstanding efforts in providing the Society with the excellent meeting facilities and arrangements.

**2. RESOLUTION ON:** The North Central Collegiate Weed Science Contest.

**WHEREAS** the North Central Collegiate Weed Science Contest requires adequate facilities in order to conduct the contest in an orderly and educational manner; and

**WHEREAS** the facilities at the Monsanto Agronomy Center in Monmouth, IL provided an excellent environment; and

**WHEREAS** the Summer Contest Host and staff of Monsanto in Monmouth, IL met the needs of the Society and had the dedication for a successful North Central Collegiate Weed Contest;

**THEREFORE BE IT RESOLVED** that the North Central Weed Science Society in session at Milwaukee, WI, December 10 – 13, 2001 for the 56<sup>th</sup> Annual Meeting commends Marvin Spaur and the staff of Monsanto for their outstanding efforts and hard work in providing the Society with an excellent facility and a well run and educational Weed Science Contest.

**3. RESOLUTION ON:** Graduate Student Paper and Poster Contest Judges for the 56<sup>th</sup> Annual Meeting of the North Central Weed Science Society.

**WHEREAS** the North Central Weed Science Society relies on voluntary contribution of time, effort and expertise of its members selected to judge the Graduate Student Paper and Poster Contests; and

**WHEREAS** the judges selected for the Graduate Student Paper and Poster Contests for the 56<sup>th</sup> Annual Meeting fulfilled their obligations and responsibilities with dedication and commitment;

**THEREFORE BE IT RESOLVED** that the North Central Weed Science Society in session at Milwaukee, WI, December 10 – 13, 2001 for the 56<sup>th</sup> Annual Meeting commends the judges of the Graduate Student Paper and Poster Contest for their inputs of time, labor and cooperation in providing the Society with well run, successful contests at this Annual Meeting.

**4. RESOLUTION ON:** The Hotel Meeting Facilities for the 56<sup>th</sup> Annual Meeting of the North Central Weed Science Society.

**WHEREAS** the North Central Weed Science Society requires adequate facilities and lodging in order to conduct the business and program of the Society at the Annual Meeting; and

**WHEREAS** the meeting rooms and facilities of the Hyatt Regency of Milwaukee, WI provided an excellent and spacious meeting environment; and

**WHEREAS** the staff and management of the Hyatt Regency of Milwaukee, WI were helpful and cooperative in fulfilling the needs of the Society for a successful Annual Meeting;

**THEREFORE BE IT RESOLVED** that the North Central Weed Science Society in session at Milwaukee, WI, December 10 – 13, 2001 for the 56<sup>th</sup> Annual Meeting commends the Hyatt Regency, Patrick Donelly, General Manager, staff, and management for their outstanding efforts in providing the Society with excellent meeting facilities and arrangements.

**5. RESOLUTION ON:** The continued publication of the “Ontario Weeds” as a weed identification reference.

**WHEREAS** the book, “Ontario Weeds” by Prof. J. Alex at the University of Guelph is an excellent resource for the entire North Central Region, whereas “Ontario Weeds” is out-of-print and unavailable for purchase, and

**WHEREAS** the author is working to update and expand “Ontario Weeds” into an even more valuable resource;

**THEREFORE BE IT RESOLVED** that the NCWSS in session at Milwaukee, WI on December 10-13, 2001 for the 56<sup>th</sup> Annual Meeting strongly encourages Prof. J. Alex to complete the revision and further urges the Ontario Ministry of Agriculture, Food and Rural Affairs to proceed as expeditiously as possible to publish the new edition of “Ontario Weeds”.

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## Undergraduate and Graduate Student Poster Contest Winners

### Corn, Soybean, Sorghum and Annual Legumes

**1<sup>st</sup> place** — *Glyphosate and glyphosate tankmixes for control of morningglory in soybean.* Keith Mohr, and Reid J. Smeda, University of Missouri.

**2<sup>nd</sup> place** — *Kochia control in grain sorghum with fluroxypyr-based treatments.* Mark D. Lubbers, Phillip W. Stallman, Kansas State University.



Corn, soybean, sorghum, and annual legumes graduate student poster contest winners Keith Mohr, first place and Mark D. Lubbers, second place

### Weed Ecology and Biology

**1<sup>st</sup> place** — *Relative competitive indices of annual weeds using crop loss estimates.* Kathrin Schirmacher and J. Anita Dille, Kansas State University.

**2<sup>nd</sup> place** — *Seedling mortality and biomass reduction of three weed species escaping soil applied herbicide.* Konanani Liphadzi, and J Anita Dille, Kansas State University.

### Equipment and Application Methods, Sugarbeet, Horticulture and Ornamentals, Forage and Range, and Herbicide Physiology

**1<sup>st</sup> place** — *Common waterhemp resistance to protoporphyrinogen oxidase (PPO) inhibitors.* Douglas E. Shoup, Kassim Al-Khatib, and Dallas E. Peterson, Kansas State University.

**2<sup>nd</sup> place** — *Influence of drift reducing nozzles with glyphosate and fomesafen on common waterhemp control.* Jeffrey A. Bunting, and Christy L. Sprague, University of Illinois.



Weed ecology and biology graduate student poster contest winners Kathrin Schirmacher (right), first place and Konanani Liphadzi (left), second place

## Undergraduate Student Poster Contest

**1<sup>st</sup> place** — *Influence of shattercane interference on corn yield and nitrogen accumulation.* Sarah R. Hans and William G. Johnson, University of Missouri.

**2<sup>nd</sup> place** — *Comparison of preemergence and postemergence herbicides for control of common waterhemp in corn.* Hank J. Mager, Bryan G. Young, and Ronald F. Krausz, Southern Illinois University.



Undergraduate student poster contest winners Sarah R. Hans, first place and Hank J. Mager, second place



Equipment and application methods, sugarbeet, horticulture and ornamentals, forage and range, and herbicide physiology graduate student poster contest winners Douglas E. Shoup, first place and Jeffrey A. Bunting, second place



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## Graduate Student Paper Contest Winners

### Corn and Sorghum

**1<sup>st</sup> place** — *Weed control system with AE F130360 (foramsulfuron) in corn.* Jeff Bunting, Christy Sprague, and Dean Reichers, University of Illinois.

**2<sup>nd</sup> place** — *Grain sorghum response to tank mixes of metsulfuron and growth regulator herbicides.* David Brown, Kassim Al-Khatib, David Regehr, and Phillip Stahlman, Kansas State University.

### Weed Ecology and Biology

**1<sup>st</sup> place** — *Characteristics of progeny from crosses between waterhemp and monoecious *Amaranthus* species.* Mary Gumz and Steve Weller, Purdue University.

**2<sup>nd</sup> place** — *Time of the day effect on glyphosate efficacy.* Keith Mohr and Reid Smeda, University of Missouri.



*Weed ecology and biology graduate student paper contest winners Mary Gumz (right), first place and Keith Mohr (left), second place*



*Sugarbeets, horticulture and ornamentals, soybean and annual legumes, and cereals and oilseeds graduate student paper contest winners Mark Bernards, first place and Bradley Fronning, second place*

### Sugarbeets, Horticulture and Ornamentals, Soybean and Annual Legumes, and Cereals and Oilseeds

**1<sup>st</sup> place** — *Overcoming manganese fertilizer antagonism of glyphosate.* Mark Bernards, Kurt Thelen, Don Penner, and Chad Lee, Michigan State University.

**2<sup>nd</sup> place** — *Herbicide application timing for maximum biennial worm-wood control in soybean.* Bradley Fonning and George Kegode, North Dakota State University.

### Herbicide Physiology, Soil and Environmental Aspects, Equipment and Application Methods, and Forage and Range

**1<sup>st</sup> place** — *Safening of isoxaflutole in corn.* Eric Nelson and Donald Penner, Michigan State University.

**2<sup>nd</sup> place** — *Using arabidopsis as a model to study the introduction of herbicide detoxification systems by safeners.* Ben DeRidder and Peter Goldbrough, Purdue University.



*Corn and sorghum graduate student paper contest winners Jeff Bunting (right), first place and David Brown (left), second place*



*Herbicide physiology, soil and environmental aspects, equipment and application methods, and forage and range graduate student paper contest winners Eric Nelson, first place and Ben DeRidder, second place*

## Highlights of the 2001 NCWSS Meeting

The 56<sup>th</sup> meeting of the North Central Weed Science Society was held in Milwaukee, Wisconsin at the Hyatt Regency on December 10-13, 2001. Over 500 weed scientists attended the meeting.

Dr. Larry Binning, long time member of NCWSS and recently retired from the University of Wisconsin provided a warm and humorous welcome to the attendees to kick off the general session. The primary focus of the general session was Intellectual Property Rights. Dr. Thomas Woods from DuPont discussed "Industry Donations of Intellectual Property Rights to Universities", followed by a presentation by Mr. Robert Reader from the Mid America Commercialization Corporation on "Commercialization of Intellectual Property Rights by Universities".

Secretary-Treasurer Chris Boerboom provided a financial update for NCWSS finances, which was followed by the Presidential Address from President Duane Rathmann. President Rathmann concluded the general session by presiding over a member forum focusing on the future of the society.

Other highlights of the meeting included three symposia, student paper and poster contests, many excellent paper and poster presentations, and culminated with the presentation of awards at the banquet.



*Robert Reader, from Mid-America Commercialization Corporation, discusses intellectual property rights.*



*Members listening intently to a presenter at the general session.*



*Duane Rathman passes the gavel to the new NCWSS president, Dallas Peterson.*



*Richard Zollinger kept the evening light and lively with his unique brand of poetry.*



*2001 President, Duane Rathman, gives an overview of the past year and the state of the society during the general session.*



*Larry Binning welcomed the society to Wisconsin.*



*Thomas Woods, of Dupont, provided a perspective of intellectual property rights.*



*Dave Johnson announces the undergraduate student poster winners.*



*Members discussing topics with their new president Dallas Peterson.*



*Chris Boerboom provided a financial overview of the status of the society's finances.*



*The poster session continues to draw interest from members.*



*Rob Heldberg, Director of Science Policy, responds to issues raised during the general session.*



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# North Central Weed Science Society, 2002 Officers and Committee Appointments

The list of 2002 NCWSS officers and committee appointments follows. Officer and committee duties can be found in the NCWSS Manual of Operating Procedures at the NCWSS website. All officers and committee members are encouraged to review and fulfill their responsibilities during the coming year. Committee chairs will be responsible to provide a report of activities at the annual meeting.

## A. Standing Committees

### NCWSS Board of Directors

Officers	Office	Phone	E Mail Address
Duane P. Rathmann	Past President	507 835-2580	rathmad@basf-corp.com
Dallas Peterson	President	785 532-5776	dpeterso@oznet.ksu.edu
Michael J. Horak	President Elect	314 694-3476	michael.j.horak@monsanto.com
Jerry Doll	Vice President	608 263-7437	jddoll@facstaff.wisc.edu
Chris Boerboom	Secretary-Treasurer	608 262-1392	boerboom@facstaff.wisc.edu
Robert G. Hartzler	Editor, Proceedings	515 294-1923	hartzler@iastate.edu
Bill Johnson	Editor, Newsletter	573 882-0619	johnsonwg@missouri.edu
Bryan G. Young	Editor, Research Report	618 453-2496	bgyoung@siu.edu
Jamie Retzinger	WSSA Representative	515 226-0152	retzine@basf-corp.com
Jim Martin	CAST Representative	502 365-7541	jamartin@ca.uky.edu
Robert A. Schmidt	Executive Secretary	217 352-4212	raschwssa@aol.com

State Directors	State (Term Expires)	Phone	E Mail Address
Jim Daniel	Colorado (2003)	970 396 9063	jim.daniel@uap.com
Aaron Hager	Illinois (2002)	217 333-4424	hager@uiuc.edu
Dan Childs	Indiana (2003)	765 449-0900	dan.j.childs@monsanto.com
Damian Franzenburg	Iowa (2002)	515 294-5358	dfranzen@iastate.edu
Curtis Thompson	Kansas (2004)	620 275-9164	cthompso@oznet.ksu.edu
Michael Barrett	Kentucky (2003)	859 257-7310	mbarrett@ca.uky.edu
Karen Renner	Michigan (2004)	517 353-9429	renner@msu.edu
Fritz Breitenbach	Minnesota (2002)	507 280-2870	Breit004@tc.umn.edu
Tom Peters	Missouri (2003)	636 737-7679	tjpete@monsanto.com
Wayne Fithian	Nebraska (2004)	402 770-2531	wfithian@jcrob.com
Jim Harbour	North Dakota (2002)	701 476-0676	James.d.harbour@usa.dupont.com
Brad Miller	Ohio (2004)	614 492-1427	Brad.a.miller@monsanto.com
Case Medlin	Oklahoma (2003)	405 744-9588	crm@mail.pss.okstate.edu
Peter Sikkema	Ontario (2002)	519 674-1603	psikkema@ridgetownc.woguelph.ca
Darrell Deneke	South Dakota (2003)	605 688-5100	deneke.Darrell@ces.sdstate.edu
Scott Ditmarsen	Wisconsin (2004)	608 767-7268	scditmarsen@dowagro.com
Abdel Mesbah	Wyoming (2002)	307 754-2223	sabah@uwyo.edu

### Directors at Large

Jeff Stachler	Extension	614 292-1393	Stachler.1@osu.edu
Scott Nolte	Graduate Students	618 453-4817	snolte@siu.edu
David Ruen	Industry	507 467-2375	dcruen@dowagro.com
Dave Bennett	Reg. and Crop Consultants	319 456-3516	barc@lisco.com
Bob Starke	Research and Publications	605 693-6605	Robert.j.starke@monsanto.com
Kassim Al-Khatib	Resident Education	785 532-5155	khatib@ksu.edu

### Finance, Steering, and Policy Committee

Chris Boerboom	Chair	608 262-1392	boerboom@facstaff.wisc.edu
Duane Rathmann	Ex Officio	507 835-2580	rathmad@basf-corp.com
Gordon Roskamp	(2004)	309 298-1569	Gk-roskamp@wiu.edu
Dirk Drost	(2002)	336 632-7510	Dirk.drost@syngenta.com
Reid Smeda	(2002)	573 882-2002	smeda@missouri.edu
Robert Schmidt	Ex Officio	217 352-4212	raschwssa@aol.com

### NCWSS Fellow Committee

Steve Miller	Chair	307 776-3112	sdmiller@uwyo.edu
Phil Orwick	Vice Chair	217 265-4066	orwick@uiuc.edu
Bill Witt	Past Chair	859 257-1823	wwitt@ca.uky.edu

Dennis Belcher	(2004)	573 814-3331	belched@basf.com
John Kaufmann	(2002)	517 349-7084	John.e.kaufmann@monsanto.com
Robert Kremer	(2002)	573 882-6408	kremerr@missouri.edu
Patrick Geier	(2003)	785 625-3425	pgeier@oznet.ksu.edu
<b>Legislative Information Committee</b>			
Jerry Doll	Chair	608 263-7437	jddoll@facstaff.wisc.edu
Michael Horak	Past Chair	314 694-3476	michael.j.horak@monsanto.com
Dale Shaner	2003	709 716-2707	shanerd@basf-corp.com
Jamie Retzinger	2002	515 226-0152	retzine@basf-corp.com
Scott Ditmarsen	2003	608 767-7268	scditmarsen@dowagro.com
Steven Knezevic	2004	402 584-2808	Sknezevic2@unl.edu
Rob Hedberg	DSP, Ex Officio	202 408-5388	robhedberg@erols.com
<b>Local Arrangements: 2002 – Hyatt Regency Union Station, St. Louis, MO</b>			
Tom Peters	Chair	636 737-7670	tjpete@monsanto.com
Tracy Klingaman		314 694-5118	tracy.e.klingaman@monsanto.com
Greg Elmore		314 694-4379	greg.a.elmore@monsanto.com
Norm Probst		314 737-7256	Norman.j.probst@monsanto.com
(others to be added)			
Jerry Doll	Ex Officio	608 263-7437	jddoll@facstaff.wisc.edu
<b>Career Placement Committee</b>			
Eric Spandl	Chair	651 451-5383	espan@cnxlol.com
John Hinz	Vice Chair	515 733-9250	John.hinz.b@bayer.com
Henry McLean	Past Chair	217 897-6699	Henry.mclean@syngenta.com
Lowell Sandell	(2004)	859 257-6693	lsandell@ca.uky.edu
Kaleb Hellwig	(2004)	217 649-3780	hellwik@basf-corp.com
<b>Membership Committee</b>			
Ken Carlson	Chair	402 480-9131	carlsok@basf-corp.com
Mike Barton	Vice Chair	317 337-3959	mjbarton@dowagro.com
Jamie Retzinger	Past Chair	515 226-0152	retzine@basf-corp.com
Kelly Nelson	2004	660 739-4410	nelsonke@missouri.edu
Harlene Hatterman-Valenti	2004	701 231-8536	h.hatterman.valenti@ndsu.nodak.edu
Peter Sikkema	2002	519 674-1603	psikkema@ridgetown.uoguelph.ca
James Stewart	2002	517 752-8232	Jpstew3007@aol.com
<b>Nominating Committee</b>			
David Nicolai	Chair	651 451-4948	dnico@cnxlol.com
Mark Loux	Vice Chair	614 292-9081	Loux.1@osu.edu
Charles Slack	Past Chair	859 257-3168	cslack@ca.uky.edu
Kirk Howatt	2004	701 231-7209	khowatt@ndsuent.nodak.edu
Tom Threewitt	2004	620 285-6606	Tom.threewitt@syngenta.com
<b>Extension Committee</b>			
Jeff Stachler	Chair	614 292-1393	Stachler.1@osu.edu
Shawn Conley	Vice Chair	573 882-2001	conleysp@missouri.edu
Christy Sprague	Past Chair	217 333-4424	csprague@uiuc.edu
Richard Zollinger	2002	701 231-8157	rzolling@ndsuent.nodak.edu
Brent Pringnitz	2004	515 294-1923	mdowen@iastate.edu
Case Medlin	2002	405 744-9588	crm@mail.pss.okstate.edu
Steve Siegelin	2002	219 724-3000	Steve.siegelin@ces.purdue.edu
Karen Renner	2003	517 353-9429	renner@msu.edu
Alex Martin	2003	402 472-1527	Amartin2@unl.edu
Aaron Hager	2004	217 333-4424	hager@uiuc.edu
J.D. Green	2004	859 257-4898	jgreen@ca.uky.edu
<b>Program Committee</b>			
Michael Horak	Chair	314 694-3476	michael.j.horak@monsanto.com
Tom Peters	Local Arrangements	636 737-7679	tjpete@monsanto.com
Jerry Doll	Vice President	608 263-7437	jddoll@facstaff.wisc.edu

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Chris Boerboom	Secretary/Treasurer	608 262-1392	boerboom@facstaff.wisc.edu
Jeff Stachler	Extension	614 292-1393	Stachler.1@osu.edu
Scott Nolte	Graduate Students	618 453-4817	snolte@siu.edu
David Ruen	Industry	507 467-2375	dcruen@dowagro.com
Dave Bennett	Reg. & Crop Consultants	319 456-3516	barc@lisco.com
Bob Starke	Research and Publications	605 693-6605	Robert.j.starke@monsanto.com
Kassim Al-Khatib	Resident Education	785 532-5155	khatib@ksu.edu
Dallas Peterson	Ex Officio	785 532-5776	dpeterso@oznet.ksu.edu

#### **Publicity and Public Relations Committee**

Jerry Doll	Co-Chair	608 263-7437	jddoll@facstaff.wisc.edu
Tom Peters	Co-Chair	636 737-7679	tjpete@monsanto.com
Michael Horak	Past Chair	314 694-3476	michael.j.horak@monsanto.com

#### **Resolutions and Necrology Committee**

Richard Zollinger	Chair	701 231-8157	rzolling@ndsuent.nodak.edu
Larry Thompson	Vice Chair	913 897-7248	lgthompson@dowagro.com
Richard Proost	Past Chair	608 262-7845	rproost@facstaff.wisc.edu
Tony White	2004	785 625-3425	twhite@oznet.ksu.edu

#### **Distinguished Achievement Award Committee**

Duane Rathmann	Chair	507 835-2580	rathmad@basf-corp.com
Jim Kells	Past Chair	517 353-5174	kells@msu.edu
J.D. Green	(2004)	859 257-4898	jgreen@ca.uky.edu
Jerry Gogan	(2004)	816 713-6018	gwgogan@agriliance.com
Bernard Zandstra	(2004)	517 353-6637	Zandstra@msu.edu
Joe Bruce	(2002)	217 863-5323	Joe.bruce@syngenta.com
Randall Currie	(2002)	620 276-8286	rcurrie@oznet.ksu.edu
Randy Lloyd	(2003)	919 547-2805	lloyd@basf.com
Ron Krausz	(2003)	618 566-4761	rkrausz@siu.edu

### **B. NCWSS Special Interest Groups (Elected at business meetings)**

Industry			
Dave Ruen	Chair	507 467-2375	dcruen@dowagro.com
Dain Bruns	Vice Chair	614 767-0236	Dain.bruns@syngenta.com
David Nicolai	Past Chair	651 451-4948	dnico@cnxlol.com

#### **Regulatory and Crop Consultants**

Dave Bennett	Chair	319 456-3516	barc@lisco.com
Doug Nord	Vice Chair	620 285-3380	nordag@larned.com
Sue Bellman	Past Chair	608 883-6990	sbellman@idcnet.com

#### **Research and Publications**

Bob Starke	Chair	605 888-6484	Robert.j.starke@monsanto.com
Jennifer Ralston	Vice Chair	314 694-8214	jennifer.l.ralston@monsanto.com
Matt Foes	Past chair	815 494-1791	Matthew.j.foes@monsanto.com
Bryan Young	Ex Officio	618 453-2496	bgyoung@siu.edu
Robert Hartzler	Ex Officio	515 294-1923	hartzler@iastate.edu

#### **Resident Education**

Kassim Al-Khatib	Chair	785 532-5155	khatib@ksu.edu
Don Pullins	First Vice Chair (papers)	217 863-5324	Don.pullins@syngenta.com
Christy Sprague	2nd Vice Chair (posters)	217 333-4424	csprague@uiuc.edu
Dave Johnson	Past Chair	651 699-0173	Johnsod4@basf-corp.com

#### **Graduate Students**

Scott Nolte	Chair	618 453-4817	snolte@siu.edu
Corey Guza	Vice Chair	517 432-6754	guzacore@msu.edu
Shannon Oltmans	Past Chair	701 231-8167	Shannon_oltmans@nds.nodak.edu



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## Sectional Program Chairs (Elected at section business meetings)

### General Program

Michael Horak	Chair	314 694-3476	michael.j.horak@monsanto.com
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### Poster Session

Case Medlin	Chair	765 494-0599	crm@mail.pss.okstate.edu
Kevin Gibson	Vice Chair	765 496-2161	Gibson@btny.purdue.edu
Dave Johnson	Past Chair	651 699-0173	Johnsod4@basf-corp.com

### Corn and Sorghum

Gary Finn	Chair	317 337-4781	gafinn@dow.com
Sarah Taylor-Lovell	Co-Chair	515 462-1464	staylor-lovell@dow.com
Terry Wright	Past Chair	662 379-8990	trwright@dow.com

### Cereals and Oilseeds

Brian Jenks	Chair	701 857-7677	bjenks@ndsuext.nodak.edu
Case Medlin	Vice Chair	405 744-9588	crm@mail.pss.okstate.edu
Dain Bruns	Past Chair	614 767-0236	Dain.bruns@syngenta.com

### Forage and Range

Dan Beran	Chair	515 255-7821	berand@basf.com
Bob Masters	Vice Chair	402 488-0274	ramasters@dowagro.com
Ken Carlson	Past Chair	402 480-9131	carlsok@basf-corp.com

### Industrial, Forestry, Turf, and Aquatics

Rod Scrivner	Chair	913 897-1725	
Rick Schulte	Vice Chair	608 770-4041	RSchulte@teipbi.com
Rick Schulte	Past Chair	608 770-4041	RSchulte@teipbi.com

### Equipment and Application Methods

Robert Wolf	Chair	785 532-2935	rewolf@ksu.edu
Robert Klein	Vice Chair	308 532-3611	Rklein1@unl.edu
Jeff Koscelny	Past Chair	314 694-6716	jeffrey.koscelny@monsanto.com

### Soybeans and Annual Legumes

Adrian Moses	Chair	816 578-5375	Adrian.moses@syngenta.com
Harlene Hatterman-Valenti	Vice Chair	701 231-8536	h.hatterman.valenti@ndsu.nodak.edu
Jamie Retzinger	Past Chair	515 226-0152	retzine@basf-corp.com

### Herbicide Physiology

Pat Tranel	Chair	217 333-1531	tranel@uiuc.edu
Dean Riechers	Vice Chair	217 333-9655	riechers@uiuc.edu
Kassim Al-Khatib	Past Chair	785 532-5155	khatib@ksu.edu

### Weed Ecology and Biology

George Kegode	Chair	701 231-6420	George_kegode@ndsu.nodak.edu
Reid Smeda	Vice Chair	573 882-1329	smedar@missouri.edu
Anita Dille	Past Chair	785 532-7240	dieleman@ksu.edu

### Soil and Environmental Aspects

Dave Johnson	Chair	651 699-0173	Johnsod4@basf-corp.com
Kevin Adam	Vice Chair	309 726-1870	Kevin.adam.b@bayer.com
Jennifer Simmons	Past Chair	217 333-8632	jcrawfor@uiuc.edu

### Sugarbeets, Horticulture, and Ornamentals

Liz Maynard	Chair	219 785-5483	emaynard@purdue.edu
Karen Renner	Vice Chair	517 353-9429	renner@msu.edu
Robert Wilson	Past Chair	308 632-1230	rwilson@unl.edu

## D. Special Committees (appointed by president)

### Collegiate Weed Science Contest

Mark Peterson	Site Chair, DowAgro	765 586-3470	mapeterson@dowagro.com
Marvin Spaur	Past Chair, Monsanto	309 734-3407	Marvin.b.spaur@monsanto.com

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### Electronic Communications Committee

Brent Prignitz	Chair	515 294-9487	bpring@agron.iastate.edu
Jim Lux		515 294-1467	jlux@iastate.edu
Glenn Nice		765 496-2121	nice@btny.purdue.edu
Kevin Adam		309 726-1870	kevin.adam.b@bayer.com

### Long Range Planning and Organizational Affairs

Duane P. Rathmann	Chair	507 835-2580	rathmad@basf-corp.com
Cal Messersmith		701 231-8149	cal_messersmith@ndsu.nodak.edu
Tom Peters		636 737-7679	tjpete@monsanto.com
Chris Boerboom		608 262-1392	boerboom@facstaff.wisc.edu
Peter Sikkema		519 674-1603	psikkema@ridgetownc.woguelph.ca
Scott Nolte		618 453-4817	snolte@siu.edu

### Herbicide Resistance Committee

Mark Peterson	Chair	765 586-3470	mapeterson@dowagro.com
Richard Zollinger	Vice Chair (Academia)	701 231-8157	rzolling@ndsuent.nodak.edu
Jon Hinz	Vice Chair (Industry)	515 733-9250	John.hinz.b@bayer.com
Jamie Retzinger	(2002)	515 240-5926	retzine@basf-corp.com
John Kaufmann	(2004)	517 349-7084	John.e.kaufmann@monsanto.com
Curtis Thompson	(2004)	620 275-9164	cthompso@oznet.ksu.edu
Reid Smeda	(2002)	573 882-2002	smeda@missouri.edu
Jeff Stachler	(2003)	614 292-1393	Stachler.1@osu.edu
Christy Sprague	(2003)	217 333-4424	csprague@uiuc.edu

### Future Site Selection

Charles Slack	Chair	859 257-3168	clslack@ca.uky.edu
Mark Loux		614 292-9081	Loux.1@osu.edu
Jerry Doll		608 263-7437	jddoll@facstaff.wisc.edu
Tom Peters		636 737-7679	tjpete@monsanto.com

## National Invasive Weeds Awareness Week

“National Invasive Weeds Awareness Week 2002” (NIWAW III) will be held in Washington, DC the week of February 25<sup>th</sup> to March 1, 2002 so that people and groups from across the country can focus national attention on the severe problems created by invasive weeds. Individuals and organizations with an interest in this issue are invited to participate in this event that will build on the foundation and successes begun with NIWAW 2000 and 2001. NIWAW III events are designed to focus on the important and critical role that the Federal government must play to help the U.S. deal with the problem of invasive weeds. The schedule has been designed to provide ample time for participants to visit Congressional offices and discuss invasive plant issues from their part of the country. Those seeking Congressional visits are encouraged to make appointments before travelling to Washington D.C. to ensure

their legislators and staff are available. Although additional activities are still being planned, the week's activities currently include:

- A Monday morning policy breakfast to brief participants on key national invasive weed issues and the week's activities
- Meetings with Federal agencies active in invasive weed management and control
- A poster session for Federal policy makers showcasing invasive weed problems and innovative management strategies from the country's top practitioners and researchers
- Social events for participants to meet their counterparts from around the country and strengthen relationships

with those who share common objectives on invasive weed management

- A Congressional reception announcing grant recipients from the “Pulling Together Initiative”
- A Congressional briefing or hearing on a top invasive weeds issue
- A concluding meeting for NIWAW III participants

NIWAW III is being sponsored by the Invasive Weeds Awareness Coalition, a Washington D.C based coalition dedicated to increasing both Federal and public awareness of the problems and needs associated with invasive weeds. NIWAW III's events will be open to the public, and further details will be distributed as they become available. Additional information will also be posted on the NIWAW website at [www.nawma.org/niwaw.htm](http://www.nawma.org/niwaw.htm)

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## Position Vacancy Listing

### Assistant Professor, Soybean Agronomist

Department of Agronomy  
College of Agricultural and Life Sciences  
University of Wisconsin-Madison

**Position description:** The position is a 60% extension and 40% research, 12-month, tenure-accruing appointment that will emphasize soybean production technologies and cropping systems.

**Duties and responsibilities:** The successful candidate will develop an innovative extension program with the goal of increasing Wisconsin's adoption of economically and environmentally sound soybean production practices using modern delivery technologies. Extension activities may include evaluation of soybean cultivar performance, impacts of biotechnology on crop production, economic analyses of specialty markets of soybean or alternative cropping systems, and curriculum development for agricultural professionals. Extension education on other field crops such as small grains and canola will be conducted as appropriate. The candidate will be expected to develop a rigorous, nationally recognized research program that generates information on soybean production or associated cropping systems in Wisconsin and regional agroecosystems. Examples of potential research areas include: ecologically-based soybean production, value-added (organic, food grade, etc.) cropping systems, applications of new soybean genetics, or modeling. Opportunities exist for collaborative research on soybean

genetics and biotechnology, soybean pathology, and enhanced quality traits. The successful candidate will be expected to demonstrate research productivity through publication in relevant refereed journals. Graduate student training will be an integral part of the research program. Success in obtaining extramural funds for the extension and research program is expected.

**Qualifications:** A Ph.D. in agronomy, crop science, plant breeding, plant genetics, plant pathology, or related plant discipline. The successful candidate must have demonstrable research productivity through publication in relevant refereed journals. Post-doctoral experience and a record of successful grant procurement are preferred. The candidate must have research and academic experience in agronomy or crop science. The candidate must have a positive attitude for teamwork, strong leadership abilities, and highly effective written and verbal communication skills.

Send letter of interest, curriculum vitae, official transcripts, and three letters of reference to: Dr. Jerry Doll, Dept. Agronomy, Univ. Wis., 1575 Linden Drive, Madison, WI 53706. For additional information, contact Dr. Doll at 608/262-1392 or [jddoll@facstaff.wisc.edu](mailto:jddoll@facstaff.wisc.edu)

UW-Madison is an equal opportunity/affirmative action employer. Unless confidentiality is requested in writing, information regarding applicants and nominees must be released upon request. Finalists cannot be guaranteed confidentiality.

### University of Missouri — Graduate Research Assistantships

Weed Scientists at the University of Missouri — Columbia are seeking qualified students to conduct field, greenhouse, and laboratory research in weed biology and ecology or herbicide physiology in pursuit of a Ph.D. degree. Qualified applicants will have an M.S. or equivalent training in Weed Science, Agronomy, Soil Science, Plant Physiology or Plant Ecology. Research assistantships provide an annual stipend of \$14,600 to \$16,000/yr depending on qualifications; tuition is waived.

Contact either Bill Johnson ([johnsonwg@missouri.edu](mailto:johnsonwg@missouri.edu)) or Reid Smeda ([smedar@missouri.edu](mailto:smedar@missouri.edu)) for additional information and application procedures. See these websites for additional information regarding the Plant Science Unit ([www.psu.missouri.edu](http://www.psu.missouri.edu)) and Department of Agronomy ([www.psu.missouri.edu/agronomy/index.stm](http://www.psu.missouri.edu/agronomy/index.stm)) at the University of Missouri ([web.missouri.edu/index.cfm](http://web.missouri.edu/index.cfm)).

### University of Missouri — Graduate Research Assistantship in Agronomy

**Type of position:** Half-time graduate research assistantship leading to a M.S. or Ph.D degree.

**Employer:** Department of Agronomy, University of Missouri, Columbia.

**Salary:** \$12,275 (M.S.) or \$14,600 (Ph.D.) including tuition fee waiver.

#### Research Focus Areas:

1. Quantify baseline information for the development of an integrated crop decision aid for small grains production. Projects will range from improving current crop management and integrated pest management strategies to modeling crop and pest interactions.
2. Development of alternative crops and cropping systems. Projects range from the development of BMPs for alternative crops to quantifying the agronomic, economic, and ecological impact of alternative crops and cropping systems on current systems.

#### Qualifications Sought:

1. B.S. or M.S. in Agronomy, Crop Science, Plant Science, Biology, Botany, Pest Management, or a related field.

2. Effective communication skills
3. Solid background in basic sciences and mathematics
4. Farm, plot, and/or lab experience is desirable

#### For Additional Information or Application, Contact:

Dr. Shawn P. Conley  
Department of Agronomy  
University of Missouri  
210 Waters Hall  
Columbia, MO 65211  
Tel: 573-882-2001  
[conleysp@missouri.edu](mailto:conleysp@missouri.edu)

#### Application Procedure:

1. A letter of application indicating your interests, qualifications, experience, and educational background.
2. A current resume or vitae.
3. All official college and university transcripts.
4. A copy of GRE scores (TOEFL scores if applicable)
5. Three letters of reference.



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## Washington Report, November 27, 2001

### **Rob Hedberg, Director of Science Policy**

In most respects Washington has put the tragedies of September 11 behind it and gotten back to normal, or at least as close to normal as it ever gets. Partisan politics is reemerging, Congress is late with the spending bills again and Continuing Resolutions (CRs) are keeping the federal government running until their work is done. However, they did complete a conference agreement on the agricultural appropriations bill that was sent to the President for his signature on November 16 and the Interior appropriations bill that was signed into law on November 5. These appropriations bills can be found at: <http://thomas.loc.gov/home/approp/appover.html>.

### **The Farm Bill**

At last writing it was uncertain what would happen with the Farm Bill. Since then, the House of Representatives passed their version of the bill, H. R. 2646 on October 5. (The final version of the bill can be found at <http://thomas.loc.gov>). Likewise the Senate Agriculture Committee completed its mark-up of a senate version of a farm bill (S.1628) on November 15 and it is likely headed for the Senate floor before congress adjourns for the year. This legislation is a high priority item for Senator Daschle (D-SD), the Senate Majority Leader, but Senator Lott (R-MS), the Minority Leader wants floor consideration delayed until the congress returns next year. There are mixed reasons for rushing or delaying the legislation, with Republicans primarily in favor of more time for deliberations and Democrats primarily anxious to get this major legislation completed. In addition to the full Senate actions, two major steps will still remain. One is a conference committee to resolve considerable differences between the House and Senate versions and the final step will be approval of the White House and signature by the President.

### **National Park Service Adding New Weed Teams**

The Interior Appropriations Bill that was signed by the President on November 5 included funding for several new Exotic Plant

Management Teams (EPMTs) to work on National Parks on a regional basis. New teams will be based in the Pacific Northwest at North Cascades, in California at Point Reyes, in the northern Great Plains at Theodore Roosevelt National Monument and on the Gulf Coast at Big Thicket National Preserve. In addition there will be expansion within some of the existing teams in Arizona, New Mexico, Florida, Virginia and Hawaii. These new teams should provide opportunities for new graduates and when available, the job announcements will be posted on the jobs page of the WSSA website.

### **Invasive Species Advisory Committee**

In September the National Invasive Species Council announced they were seeking new nominations for the Invasive Species Advisory Committee (ISAC) because the terms of all existing members were due to expire. Two of the original nominations submitted by the national and regional weed science societies, Randall Stocker and Nelroy Jackson, expressed interest in continuing on the committee, and Steve Dewey opted to step down to free a slot for a new weed science representative. Working together the societies supported reappointment of Stocker and Jackson and also submitted two new nominees. These new nominees are Dr. Jeff Derr, the current President of the Northeastern Weed Science Society, and Dr. George Beck of Colorado State University. Announcement of the appointees to the council is expected in mid to late January.

At this point it is appropriate to thank Dr. Dewey for his effort on behalf of the weed science societies. He has an excellent reputation among leaders within the federal land management agencies and has continued to do a great job to demonstrate what weed scientists, the Land Grant Universities and the Extension Service can contribute to solution of invasive plant management problems.

### **Atrazine Preliminary Ecological Risk Assessment**

On September 26 the Environmental Protection Agency released a preliminary

ecological risk assessment for atrazine (<http://www.epa.gov/pesticides/reregistration/status.htm>) and opened a 60 day public comment period on the assessment. There were some significant shortcomings in the assessment that justified comment on behalf of WSSA (to obtain a copy of the comments contact [robhedberg@erols.com](mailto:robhedberg@erols.com)). It is worth noting that the assessment released on September 26 was dated January 26 and had been held within the EPA for 8 months before being put out for public comment. This is especially disquieting because the agency declined to extend the official comment period to accommodate more refined external review of the document. Part of the problem is that the Agency is now under significant time pressure to comply with a legal consent decree that was made with the Natural Resource Defense Council (NRDC) on January 19, 2001. In the decree the Agency agreed to publish an interim Reregistration Eligibility Decision (RED) for atrazine by August 3, 2002. Unfortunately it appears that the timelines for good science and the policy agreements are not coinciding. If members would like to help review EPA documents such as this in the future assistance would be welcomed.

### **USDA Competitive Grants Workshop in Reno**

If you have any questions about submitting competitive grant proposals to USDA or what competitive programs have opportunities for weed science funding, please plan to attend the workshop at the annual meeting on Tuesday, February 12, from 1-3PM. Sally Rockey, Deputy Administrator for Competitive Grants, USDA CSREES and Ann Lichens-Park, Program Director for the National Research Initiative (NRI) Biology of Invasive and Weedy Plants will present an excellent overview of these opportunities. Dr. Bill Dyer, a former panel manager for the NRI will also provide insight on the nuance that separates fundable proposals from the good ones that get turned down. This workshop will provide a good opportunity to hear directly what the future prospects are for the NRI, the Initiative for Future Agriculture and Food Systems

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# NCWSS Committee and Officer Report

## Summary of Progress

Reports on CAST activities were made in the spring and summer issues of NCWSS News. I attended the CAST Board meeting in March near Washington, D.C., but was unable to attend the September Board meeting in Raleigh, N.C.

Dr. Teresa Gruber was selected to serve as Executive Vice President. She succeeds Dr. Richard Stuckey who officially retired June 1. She will maintain an office in Washington, D.C., and will also direct CAST's office located in Ames, Iowa.

Increasing the membership of CAST is an ongoing process. As a part of this effort, the NCWSS has agreed to participate in a pilot project where CAST will pay NCWSS \$20 for every NCWSS member that registers as a "New" member with CAST. A CAST application form (with a source code identifying NCWSS) was included in the fall issue of the NCWSS, and in the mailings for the NCWSS meeting.

As a service to its members, CAST recently began providing a weekly e-mail update of current events in Washington, D.C. (called "Friday Notes") to CAST members who have provided their e-mail addresses. "Friday Notes" are written by CAST's Washington D.C. representatives at Meyers and Associates.

The new dues structure after Dec 1, 2001 is \$50 per year for individuals. Dues for students and retirees will be \$25 per year.

An issue paper on "Evaluation of the U.S. Regulatory Process for Crops Developed Through Biotechnology" was published in October. A copy of this document was sent to the EPA before the September 21 deadline for receiving comments on re-registration of Biotechnology crops.

A symposium on "Management of Pest Resistance: Crop Management Strategies" has been proposed; however, details have yet to be developed.

A CAST Biotechnology Advisory Committee (CBAC) was approved by the Board to provide oversight of the CAST Biotechnology Outreach Program. CAST's biotechnology web page (<http://www.cast-science.org/biotechnology>) continues to be an excellent source for biotechnology information. The latest biotechnology-related testimonies, briefing documents, lay public and press summaries are updated as needed.

CAST is contracting with the United Soybean Board (USB) to prepare a report for USB on the environmental impacts of biotech. crops - corn, cotton, and soybeans. CAST also plans to develop its own document on this subject matter as an issue paper.

Plans are underway for CAST to merge with the Agricultural Research Institute. The process on amending the bylaws will be discussed in the March 2002 meeting.

**Budget Needs:** The current society dues structure for membership to CAST for societies that have a membership of 666 to 6,666 is \$0.83/member/year or a minimum of \$546/year for societies with less than 666 members. I suggest that NCWSS budget the appropriate amount to funds for CAST dues for 2002 based on the number of members following this year's NCWSS meeting.

CAST Board members will be eligible for reimbursable expenses up to \$546/year. The remaining expenses, if any, are the responsibility of the member society. I recommend that NCWSS budget \$700 for my participation in the CAST spring and fall meetings.

**Suggestions for the Future:** In addition to providing space for the CAST booth, schedule a limited time slot (possibly one hour) and a location at next year's NCWSS meeting for the CAST representative to have dialogue with members about CAST's activities. Perhaps this type of forum would allow for group interaction and be informative for NCWSS members.

— James R. Martin

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(IFAFS), Integrated Research Education and Extension Competitive Grants Program (water quality, agricultural pesticide impact assessment, Food Quality Protection Act risk mitigation and implementation, food safety, methyl bromide transition and organic transition programs).

## A New Weed Management Bill

On November 8, Representative Moran (R-KS) entered a new bill in the House of Representatives titled the Noxious Weed Control Act (H.R. 3260) that would authorize a \$25 million cost sharing fund to help states battle noxious weeds. At this point there are no cosponsors for the legislation that would be administered by the USDA. The bill was referred to the House Agriculture Committee

for consideration. It is heartening to see this increased interest in weed management and to know that there are significant weed management bills before both houses of congress and before two major committees in the House of Representatives.

## Director of Science Policy Priority Setting

Every year we establish a short list of priority issues that should guide the work of the Director Science Policy for the year ahead. We seek the input of each of the contributing societies so that this list of priority issues can be considered and finalized at the WSSA annual meeting when members from all the

societies are present. For the past year the priorities have been invasive plants, herbicide regulatory actions, weed science research funding and the researcher's exemption to the Worker Protection Standard. We have finally settled the WPS issue and may have time to address new issues. One idea that has been suggested is to seek a federal job series classification for weed scientists such as the classifications that currently exist for several other scientific disciplines. If you have thoughts on this issue or other suggestions please forward them to your leadership or Rich Bonanno so they can be considered by the Washington Liaison Committee.

# Herbicide Resistance Action Committee Minutes — WSSA Meeting

## February 11, 2002 — Reno, NV

Sharlene Matten, Ph.D. Office of Pesticide Programs, Biopesticides & Pollution Prevention Division, US EPA presented information on the USEPA guidelines: PR Notice 2001-5, June 2001 [[http://www.epa.gov/opppmsd1/PR\\_Notices/](http://www.epa.gov/opppmsd1/PR_Notices/)] which outlines the voluntary labeling of pesticides by site of action and USDA/APHIS and EPA — Stewardship plans for herbicides used on herbicide-tolerant crops (HTCs). Dr. Matten stressed the harmonization between the US and Canadian effort to label pesticides by site of action. Gregory Bridger, Ph.D, Evaluation Officer, Herbicide and Plant Growth Regulators Section Efficacy & Sustainability Assessment Division, PMRA reported on the status of labeling of herbicides by site of action in Canada Directive 99-06 [<http://www.hc.sc.gc.ca/pmra-arla>]. Dr. Bridger indicated that 24 of the 1800 pesticides have listed the site of action on the label, 20 of which are herbicides. Steve Moss, IACR-Rothamsted updated the group on the Baseline sensitivity to herbicides a guide to methodologies. In Europe there has been an effort to establish a baseline of tolerance of plants to herbicides. This information would be required for the registration of new pesticides. This would

allow the detection of small shifts in sensitivity to pesticides and warn of possible resistance problems. Maintenance of seed supplies, size and the populations used in the baseline testing were discussed. Martin Parnham, from Herbiseed inquired about the possible demand for standardized populations of resistant weed seed. There did not seem to be a demand for such seed by either industry or university researchers. Ian Heap, WeedSmart, gave an update on the current listing of herbicide resistant biotypes list on his website [[www.weedscience.com](http://www.weedscience.com)]. There are currently 257 biotypes that exhibit resistance to herbicides. These biotypes are in 156 different species. There are 94 monocot species and 62 dicot species. There were nine new biotypes added in 2001. There were 1.2 million page views to the website in 2001. Ian has been able to identify 3000+ links to the weedscience.com site. In the round table discussion the following new resistant biotypes are being investigated: glyphosate resistant horseweed (*Conyza canadensis*) in TN, *Phalaris minor* resistance to sethoxydim, field pennycress (*Thlaspi arvense*) resistance to ALS herbicides in Canada, populations of waterhemp (*Amaranthus rudis*)

resistance to PPO and glyphosate herbicides in KS, and Eastern black nightshade (*Solanum ptycanthum*) and common ragweed (*Ambrosia artemisiifolia*) populations resistant to ALS herbicides in ND. Steve Moss indicated that ALS resistant poppies (*Papaver sp.*) and chickweed (*Stellaria uredia*) in the UK.

## ACTION ITEMS

1. Dr. Terry Wright — Dow AgroSciences, is requesting, before the next HRAC-NA meeting, University Extension and Corporate publications that would be used to educate growers, dealers and crop advisors on resistance management labeling. PLEASE SEND ONE COPY of resistance Management materials to:  
Terry Wright  
Wayside Research Station  
P.O. Box 2557, State Highway 438  
Wayside, MS 38780
2. HRAC-NA will try to search to secure some funding sources to assist in the publication of herbicide resistance labeling education guides.
3. The next HRAC-NA meeting will be at the 2003 WSSA Meeting in Jacksonville FL in a joint session with the Herbicide Tolerant Plants and Extension committees.

If NCWSS members would like to receive an electronic file of the attendee list (with mail and email addresses and phone numbers) from the 2001 NCWSS Annual Meeting, please send a note to Bob Schmidt, NCWSS Executive Secretary at [raschwssa@aol.com](mailto:raschwssa@aol.com).

***This list is for exclusive use by NCWSS members.***

## From the Editor

The deadlines for submitting items for the next two NCWSS Newsletters are May 15 and September 1. Preferred method of news item submission is by e-mail ([johnsonwg@missouri.edu](mailto:johnsonwg@missouri.edu)). Otherwise, contact:

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