

# NCWSS *News*

North Central Weed Science Society

Volume 18, Number 3, Fall 2001

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## See You in Milwaukee in December!

Milwaukee and your local arrangements committee look forward to hosting the 56<sup>th</sup> annual conference of the North Central Weed Science Society on December 10 through 13, 2001. The Hyatt Regency Hotel, our conference site, offers excellent facilities for our meeting and their staff is doing everything possible to ensure a successful meeting. Your program chair, Dallas Peterson, has assembled a program focusing on current weed science issues.

The Hyatt Regency is located in downtown Milwaukee. It is connected by an enclosed skywalk walkway to that takes you to the Midwest Express Center and The Grand Avenue with its 120 specialty shops, department stores and restaurants, including Wisconsin's largest food court. Milwaukee is home to the Milwaukee Bucks basketball team, has several theaters with live presentations and concerts and offers various museums within walking distance of the Hyatt. Wisconsin's only revolving restaurant sits atop the Hyatt Regency. The new Miller

park is open every day of the year and has a fine restaurant.

Near Miller Park, is Mitchell Park Horticultural Conservatory which consists of three climate controlled domes that offer you a wide variety of plants in very creative settings. One dome is devoted to a special show which in December will highlight Christmas; the Arid Dome has cactus and succulent plants native to the southwestern states. The third dome takes you to a tropical rain forest, complete with a waterfall, numerous rock formations and plants from many tropical habitats. If you have time, a visit to the Conservatory, it would be time well spent.

We will provide a gathering room and information on the events, sights and attractions in and around Milwaukee for spouses and friends of those who attend. Check at the registration desk for details of this service.

Be sure and respond promptly to the room reservation information you will soon receive from Bob Schmidt. The **reservation deadline is Nov. 15;**



North Central  
Weed Science Society

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



requests received after this date may not be honored, or if so, not at the Conference rate. The Hyatt is located at 333 West Kilbourn Avenue, Milwaukee (53203) and their phone number is 414-276-1234. We do have an overflow hotel to use if needed; early reservation will ensure that you have a room in the Conference headquarters.

We hope to see many of you at the Conference. If you have questions, comments or suggestions about the meeting, please contact the local arrangements chair, Jerry Doll (608-263-7437 or [jddoll@facstaff.wisc.edu](mailto:jddoll@facstaff.wisc.edu)). To schedule meals, hospitality rooms or other special events that involve food or refreshments during the Conference, contact Tim Trower (608-265-6190; [ttrower@facstaff.wisc.edu](mailto:ttrower@facstaff.wisc.edu)). If you need information about a sustaining member displays or poster setup, contact Scott Ditmarsen (608-767-7286; [scditmarsen@dowagro.com](mailto:scditmarsen@dowagro.com)).

### Transportation

Milwaukee is easily reached via the interstate system or by air. Mitchell International Airport is only 7 miles from the hotel and cab and limo service to the Hyatt are available. Taxi fare is approximately \$21 and the limo/shuttle service costs \$9.50 one way or \$18 round-trip. Limos leave the airport every 10 to 15 minutes.

The hotel has no parking lot but a municipal parking lot is attached directly to the Hyatt. The parking ramp entrance is on west side of the Hyatt Regency on Kilbourn Ave. The parking is fee \$10.00 a day.

### Directions

It is relatively east to find the Hyatt Regency. If arriving on I-94 from west or from the east, take I-43 north. You need to be in the right lane soon after getting on I-43; take the Center/Kilbourn Avenue Tunnel exit. When reaching the end of the tunnel, continue straight on Kilbourn

Avenue for one long block. The hotel will be on your right.

### Midwest Express Airlines: Our Official Carrier

Milwaukee is the headquarters of Midwest Express Airlines and we have arranged that they will be the official carrier for our annual meeting. Midwest Express offers fully refundable zone fares for midweek travel that do not require a weekend stay. Or take advantage of the already low published airfares and receive a 6% discount. Tickets that are purchased 60 days prior to travel receive a 10% discount. Visit us on-line at [www.midwestexpress.com/conventions](http://www.midwestexpress.com/conventions), contact us at 800-452-2022 or contact

your travel agent for reservations. Please refer to the convention file number CMZ1095 when making your reservations. Sustaining members that ship large items via Midwest Express can also receive a freight discount of 30%.

National Car Rental discounts are also available to those who attend the NCWSS Conference. Call National at 1-800-CAR-RENT and mention the ID number 5710053.



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## From the Editor

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

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## From Your President- Duane Rathmann

Hopefully, most of you are getting an opportunity to spend more time in the office as the summer nears an end and have an

opportunity to read through this

newsletter. I wanted to give you an update on several issues addressed at our summer executive board meeting.



*Your 2001 President  
Duane Rathmann*

### **Future direction of the NCWSS.**

- Your Board has spent considerable time looking at the effects of industry consolidation on the NCWSS. Pertinent programming and educational opportunities, social opportunities, as well as financial responsibility were discussed as priorities of the NCWSS and its members.
- Finance considerations: Annual meeting registration fees and hotel costs are main factors governing the financial success of the annual meeting. As you might guess, meeting registration numbers are trending downward while hotel costs are trending upward. Our Society netted just over \$4,000 at the Kansas City meeting compared over \$15,000 average profit over the past five years. This income is important as it covers some of our Society's other operating expenses. Due to the ice storm, our room take was less than the guaranteed amount and we could have lost a significant amount of money if the Hyatt held us to our contract on room commitments. Thanks to Site Selection Chair, Charlie Slack and Executive Secretary, Bob Schmidt for successfully negotiating with the Hyatt for no penalty.
- Let us know the direction that you think the NCWSS should take.

### **Here are some of the suggestions that have been discussed;**

1. Maintain current structure and programs with expectations of a slowly eroding membership base. Lower membership may lead to reduced meeting and membership services.
2. Enhance membership and annual meeting attendance by meeting jointly with other organizations or societies.
3. Merge with the WSSA meetings as many people are now choosing to attend one, but not both.

We would like to hear from the membership on what the current mission of the Society should be, what activities are most critical to members, and how the Society will best achieve these objectives. Please leave you comments at the NCWSS website at [www.ncwss.iastate.edu](http://www.ncwss.iastate.edu) questions and comments section.

### **Annual Meeting in Milwaukee.**

- Program Chair Dallas Peterson along with Local Arrangements Chair Jerry Doll have put together an excellent program for our annual meeting in Milwaukee, December 10-13. Please plan to attend.
- LCD projectors will be used in all sessions, but slide projectors will be available for those who prefer not to use Power Point presentations with a LCD projector. Brent Pringnitz and the Computer Committee are providing their expertise to provide a smooth transition to the LCD presentations.

### **Summer Collegiate Weeds Contest**

- This year's summer contest was a huge success with 20 student teams competing, totaling 88 participants. Thanks to Marv Spaur and all volunteers at Monmouth for running an excellent event.

## 2001 Annual Meeting Program

The program for the 2001 Annual Meeting in Milwaukee, Wisconsin on December 10-13 has been finalized. The meeting this year will emphasize current weed science issues, starting with a discussion on intellectual property rights issues at the general session on Tuesday morning. The feature speaker will be Mr. Bob Reader from the Mid-America Commercialization Corporation in Manhattan, Kansas who will speak about the "Commercialization of Intellectual Property Rights by Universities." The general session program should be of interest to both academia and industry, and should be an excellent kickoff for the meeting.

Three outstanding symposia have also been scheduled for the meeting. Reid Smeda has organized a symposium on "Graduate Student Education-Preparing Students Today for Tomorrow" which should be of special interest to all graduate students, as well as their advisors and future employers. John Kaufman has organized a symposium on "Resistance: What Can We Learn From Each Other's Science" to take a broad look at resistance in other disciplines and what can be learned from their experiences. The final symposium on "Groundwater Issues in Wisconsin" was organized by Dave Stoltenberg and should be of local and regional interest. This symposium will take a historical look at groundwater contamination in Wisconsin, remedial measures and their impacts, and future implications on herbicide use in the state.

A total of 60 posters and 155 papers on a variety of weed science topics will be presented during the meeting. The 2001 NCWSS annual meeting is shaping up to be an exciting and informative event that you won't want to miss!

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## Invitation To Join CAST — a Benefit to You and NCWSS

The North Central Weed Science Society, as a society member of the Council for Agricultural Science and Technology (CAST), is providing this opportunity for you to become individual members of CAST. For helping to encourage you to become a member of CAST, NCWSS will receive \$20 for each “new” member who joins CAST (this is applicable to a regular membership fee of \$40 or more).

**What is CAST?** The Council for Agricultural Science and Technology was founded in 1972 after a meeting of the U.S. National Research Council, National Academy of Sciences identified the need for better communication of the science behind the issues. CAST is an international consortium of 37 scientific societies representing over 180,000 member scientists, 125 nonprofit organizations, 100 companies and cooperatives, and over 2,000 individual members.

CAST disseminates scientific facts and summarizes the latest scientific research for leaders in public policy, private citizens, and the media. Drawing upon its societies’ membership of over 180,000 distinguished scientists, its task forces address issues of national and global significance. CAST’s authoritative publications are recognized internationally for their concise, impartial assessment of the most advanced science to date.

CAST accomplishes its goals by providing publications for a wide readership as well as briefings and testimonies for leaders in Washington, D. C. It also coordinates national workshops for the public and the media. CAST is often asked to present the scientific perspective to the White House, U.S. Senate and House Agriculture Committees, USDA, FDA, and EPA.

You can help us strengthen CAST’s position at the national forefront of science communication. By becoming a member of CAST, you can help ensure that science has a seat at the public policy table . . . and, at the same time, financially benefit the North Central Weed Science Society.

### CAST Membership Categories and Benefits

- **INDIVIDUAL MEMBERSHIP:** \$40/year; \$20/year for retired persons and students. Receive issue papers, NewsCAST, and interpretive summaries of all task force reports. You may order any publication within one year of publishing date and pay only shipping.
- **CENTURY CLUB MEMBERSHIP:** \$100/year. Receive all new CAST task force reports and their interpretive summaries, issue papers, and NewsCAST.
- **LIFETIME MEMBERSHIP:** One-time payment or pledge of \$2,500. Receive all the benefits of Century Club membership, plus an optional feature about you in NewsCAST.
- **SUSTAINING MEMBERSHIP:** Companies, cooperatives, institutions, nonprofit organizations, and agencies also are vital supporters of CAST’s science communication activities. Contact the CAST office at 515-292-2125 Ext.26, if you are interested in discussing a sustaining membership with the CAST development director, Steve Halloran.

A membership application form is available on the back of this newsletter (page 16) for information on past, current, and future CAST publications, please visit our web site: <http://www.cast-science.org>

## WSSA Archives at Iowa State University

The WSSA Archives at Iowa State University includes printed materials from the WSSA and each of the regional Weed Science Societies. The Archives includes meeting proceedings, committee records, abstracts, research reports, banquet information, descriptions of past award winners, brochures, stickers, and programs. In addition, the notes and correspondence of many past presidents have also been included. The archives recently received a generous donation from Dr. Whitey Holm that included all of the reprints and notes used to write his award-winning book *World weeds – natural histories and distribution*. Other authors have used the archives to develop textbooks, review articles and histories of the regional societies.

Dr. Mike Owen at ISU is the liaison for the WSSA Archives and responsible for handling the materials as they are placed in a special collection by ISU Library Archivist. Contact Dr. Owen at [mdowen@agrone.iastate.edu](mailto:mdowen@agrone.iastate.edu) or telephone at (515) 294-1923 if you would like to add materials to the archive.

Tanya Zanish-Belcher is the Head of the Special Collections Department at the ISU Library. A listing of available collections is available on the Department’s website:

**Special Collections Department:**  
<http://www.lib.iastate.edu/spcl/index.html>

**Manuscript Collections:**  
<http://www.lib.iastate.edu/spcl/collections/lists/mslist.html>

Eventually, the WSSA collections will have “finding aids” available electronically as well, that will list the inventory of currently available materials. Contact Ms. Zanish-Belcher at 515-294-6648, or



# 2001 NCWSS Summer Contest Results

**Dave Johnson, Chair, Resident Education Committee**

The 2001 NCWSS Summer Contest was held on July 19, 2001 at the Monsanto Agronomy Farm near Monmouth, IL. The Monsanto staff and all of the volunteers and judges from several companies did a great job conducting a challenging contest. Thanks are due to Monsanto and the volunteers, and to Bellspray (formerly R and D Sprayers) for their financial support of the contest. Thanks are also due to the students and coaches, who spend a lot of time preparing for the contest. Hopefully it is a valuable learning experience.

The weather also provided some challenges, as rain and lightning forced postponement of the farmer problem and unknown herbicide identification events for several hours. A total of 20 teams (13 graduate or mixed graduate/undergraduate and 7 undergraduate) competed for the team awards. In addition, 8 students competed as individuals, for a total of 88 students competing. A change was made in December 2000 by the NCWSS Board of Directors to allow 2-year schools to participate, hoping to expose more students to weed science. This change was successful, as Parkland College, a 2-year school from Champaign, IL, sent a team. Hopefully more 2-year colleges will send teams to the contest in the future. Schools represented were Iowa State University, Kansas State University, North Dakota State University, Ohio State University, Parkland College, Purdue University, Southern Illinois University, University of Illinois, University of Missouri, University of Nebraska, University of Wisconsin-River Falls, and Western Illinois University.

Because of the delays forced by the weather, it was decided to send students to the farmer problems in pairs in order to complete the contest on time. These scores were not figured in the team or individual scores, but the experience was hopefully valuable.

The 2001 Summer Contest results are as follows.

## Event Awards:

### Field Calibration 1<sup>st</sup> place team:

University of Missouri (Curtis Scherder, Keith Mohr, Andy Schmidt, and Chris Schuster).

**Unknown Herbicide** 1<sup>st</sup> place individual:  
Dana Harter, University of Missouri.

**Written Calibration** 1<sup>st</sup> place individual:  
Mark Jeschke, University of Illinois.

**Weed Identification** 1<sup>st</sup> place individual:  
Keith Mohr, University of Missouri

## Team Awards:

### Graduate team

1<sup>st</sup> place: University of Missouri, team members Curtis Scherder, Keith Mohr, Andy Schmidt, and Chris Schuster (mixed graduate/undergraduate team).

2<sup>nd</sup> place: University of Nebraska, team members Leah Sandall, Julie Abendorth, Kari Hilgenfeld, and Kim Pavelka (mixed graduate/undergraduate team).

3<sup>rd</sup> place: University of Nebraska, team members Aaron Waltz, Darren Barker, Adam Johnson, and Sean Evans.

### Undergraduate team:

1<sup>st</sup> place: Ohio State University, team members Jeremy Edger, Keith Diedrick, Geoff Trainer, and Luke Case.

2<sup>nd</sup> place: Iowa State University, team members Jenny Ricks, Dawn Refsell, Mindy DeVries, and Dustin Gleason.

3<sup>rd</sup> place: North Dakota State University, team members Brian Michels, Greg Mostad, Jay Hansen, and Kristy Clark.

## Individual Awards:

### Graduate Overall:

1<sup>st</sup> place: Keith Mohr, University of Missouri.

2<sup>nd</sup> place: Andy Schmidt, University of Missouri.

3<sup>rd</sup> place: Sean Evans, University of Nebraska.

### Undergraduate Overall:

1<sup>st</sup> place: Dana Harter, University of Missouri.

2<sup>nd</sup> place: Keith Deidrick, Ohio State University.

3<sup>rd</sup> place: Curtis Scherder, University of Missouri.



*Unknown Herbicide 1<sup>st</sup> Place Individual — Dana Harter, University of Missouri.*



*Weed Identification 1<sup>st</sup> Place Individual — Keith Mohr, University of Missouri*



*Written Calibration 1<sup>st</sup> Place Individual — Mark Jeschke, University of Illinois.*

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## NCWSS Summer Contest — Winning Teams

### Graduate



*1<sup>st</sup> Place Graduate Team — University of Missouri, team members Curtis Scherder, Keith Mohr, Andy Schmidt, and Chris Schuster (mixed graduate/undergraduate team).*



*3<sup>rd</sup> Place Graduate Team — University of Nebraska, team members Aaron Waltz, Darren Barker, Adam Johnson, and Sean Evans.*



*2<sup>nd</sup> Place Graduate Team — University of Nebraska, team members Leah Sandall, Julie Abendorth, Kari Hilgenfeld, and Kim Pavelka (mixed graduate/undergraduate team).*

### Undergraduate



*1<sup>st</sup> Place Undergraduate Team — Ohio State University, team members Jeremy Edger, Keith Diedrick, Geoff Trainer, and Luke Case.*



*2<sup>nd</sup> Place Undergraduate Team — Iowa State University, team members Jenny Ricks, Dawn Refsell, Mindy DeVries, and Dustin Gleason.*



*3<sup>rd</sup> Place Undergraduate Team — North Dakota State University, team members Brian Michels, Greg Mostad, Jay Hansen, and Kristy Clark.*

Congratulations to the winners and participants. The 2002 contest will be hosted by Dow AgroSciences at their Midwest Research Center in Fowler, IN on July 18. Put that date on your calendar and plan to bring a team!

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# NCWSS Summer Contest — Overall Individual Winners

## Graduate



*1<sup>st</sup> place Graduate Overall — Keith Mohr, University of Missouri.*



*2<sup>nd</sup> Place Graduate Overall — Andy Schmidt, University of Missouri.*



*3<sup>rd</sup> Place Graduate Overall — Sean Evans, University of Nebraska.*

## Undergraduate



*1<sup>st</sup> Place Undergraduate Overall — Dana Harter, University of Missouri.*



*2<sup>nd</sup> Place Undergraduate Overall — Keith Deidrick, Ohio State University.*



*3<sup>rd</sup> Place Undergraduate Overall — Curtis Scherder, University of Missouri.*

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# NCWSS Board of Directors Meeting Highlights

## Submitted by Chris Boerboom, Secretary-Treasurer

The complete minutes and committee reports of the December 11 and December 13, 2000 Board of Director Meetings have been posted to the NCWSS web site at <http://www.ncwss.iastate.edu/>. These minutes were approved at the July 18, 2001 Board meeting. The following paragraphs are a synopsis of actions or major discussions held during the Board meetings. The minutes of the July 18, 2001 Board meeting will be approved at the next Board meeting and posted following Board approval.

### December 11, 2000, Kansas City, MO.

*Executive Secretary.* The final attendance at this annual meeting will likely be lower than expected due to the snow storm and flight delays. The major concern is if the Society would reach the guaranteed room block with the Hyatt and incur penalties.

*Proceedings Editor.* E-mail submission of abstracts was good with greater than 90% submitted by the deadline. The abstracts can be printed from a computer in the Press Room during the conference. It was questioned if a hard copy of the Proceedings could be available at the meeting. It was noted that the Proceedings contain other information in addition to the abstract, some of which is not available until the meeting such as approved minutes and the membership list. Bauman suggested continuing with the current Proceedings format and that the Editor have a proposal for future changes.

*Research Report Editor.* The Research Report has been completed in the new searchable CD format and is available at the meeting. The cost of the CD was \$6,495, which included some one-time costs. The index outlines will be added to the web site to increase interest and CD sales. Sales have not been as strong as previous years with about 112 pre-sold.

*Finance, Steering & Policy.* The financial status of the NCWSS was discussed. Discussion continued on the reason why there was a net loss excluding investment income. Since the financial success of the annual meeting is critical to the profit or loss, the discussion continued on whether we should hold the meeting at a site where we have high attendance like at St. Louis.

*Nominating.* The election for Vice President and CAST Representative was held by paper ballot

and Michael Horak was elected as Vice President and James Martin was elected for CAST Representative. Bill Johnson was elected for Newsletter Editor by paper ballot.

*Distinguished Achievement Awards.* There was discussion if the pool of candidates is limited by the false perception that these awards recognize early or mid-career members of our society. It was noted that all members are eligible for this recognition and therefore, the pool of candidates should be large.

*Future Site.* The committee was recommended the annual meeting be held at the Galt House in Louisville from November 30 through December 4, 2003. A discussion on a central location for the annual meeting in future years followed. The major advantage would be higher attendance, but disadvantages noted were fewer local travelers and a higher cost to contract for local arrangements rather than having a local committee of volunteers. The membership could be polled on interest in having a centralized meeting site.

*Computer.* Powerpoint presentations will be compiled Tuesday morning onto a single laptop and back-up CD for the sessions that will be experimenting with LCP projector use during this trial year. Full scale adoption will depend on numerous factors including if the hotel will allow us to bring our own projectors into the facility.

*Resident Education.* The committee's proposal for 2-year schools to compete in the summer contest was approved. It was suggested that the committee establish guidelines on the number of teams that can be accommodated, with priority for graduate teams so that the contest can remain scheduled as a 1 day contest. Discussion on the Society's financial support of the summer contest was held with comments that the support may need to be increased in the future.

### December 13, 2000, Kansas City, MO.

*Executive Secretary's Report.* The attendance is currently 493 as compared to 603 for 1999.

*Proceedings Editor.* Having abstracts available to be printed off at the meeting was very successful. The computer used to print abstracts will be moved to the pre-function area next year.

*Research Report Editor.* Bryan About 150 CDs of the Research Report were delivered at the meeting. It was commented on the possibility of combining the Proceedings and the Research

Report. This may require needing to have the abstract submitted quite early to have the CD available at the meeting. The CD requires about 1 month for duplication.

*Finance, Steering & Policy.* A proposed budget for 2001 was approved. It was questioned if there needs to be a higher bracket for sponsor member dues since some companies are consolidating and may have much greater sales. It was noted that sponsor dues had increased recently. A policy for refunding registration fees was discussed in consideration of the snow storm. It was noted that registration materials noted a December 1<sup>st</sup> deadline for requesting refunds in full. The Finance, Steering, and Policy Committee had recommended a full refund less the membership dues. It was approved that membership dues and the cost of the banquet be retained to account for meals that needed to be guaranteed and that requests for refunds be extended until the end of the week.

*Legislative Information.* The committee discussed priority issues for the Director of Science Policy and recommend less activity in the area of biotechnology.

*Local Arrangements.* The meeting ran smooth with excellent support by the hotel and excellent facilities. However, the weather was uncontrollable. Charles Slack discussed the situation of being short on room reservations and is negotiating with the Hyatt national sales manager. No definitive resolution will be made until the hotel's take on rooms and food is determined.

*Resolutions & Necrology.* Motion to approve the resolutions passed.

*Future Site.* The committee had considered Columbus, Indianapolis, and Cincinnati were considered for the 2003 site, but preferred the Galt House at Louisville for November 30 to December 4. These dates will not conflict with the ASTA meeting dates. A straw poll indicated preference for a mid-December meeting over a late November-early December meeting. The committee will schedule the 2004 meeting for December 12 to 16.

*Computer.* Of the three sections with the LCD projectors and 29 possible papers, only 17 presentations used the projectors. There were several technical problems discovered in the morning before the sessions, but the sessions went well. The committee will proceed toward full use of LCD projection in all sections with the option of slide projectors for backup. At this time, all of the



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future hotels will allow the Society to bring in our own equipment. The Future Site Committee should inquire about the Society bringing in LCD projection equipment. The graduate students prefer the LCD projection option and request that options be developed regarding presentations. It was suggested that the graduate student paper coordinator develop guidelines.

*Resident Education.* Dave Johnson reported the summer contest will be on July 19, 2001 at Monmouth, IL and hosted by Monsanto. It was questioned on how the poster judges can efficiently judge posters during a 1.5 hour session. A split session was suggested to provide more time, but this would not help if poster topics were grouped on the same day. It would help if the number of posters to be judged was limited to six or seven. Increasing the number of sections would help limit the number of posters to be judged. It would also assist the judges if they had the abstracts prior to the poster session. Bob Hartzler stated that the abstracts could be provided. It was also suggested that the poster judges would benefit from having 8.5 by 11 inch copies of the posters to refer to after the poster session.

*Research & Publications.* The Research Report will only be developed as PC-compatible and it may not be possible to deliver the Report when the meeting occurs before December 10.

*New business.* Jim Kells addressed two issues to update the manual of operating procedures (MOP). First, that the Vice President be formally appointed as the chair of the Legislative Committee to track the activities of the DSP. This would require two changes to the MOP via a 30-day advanced notice ballot. Second was elimination of the Constitution and Operating Procedures Committee, a standing committee, and assigning the maintenance and other responsibilities to those of the Secretary-Treasurer, which would require a change in the bylaws via a 30-day advanced notice ballot.

## **July 18, 2001, Monmouth, IL**

*Minutes of the December Board Meetings.* The motion to accept the minutes of both meetings as written was passed. Chris Boerboom noted that the motions from the December meeting for the changes to the MOP were approved by a ballot of the Board. The MOP changes were to appoint the Vice President as the chair of the Legislative Committee to track the activities of the DSP and to eliminate the Constitution and

Operating Procedures Committee, a standing committee, and assign the maintenance and other responsibilities to those of the Secretary-Treasurer.

*Summer Contest.* Thirteen graduate (six mixed) and seven undergraduate (one 2-yr college) teams and eight individuals, totaling 88 students, will be competing in the North Central Collegiate Weed Science Contest. Forty five volunteers will provide assistance. The estimated cost to host the 2001 contest was \$14,000 to \$14,500. The 2002 contest will be held at the Dow station in near Fowler, IN in 2002. The site for the 2003 contest will likely be confirmed with Syngenta for their farm near Champaign, IL. The Education Committee's announced its intention to offer an undergraduate poster competition at the annual meeting and offer first and second place awards.

*Treasurers/Executive Secretary Report.* In a ten year history of annual meeting registration numbers, it was reported in 2001 there are 695 members, which is down about 75 from the previous year. This decline was attributed to lower registration at Kansas City because of the snow storm and the Zeneca and Novartis merger that was occurring at that time. Sales of the 2000 Proceedings and 2000 Research Report are 484 and 196 copies, respectively. Attendance at the 2000 annual meeting was 495 and the net gain was about \$4,300 for the meeting. Although we did not meet the minimum room allotment at Kansas City, a penalty (potentially \$15,000) was not assessed following negotiations.

Bob Schmidt reviewed income and expenses against the 2001 budget. Membership income is about \$8,600 below budget and income from publications is about \$8,000 below budget. Expenses for the Research Report and Proceedings were about \$3,100 less than expected. Considering the lower profit from the annual meeting, a projected loss for the year is \$6,900. Sustaining membership is down to 21 members from 32 members in 2000.

Duane Rathmann raised the philosophical issue of evaluating the direction of the NCWSS considering the declining registration at the annual meeting and the fiscal consequences. A broad ranging discussion ensued on the mission of NCWSS, potential for recruiting additional members or attendees, status of the industry, the low number of horticultural, turf, and environmental papers, and other issues and strategies. Duane Rathmann collected potential names for a committee to discuss the issue further.

*Proceedings.* Options for the Proceedings of the next meeting including having the abstracts on a CD (without an index) and available for sale at the meeting. The Proceedings could also be posted to the web with an index or an index could be posted on the web that matched the CD that was sold at the meeting. Implications of the media used for the Proceedings were discussed in relation to the distribution of the Proceedings to libraries and access of the Proceedings by the public. This would provide the public access and archive that is desired. Discussion ensued that approval of these actions should be obtained from the full Board. It was approved that the Proceedings be sold at \$25 to members and \$15 to students.

*Research Report.* Bryan Young noted that there were no complaints on the CD format for the Research Report. Electronic submission will continue and instructions will be posted on the web site. For the future, Macintosh compatibility will be dropped to cut production costs, but the auto boot feature will be maintained.

*Milwaukee Meeting.* Dallas Peterson presented the plans for the 2001 program including the general session and symposia on groundwater contamination issues, weed science graduate student development, and perspectives on resistance. There will be two poster sessions because of space constraints. Fees for the annual meeting and publications from past years were reviewed and current fees were discussed with consideration of expenses. By consensus, the cost of Research Report will stay the same at \$35 for members. Dallas Peterson moved that the annual meeting pre-registration fee be \$145 for members and \$50 for students. Bill Johnson seconded the motion and the motion passed. By consensus, the \$25 late fee will be maintained at the current level.

B. Pringnitz presented the plans for LCD projection equipment at the meeting. A similar format will be used for all paper sessions as last year where presentation files were preloaded on a single CD prior to the session. The necessary equipment will be obtained from volunteers within the society. The only media accepted for file submission will be CD-R. Slide projection equipment will still be available to all presenters. Bob Hartzler moved to authorize Bob Schmidt to get a policy to insure against damage or theft of electronic equipment for the week of the meeting. Dallas Peterson seconded the motion and the motion passed.

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

I am writing this two days after the tragedy which brought this country to a standstill and find it hard to focus my attention away from the events which have gripped us all. There is a stunned atmosphere of disbelief here in the capital coupled with a resolve to carry on once we have all somehow processed the feelings of horror and grief. There is a sense that we are all in a process of reevaluating our personal and our national priorities. Through this reevaluation we can hopefully turn this unspeakable tragedy into a positive force in both our private and professional lives. Through the ensuing reflection we can rededicate and redouble our efforts to improve conditions in the world around us. Personally, I feel privileged to work with the many weed scientists and other agriculturalists who have long since dedicated their careers to global peace and prosperity by improving our food supply and the quality of our environment.

### **What Lies Ahead**

The Farm Bill has been in high gear and was expected to receive prompt attention from the Senate Agriculture Committee shortly after Congress returned from the August recess. Although the current farm bill would not technically expire until 2002, the impetus to act quickly was coming from a need to secure an adequate share of the "surplus" funds being proportioned among many competing national priorities. Several members of the House Agriculture Committee had the foresight to recognize

that agriculture must act quickly to stake their claim as the budget surplus was first being allocated among priorities. If they waited until the current farm bill expires next year there would be no money left from the surplus for agriculture. As news of the declining surplus broke during August the pressure increased for fast action by the agriculture committees. At this moment it is difficult to say where agriculture will stand in the queue as national security, counter terrorism and reconstruction take center stage. My guess is that the \$40 Billion Emergency Supplemental bill will eliminate the original reasoning driving action on the farm bill this year. Instead we will probably not see final action on a new farm bill until next year when faced directly with the expiration of the current bill.

### **Worker Protection Standard (WPS) Progress**

On July 12 the USEPA sent us a letter to the Consortium of Crop Research Scientists that outlines new interpretations of several provisions of the WPS and other regulations as they apply to crop protection research workers. This letter marks the culmination of years of effort by many crop protection researchers to obtain appropriate recognition and accommodation of the unique pesticide use scenarios associated with crop protection research. The prescriptive reentry restrictions, central posting of treatments and field posting requirements specified in the WPS were among the issues that led to the formation of a coalition that included the WSSA, American Phytopathological Society, Entomological Society of America

and the National Association of Independent Crop Consultants. This coalition held several meetings with EPA beginning in 1996 and in 1998 submitted a formal petition to EPA seeking specific changes in the regulation.

The letter is five pages long and covers several different aspects of our original request and subsequent conversations. If you want to receive a copy of the full letter let me know at 202 408-5388 or robhedberg@erols.com. Of specific value to researchers are the following interpretations:

#### **1. Use of Registered Products in Laboratory and Certain Small Scale Testing**

"The agency presumes that certain laboratory, greenhouse and limited replicated field trial research use of registered products does not involve unreasonable adverse effects and, therefore, does not require an experimental use permit and need not conform to label requirements. Conditions for this presumption are specified in Experimental Use Permits (EUP) regulation (40CFR 172.3(b)-(c)). Thus, WPS requirements would not apply to the use of specific products that are the subject of this type of research."

(However, WPS requirements must be followed for use of pesticides that are not the subject of the research but are used for maintenance purposes.)

#### **2. Restricted Entry Intervals**

"Crop advisors, per the WPS, assess pest numbers or damage, pesticide distribution, or the status or requirements of agricultural plants. We would interpret this definition to include a researcher's collection of data and

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samples as a crop advisor task. This distinction is important because, under the WPS, persons performing crop advising tasks are considered **handlers** and as such are allowed to enter treated areas during the REI (Restricted Entry Intervals).”

**3. Central Posting** “In a research setting, we interpret this requirement such that a copy of the research notebook containing the prescribed information and amended as applications are scheduled and kept in an area accessible to employees would be sufficient to meet the central posting requirements.” The prescribed information referred to is “description of treated area, product name, EPA registration number, and active ingredient, time and date of application and the REI.

Although these interpretations fall short of the complete exemption we sought for research workers, they represent significant progress to reduce the burden of the WPS regulation on research workers. They represent what the agency can do in the short term to accommodate our needs without reopening and renegotiating a regulation that has had a very contentious history. Going forward we will need to work consistently with the EPA to make sure our needs are understood and addressed as they try to eliminate redundancy and improve efficiency by reworking both the WPS and Pesticide Applicator Certification and Training programs into one cohesive national program.

Several members of the Weed Science Society deserve special recognition for

their contribution to this effort. These include Jamie Retzinger, Henry Wilson, Jim Parochetti, and former presidents Cal Messersmith and Dan Hess.

### **CoFARM And National CFAR**

Through its membership in CoFARM (Coalition on Funding Agricultural Research Missions) WSSA is continuing work in support of the NCFAR (National Coalition for Food and Agriculture Research) effort to double federal funding for food and agriculture research over the next five years. CoFARM is a coalition of 21 Agricultural Science Societies and is also a member of NCFAR which is a broad based coalition of 107 members including universities, commodity groups, businesses and individuals. CoFARM was asked to chair the NCFAR research committee and WSSA is serving as the co-chair of this committee on behalf of the other CoFARM member societies. At this point the major tasks of the research committee are to document the historical benefits of agricultural research, to help describe the promising research horizons where investment is needed and to catalog the current federal investment in agricultural research across agencies and departments.

### **Hearings on Invasive Plants**

In the past several months there have been two hearings on invasive plants. One was held by the House Resources Committee, Subcommittee on National Parks, Recreation and Public Lands, chaired by Congressman Joel Hefley, (R-CO) to solicit testimony on H.R. 1462, The Harmful Non-Native Weed Control Act of 2001. The other hearing was held by the House Science Committee, Subcommittee on

Environment, Technology and Standards, Chaired by Congressman Vernon Ehlers (R- MI) to examine research on non-native species, especially in aquatic environments.

Details of the House Resource Committee hearing including testimony by Dr. George Beck of Colorado State University and comments submitted by WSSA can be found at: [http://resourcescommittee.house.gov/107cong/parks/2001june19/agenda2001\\_0619.htm](http://resourcescommittee.house.gov/107cong/parks/2001june19/agenda2001_0619.htm).

Details of the July 26, House Science Committee hearing, including the statement of the Aquatic Plant Management Society can be found at: <http://www.house.gov/science/ets/etshearings.htm>.

### **Preparations For a Major Inter-Organizational Weed Conference**

At the WSSA annual meeting the Board of Directors decided to work with other scientific societies and organizations to sponsor a major inter-organizational conference on invasive plants. Since February significant progress has been made laying the foundation for this conference that is anticipated in 2003. Under the leadership of Dr. Nelroy Jackson we have held several meetings with the Ecological Society of America and representatives of numerous agencies within the Departments of Agriculture and Interior. At this point there is a very high level and enthusiasm for indications of support for this conference which will be designed to bring several different scientific disciplines together along with the ultimate beneficiaries and users of invasive plant research.

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# People and Places

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## David Mortensen, Weed Scientist, Joins Crop and Soil Science Faculty at Penn State

David Mortensen recently joined the Penn State Weed Science group filling the Weed Ecologist vacancy. Mortensen moved to Penn State after 13 years in research and teaching at the University of Nebraska. His area of study centers on exploring geospatial methods for putting weed population dynamics and integrated management research into a spatial context. In the past, much of his research focused on row-crop agriculture, this focus will continue but will be expanded to include studies of invasive species in less intensively managed ecosystems. The underlying foundation to his research is the application of ecological principles in the design and assessment of sustainable cropping systems. In addition to his research Mortensen will be involved in teaching several courses in the Agroecosystems major. As a newcomer, Dave is initiating a number of new projects and team-oriented activities and has several position openings in his group. See the following article for more information about position vacancies. For additional information contact Dave at [dmortensen@psu.edu](mailto:dmortensen@psu.edu).



## Weed and Landscape Ecology Position Openings

I am pleased to announce several position openings in my group at Penn State University. I recently joined the faculty at Penn State and work in the area of Weed Ecology exploring geospatial methods for putting such population dynamics studies into a spatial context. If you are interested in learning more about these openings please contact me at [dmortensen@psu.edu](mailto:dmortensen@psu.edu) or call (814) 865-1906. Formal position descriptions are available upon request. I look forward to hearing from you.

## Post-Doctoral Research Associate

Candidate will conduct both empirical and simulation studies assessing the role of density dependent mortality and site heterogeneity on weed population dynamics. Over the past four years a wealth of data on *Helianthus annuus* and *Abutilon theophrasti* has been collected quantifying dispersal and environmental constraints and internal dynamics limiting the spatial extent of these species. The candidate will work collaboratively to conduct additional field studies and in refining a spatially explicit population dynamics model for the two species.

## Weed Ecology Technical Support

This position is responsible for the day to day support of field research on weed population dynamics. Such research involves both a field component as well as support of a state-of-the-art geospatial lab (support will be shared with one other person). Candidates should possess a Master of Science degree in Ecology,

Geography or Agronomy and must enjoy work in the field and in a information technology lab. The flexibility exists to fill this position in a way that permits the candidate to pursue an advanced degree concomitant with work duties.

## Graduate Research Assistantship in Weed Ecology

I seek a talented self-motivated student to join me in our work to more fully understand conditions that result in successful establishment and spread of weedy species. In the past, much of my work has been confined to row-crop agriculture, this focus will continue but will be expanded to include studies of invasive species in less intensively managed ecosystems. The assistantship will support a Master of Science or Doctoral candidate. Students with a strong interest in agroecology, integrated weed management and the application of ecological principles to improve our understanding of weedy plants are encouraged to apply.

If you are interested in learning more about these openings please contact Dave at:

David Mortensen  
Weed Ecologist  
Department of Crop and Soil Sciences  
215 ASI Building  
Penn State University  
University Park, PA 16802  
Phone: (814)865-1906  
Fax: (814)863-7043  
E-mail: [dmortensen@psu.edu](mailto:dmortensen@psu.edu)



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## People and Places

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### **Mike Christoffers, Weed Molecular Geneticist, North Dakota State University**

Dr. Mike Christoffers recently joined North Dakota State University as a faculty member in the Department of Plant Sciences. A native of Lake Park, MN, Mike received a B.Sc. degree from NDSU in crop and weed sciences. He completed a Ph.D. program in genetics at the University of Missouri-Columbia, and then returned to Fargo, ND, to fill a post-doctorate position examining the genetic foundation for ACCase-inhibitor resistance in wild oat. Dr. Christoffers' faculty appointment includes responsibilities in weed genetics research and undergraduate genetics instruction.

### **Shawn P. Conley, Cropping Systems Specialist, University of Missouri**

Dr. Shawn P. Conley recently joined the University of Missouri, Columbia as a faculty member in the Department of Agronomy. A native of southern Wisconsin, Shawn received a B.Sc. degree from the University of Wisconsin, Madison in agronomy. Shawn also completed his PhD. program in horticulture – weed science at the University of Wisconsin, Madison. Dr. Conley's faculty appointment includes extension and research responsibilities in cropping systems and alternative crops.

### **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) or Reid Smeda (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)).

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## WSSA UNDERGRADUATE RESEARCH AWARD – 2002

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

**AWARD:** Up to \$1,000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2002. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

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

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

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

**HOW TO APPLY:** The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: [jjjachetta@dowagro.com](mailto:jjjachetta@dowagro.com). Proposals should be received no later than November 15, 2001. Funding decisions will be made by January 25, 2002 and presented at the 2002 WSSA National Meeting Awards Banquet.

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# Career Placement Service

## North Central Weed Science Society

### Type or print neatly

Position Desired \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Will you be attending NCWSS?  yes  no WSSA?  yes  no

Will you be presenting a paper at NCWSS?  yes  no WSSA?  yes  no

Local address at meeting (refer to message board) \_\_\_\_\_

### Employment Desired:

#### I. Public

Research (Lab) Extension

Research (Field) Teaching

Graduate Teaching

#### II. Private

Product Development

Sales

Technical Service

Research (Lab)

Research (Field)

Notes (Date Available) \_\_\_\_\_

Title information - Citizenship \_\_\_\_\_

Educational Background	Year	Major /Field
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\_\_\_\_\_

\_\_\_\_\_

M.S. Thesis (Title/Completion Date) \_\_\_\_\_

Ph.D. Dissertation (Title/Completion Date) \_\_\_\_\_

### Employment

Position	Employer	Dates	Responsibilities
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\_\_\_\_\_

\_\_\_\_\_

Travel Limitations \_\_\_\_\_

Geographic Limitations \_\_\_\_\_

### Instructions:

1. Resume may be enclosed if one page or less.
2. Check in at the NCWSS Career Placement Office as soon as possible to establish your local (conference) address so potential employers may set up interviews with a message board available for this purpose.
3. Your form will be forwarded to WSSA after the NCWSS unless requested otherwise.
4. Return completed form to: Henry McClean, Syngenta Crop Protection, Inc., P.O. Box 18300, Greensboro, NC 27419-8300, phone 336-362-7246, fax 336-632-6021.

# CAST membership Application

Fill out and return this form to join CAST's global effort to communicate science to public leaders.

Dr.  Mr.  Ms.      NAME

Address

Address

City

State

ZIP Code

Country

Phone

Fax

E-Mail Address

Job Title

Employer

Professional Memberships (acronyms only)

Type of CAST Membership (CATEGORIES OF MEMBERSHIP on page 4)  Individual/\$40       Century Club/\$100       Lifetime Membership/\$2,500

Form of Payment:  Check     Visa     MasterCard     Discover     American Express

Card Number

Expiration Date

Signature

Thanks for helping NCWSS By joining CAST!

Fax your membership application by credit card toll-free to 1-800-375-2278, or mail to CAST, 4420 West Lincoln Way, Ames, IA, 50014-3447.  
Ph. (515) 292-2125, Ext. 26

Source Code: NCWSS