Meet Me in St. Louis!

Time is drawing near for the 57th annual conference of the North Central Weed Science Society on December 2 through 5, 2002. St. Louis and your local arrangements committee anxiously await the opportunity to host this annual event. The Hyatt Regency St. Louis, our conference site, offers excellent facilities for our meeting and the staff is doing everything possible to ensure the success of our meeting.

Michael Horak, your 2002 Program Chair, has assembled a program that considers pertinent topics in weed science including application technology, weed shifts and glyphosate resistance and management of resistance.

The Hyatt Regency St. Louis is located within the heart of St. Louis Union Station in downtown St. Louis. As part of this National Historic landmark, the Hyatt Regency St. Louis reflects the grace and opulence of Romanesque architecture and enjoys proximity to the business, financial and sports venues as well as cultural and tourist attractions.

“A city within a city,” St. Louis Union Station spans over 11 acres. This urban marketplace contains a variety of specialty shops, stores and restaurants, a one-acre lake, four active train tracks along with a number of public spaces for special events, concerts and community activities.

Union Station was constructed with the goal of consolidating the numerous railroad entries and exists of the St. Louis area. Union Station opened as the largest and most beautiful terminal in the United States on September 1, 1894. The project was built at a cost of $6.5 million. The gem of the Station was the Grand Hall with gold leaf, Romanesque arches, 65-foot vaulted ceilings and stained glass windows. The most magnificent of these stained glass windows is the “Allegorical Window” which is majestically framed by the famous “Whispering Arch. In its
heyday in the mid 1940’s, Union Station saw over 100,000 passengers find their way to or from a train. The platform areas was covered by an enormous single-span train shed which is visible along Highway 40. This was one of the largest train sheds ever build and also covered the greatest number of tracks. After World War II, the general public began choosing other forms of transportation. Finally, on October 31, 1978, the last train pulled out of St. Louis Union Station. Union Station reopened in August 1985 following $150 million in restoration.

Please plan to join us at the Hyatt Regency St. Louis, One St. Louis Union Station, St. Louis (314-231-1234) on December 2 to 5, 2002 for the NCWSS annual meeting. Annual meetings held in St. Louis have historically been well attended. To guarantee your room at the Hyatt, please promptly respond by telephone or return your reservation information form to the hotel no later than November 15, 2002. Reservations received later than the November 15 cutoff date will be accepted on a rate and space availability basis only.

Please contact Local Arrangements Committee Chair Tom Peters at tom.j.peters@monsanto.com or 636-737-7679 if you have questions, comments or suggestions about the meeting. Contact Greg Elmore at greg.a.elmore@monsanto.com or 314-694-4379 to schedule meals, hospitality rooms or other special events. Contact Ronald Krausz at rhrausz@siu.edu if you need information about a sustaining membership displays or poster setup. See you in St. Louis!

Hotel Directions:
To the Hotel from Lambert Airport: (Approximately 20-30 Minutes)

A. 70 East. Exit Memorial Drive East. Turn right at the 3rd light (Market Street). Stay on Market Street until 18th Street. We are on the left hand side.

OR

B. 70 East to 170 South to 40 East. Exit at 20th at Chestnut. Turn right at the light (20th Street). Turn left at the next light (Market Street). We are on the right.

To Lambert Airport from the Hotel: (Approximately 20-30 Minutes)

C. Take Market Street East toward the river (Downtown). Turn left on 4th street. Right on Chestnut. Left on Memorial to 70 West to Airport.

OR

D. Take Market Street West (away from downtown). Turn left on Jefferson. 40 West to 170 North. Exit Airport (on left).

To Hotel via 40/64 East: Same as airport directions B.

To Hotel via 44 East: Exit Jefferson. Turn left at the light. Turn right at Market Street, five blocks on right hand side.

To Hotel via 55 North: Exit Memorial Drive. Turn left on Market Street (two blocks). Follow Market Street to 18th Street. We are on the left hand side.

To Hotel via 55 South, 64 West, 40 West or 70 West: Stay in the left hand lane under I-64 signs (while on bridge). Once across the bridge, follow I-64 West for one mile. Exit Market at 21st Street. Turn right at the light (Market). We are three blocks on the right.

Parking Options:

Valet: (Available at Market Street)
$6 per car — Up to Three Hours
$9 per car — Three to Six Hours
$18 per car — Over Six & Up to 24 Hours

Self: (Available at 18th & 20th Streets)
$2 per car — 1st Half Hour
$1 per car — Each Additional Half Hour
$12 per car — Maximum for up to twenty-four Hours

Transportation To & From Airport:
Metrolink (www.bi-state.org):
From Airport to Hyatt: $3.00
From Hyatt to Airport: $1.25
Running Time:
M-F 5:00am-1:00am
Sat 5:00am-2:00am
Sun 5:30am-midnight
Phone: (314) 231-2345
***Good for single travelers, with minimal luggage***

TransExpress Shuttle (www.transexpress-stl.com):
One Way: $11
Round Trip: $20
Running Time: From Hyatt to airport: 5:50 am - 6:10 pm (Please call 4 hours prior for evening transfers)
Runs every 20 minutes from airport to downtown
Reservation Hours: 6 am-10 pm / seven days a week
Phone: (314) 427-3311
(GetValue call if pickup is needed to the airport after 6:30pm)
TransExpress Shuttle Desks at Baggage Claim near exit MT-12 (main terminal) and near information booth (east terminal).

Taxi Service:
One-Way: Approximately $30
Its amazing how quickly things change in our jobs, society, and everyday life. We readily adopt new technologies and changes to improve our professional and personal lives. Likewise, professional societies such as NCWSS also must adapt to changing times to meet the needs of our members and remain fiscally strong. Several changes were approved at the summer executive board meeting that will be evident at our annual meeting and in the services provided by NCWSS this coming year. Many of these changes were recommended by the Long Range Planning Committee, based on discussions at the last annual meeting and input from membership. These changes hopefully will enhance membership services and improve the efficiency and fiscal standing of the society.

The most obvious changes will be the combining of the Proceedings and Research Report onto a single CD, and the bundling of these publications into the annual meeting registration. Combining both publications onto a single CD greatly reduces the cost of publication, and provides easy access and indexing to both publications to all registrants at the annual meeting. Bundling subscription to the publications into meeting registration increases distribution and simplifies registration. The cost of annual meeting registration will increase, but will automatically include the new CD. An increase in meeting registration fees was inevitable to continue to cover the costs of the annual meeting and society operations. The meeting registration fee is still a bargain compared to registration cost for other professional meetings. It is important to remember that NCWSS meeting registration also includes membership dues, which are not included in the meeting registration fees for most other professional societies.

Program Chair Michael Horak and Local Arrangements Chair Tom Peters have been working hard to organize an exciting program for our annual meeting at the Union Station Hyatt Regency in St. Louis this December. The Hyatt hotels have become a regular host for our annual meetings and have been very accommodating. A new scholarship sponsored by the Hyatt Hotel chain has been initiated as a result of the strong relationship between NCWSS and Hyatt. The scholarship will be awarded to the undergraduate winner of the summer contest in the form of free lodging at the next annual meeting. The scholarship is a reward to the individual winner, and also helps recognize the strong association NCWSS has developed with the Hyatt Corporation. Thanks to Fred Reichelt with Hyatt and Charlie Slack for their help initiating this award.

The summer collegiate contest was a success again this year. Congratulations to all participants, and special thanks to Mark Peterson, all the staff at the Dow AgroSciences Midwest Research Center, and to the other volunteers for helping with the contest.

Finally, I want to encourage all NCWSS members to stayed involved with the society and its activities. Please provide comments and suggestions to board members on how to continue to improve society operations and functions. NCWSS is your society and needs your input. I hope everyone had a great summer and I look forward to seeing you in St. Louis.

— Dallas Peterson

Monsanto Facility Tour and Visit

As part of your visit to the St. Louis, MO area for the 2002 North Central Weed Science Society annual meeting, Monsanto invites you to join us for a visit to our research facility in nearby Chesterfield, MO. The Chesterfield Research Facility opened in 1984 to service Monsanto's developing agriculture biotechnology and research efforts and is dedicated to the discovery, development and stewardship of agricultural and pharmaceutical products.

The visit will include a walking tour of the facilities, visits with research scientists in their laboratories and presentations and displays on current topics critical to agriculture and weed science. Representatives from many functions and management groups across Monsanto are looking forward to this interaction with you.

The tour will take place Monday, December 2. Transportation will be provided departing from the Hyatt Regency at 1:00 pm and returning at approximately 5:30 pm. To reserve your participation, send an email to planning.meeting@monsanto.com no later than October 31. Please provide the name and affiliation for everyone in your group. We will respond directly to you with confirmation and final details. See you in December.
NCWSS Summer Contest — Winning Teams

Graduate

1st Overall Graduate Team — University of Missouri: Chris Schuster, Joe Cordes, Brent Sellers, & Dana Harder

2nd Overall Graduate Team — University of Illinois: Jeff Bunting, Ryan Hasty, Kurt Maertens, & David Alderks

3rd Overall Graduate Team — Michigan State University: Aaron Franssen, Eric Nelson, Trevor Dale & Corey Guza

Undergraduate

1st Overall Undergraduate Team — Ohio State University: Matt Bambauer, Andy Westhoven, Mark Menke, & Nathan Whitney

2nd Overall Undergraduate Team — Western Illinois University: Nick Fassler, Faron Reynolds, Dave Kraushaar, & Vince Davis

3rd Overall Undergraduate Team — North Dakota State University: Brian Michels, John Christianson, Kristie Clark, & Jay Hansen
NCWSS Summer Contest — Overall Individual Winners

Written Sprayer Calibration: — Mark Berrards - Michigan State University

Overall Undergraduate Individual — 1st: Dana Harder – University of Missouri; 2nd: Dave Smith - Purdue University (not shown); 2nd: Mark Menke – Ohio State University; 3rd: Matt Bambauer – Ohio State University

Field Sprayer Calibration — Ohio State University (Undergraduate Team): Matt Bambauer, Andy Westhoven, Mark Menke, & Nathan Whitney

Problem Solving — Ryan Hasty – University of Illinois

Overall Graduate Individual — 1st: Dave Hillger – Purdue University; 2nd: Kim Pavelka – University of Nebraska-Lincoln; 3rd: Brent Sellers – University of Missouri

Weed Identification — Brent Sellers – University of Missouri; Unknown Herbicide (4-Way Tie) — Brent Sellers - Univ. of Missouri; (Highest Tie Breaker) Chris Schuster - Univ. of Missouri; Dave Hillger - Purdue University; Jeff Bunting - University of Illinois

Written Sprayer Calibration: — Mark Berrards - Michigan State University
2002 Annual Meeting Program

The program for the 2002 NCWSS Annual Meeting in St. Louis, Missouri (December 2-5) has been finalized. The meeting will emphasize current weed science issues and trends, starting with a general session keynote address by Roger Cousens, University of Melbourne, Victoria, Australia entitled “Weed Science: Where Are We and Where Should We Be?” Also featured on the program are Rob Hedberg, Director of Science Policy, National and Regional Weed Science Societies, Washington, D.C. and Teresa Gruber, Executive Vice Director of CAST, Washington, D.C. The general session should be of interest to all society members as we consider the trends that are shaping our science.

Three outstanding symposia entitled “Weed Community Shifts”, “Glyphosate Resistant Weeds: Status, Prevention and Management”, and “Application Equipment and Technology as it May Influence Weed Control in the Future” have been scheduled for the meeting. These symposia will provide in depth analysis of topics of major interest to scientists in our region.

A total over 200 poster and paper presentations are scheduled on a variety of weed science topics from learning about weed control in new crops (“Guar tolerance to herbicides”), to learning about new herbicides (“Camix herbicide for corn”), to learning about the ecology of weeds (“Landscape assessment of weed communities”). Don’t know what guar, Camix or Landscape Assessment are? — find out! The 2002 NCWSS annual meeting is shaping up to be an exciting and informative event that you will not want to miss!

Report from CAST

Some of the recent activities concerning the Council for Agricultural Science and Technology are discussed below. More details on some of these items can be found on the CAST web site (www.cast-science.org).

- Recent CAST Publications:
  - Comparative Environmental Impacts of Biotechnology-derived and Traditional Soybean, Corn, and Cotton Crops., June 2002. $50.00.

- CAST Essay Contest: Boundless Science for Bountiful Agriculture is an essay contest for sixth, seventh, eighth grade students across the nation that encourages students to learn about a variety of issues dealing with agricultural science. Essays of no more than 500 words must be submitted online by November 1, 2002.

- President Elect Selected: The CAST board of directors recently elected Dr. Dale Maronek as our next president-elect. Dr. Maronek is a professor and head of the Department of Horticulture and Landscape Architecture at Oklahoma State University, and currently represents the American Society of Horticultural Science on the CAST board of directors. He will assume his new office following the September board meeting.

- Dr. Charles Black: Dr. Black, first president of CAST, died July 6, 2002. He provided leadership in the Dept. of Agronomy at Iowa State University and was a lifelong advocate of the role of science in public policy decision making.

- Membership Partners Program: NCWSS received $215 this year as a result of 12 of our members joining CAST as a new member. CAST is continuing this program for next year’s membership cycle. When you join as a new member of CAST as a century, lifetime or regular individual membership, you help the NCWSS and receive several benefits. Check the CAST web site for the types of memberships offered and benefits you can receive as a CAST member.
Graduate Research Assistant/Instructor

Agronomy, 0.7 time, Position
Dr. J. Anita Dille, Advisor
Location:
Department of Agronomy
Kansas State University
Manhattan, KS 66506-5501

Job Responsibilities: The Department of Agronomy has 80 acres of land at the Agronomy North Farm that is to be developed into a Learning Farm, a location dedicated to experiential learning activities for undergraduate students in Agronomy, Plant Pathology, and Biological and Agricultural Engineering. The GRA/instructor will coordinate planning meetings and field activities among the Teaching Faculty, staff, students and the Farm Manager. The candidate will be responsible for scheduling class trips, compiling field data (GPS, GIS, database management), and developing a web site to highlight Learning Farm activities. The GRA/instructor will assist in recruiting and supervising undergraduate research assistants and summer interns working with Teaching faculty at the Learning Farm. The GRA/instructor will also be expected to complete an MS or PhD research degree in any area of Agronomy (soils, crops, and weed sciences).

Qualifications: B.S. or M.S. in Agronomy, Plant Sciences, Soil Sciences, or related discipline. Demonstrated excellence in written ability and oral communication skills. Teaching experience desirable.

Stipend and Fees: Annual stipend is $19,608 for M.S. candidate and $20,762 for Ph.D. candidate. Graduate Assistants are considered Kansas residents and annual tuition and fees range from $2,250 to $3,750, depending on total credit hours. A State of Kansas Board of Regents-sponsored student health insurance plan is available at special rates.

How to apply: Send letter of application, including a statement of career objectives, resume, transcripts, and three letters of reference to:

Graduate Coordinator
Kansas State University
Department of Agronomy
2004 Throckmorton Plant Sciences Center
Manhattan, KS 66506-5501

Date available: September 1, 2002
Application deadline: Applications are currently being accepted, until position is filled. For additional information, please contact Dr. J. Anita Dille at (785) 532-7240 or send e-mail to dieleman@ksu.edu

Andy Schmidt joins Brunswick Agricultural Services

Andy Schmidt recently joined Brunswick Agricultural Services as an Agronomy Sales Manager in Brunswick, Missouri. Andy will be responsible for technical service of seed, fertilizer, and precision agricultural services in central and northwest Missouri. Andy grew up on an integrated crop and livestock farm near Big Spring, MO, received a B.S. degree in Plant Science/Agronomy from the University of Missouri in 2000 and a M.S. in Agronomy/Weed Science from the University of Missouri under the direction of Bill Johnson in 2002.

University of Illinois - Graduate Research Assistantships

Weed scientist in the Department of Crop Sciences at the University of Illinois is seeking qualified graduate students to conduct field, greenhouse, and laboratory research on weed biology and management in pursuit of a M.S. or Ph.D. degree. Research interests focus on investigating the biology of problematic weed species in corn and soybean production systems to enhance management. Interested students should contact Dr. Aaron Hager (hager@uiuc.edu) for additional information and application procedures.

Purdue University - Graduate Research Assistantships

Weed Scientists at Purdue University are seeking qualified students to conduct field, greenhouse, and laboratory research in pursuit of M.S. or Ph.D degrees. Qualified applicants will have a B.S. or M.S. or equivalent training in Weed Science, Agronomy, Soil Science, Plant Physiology, Plant Pathology or Plant Ecology. Research assistantships provide an annual stipend and tuition is waived.

Specific research foci for thesis/dissertation projects could include the following:

- Ecological studies of the relationship between weeds, insects and crop diseases and the how the adoption of biotechnology influences these relationships
- Evaluation of yield loss and weed seed production with computerized weed management decision aids
- Biology and management of herbicide-resistant weeds
- Biology and ecology of invasive weeds
- Biological control of weeds
- Weed science at the molecular level

For more information, contact:

Academic Secretary
Department of Botany and Plant Pathology
Purdue University
915 W. State Street
West Lafayette, Indiana 47907-2054
Phone: (765) 494-0352
FAX: (765) 494-0363
E-mail: botany-academic@purdue.edu
Web http://www/btny/purdue.edu/
NCWSS Thanks BellSpray

The NCWSS would like to thank BellSpray Inc., 419 Hwy. 104, Opelousas, LA 70570 (www.co2sprayers.com) for supplying new spray regulators and financial support of the NCWSS Summer Weed Science Contest. This type of support is a tremendous asset to the contest and is greatly appreciated by the contestants, coaches, and hosts.

The NCWSS needs you!!!

If you are interested in learning more about the NCWSS and in serving the society, please plan to attend the NCWSS committee meeting of your interest.

All committees will have a business meeting at the Convention. Check the NCWSS meeting program (arriving later this fall) for the meeting room and time. All committee meetings are open to society members & most need new members for 2003.

Urgent - Email Addresses Needed from NCWSS Membership

Please remember to include your email address on the meeting registration form or leave a business card at the registration desk at the meeting. NCWSS is in the process of updating our database and database capability and this information will be helpful in establishing mailing lists for the State Directors.

Judges needed for NCWSS contests

The Resident Education Committee requests volunteers to help judge in the graduate student poster and oral paper contests. To volunteer to judge, please contact the following people.

For the Graduate Student Paper Contest:
Don Pullins
Vice Chair, Resident Education Committee
Syngenta Crop Protection
Northern Regional Technical Center
495 County Road 1300 North
Champaign, IL 61822
217/863-5300
don.pullins@syngenta.com

For the Graduate Student Poster Contest:
Christy Sprague
2nd Vice Chair, Resident Education Committee
N323 Turner Hall
Department of Crop Sciences
1102 South Goodwin
Urbana, IL 61801
217/333-9655
csprague@uiuc.edu

For the Undergraduate Student Poster Contest
Kassim Al-Khatib
Chair, Resident Education Committee
Kansas State University
Agronomy - 2004 Throckmorton
Manhattan, KS 66506-5501
785/532-6101
khatib@ksu.edu

Your support and service to the Society are greatly appreciated!
WSSA UNDERGRADUATE RESEARCH AWARD – 2003

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 2003. 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@dow.com. Proposals should be received no later than November 15, 2002. Funding decisions will be made by January 25, 2003 and presented at the 2003 WSSA National Meeting Awards Banquet.
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                                            II. Private
❑ Research (Lab) Extension                      ❑ Product Development  ❑ Research (Lab)
❑ Research (Field) Teaching                      ❑ Sales                ❑ Research (Field)
❑ Graduate Teaching                            ❑ Technical Service

Notes (Date Available) ____________________________________________________________
Title information - Citizenship ______________________________________________________

Educational Background
Year                  Major /Field
______________________________________________________________________________________
______________________________________________________________________________________
M.S. Thesis (Title/Completion Date) _______________________________________________________
Ph.D. Dissertation (Title/Completion Date) ___________________________________________________

Employment
Position      Employer      Dates         Responsibilities
______________________________________________________________________________________
______________________________________________________________________________________
______________________________________________________________________________________

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: Eric Spandl, Agriliance, P.O. Box 64089 MS#370, St. Paul, MN 55164, phone 651-451-5383.
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
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 (wgjohnso@purdue.edu). Otherwise, contact:

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Lilly Hall of Life Sciences
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West Lafayette, Indiana 47907-2054
Email wgjohnso@purdue.edu
Phone (765) 494-4614

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