

NCWSS *News*

North Central Weed Science Society

Volume 16, Number 3, Fall 1999

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NCWSS Program on the Web

The entire NCWSS program is now available at the NCWSS Web Site. The address is: <http://www.ncwss.iastate.edu>



North Central
Weed Science Society

Columbus Ready to Welcome NCWSS

The city of Columbus and your local arrangements committee are looking forward to hosting the 1999 NCWSS annual meeting. The Hyatt Regency Columbus is an outstanding facility, and the Hyatt staff are going out of their way to ensure a successful meeting. Jim Kells, Program Chair, is working to make sure the program has something for everyone.

In case you need a break from an intense meeting schedule, Columbus has a number of attractions and activities you might consider for entertainment. These include attending an OSU basketball game at the Value City Arena, a visit to the Franklin Park Conservatory, or an evening visit to the Columbus Zoo to view the splendor of millions of holiday lights. The new home of the city's center of science and industry, COSI Columbus, will open in November and promises to be an architectural and technological wonder not to be missed. A short walk or taxi ride takes you to most of

these attractions, in addition to a number of excellent restaurants and nightspots.

Plan to be with us at the Hyatt Regency Columbus, 350 North High Street, Columbus, OH 43215 (614-463-1234), in downtown Columbus December 13 to 16, 1999 for the NCWSS annual meeting. To guarantee your room at the Hyatt, please phone or mail your reservation form before November 13. If you have questions, comments, or suggestions about the meeting please contact the Local Arrangements Committee Chair, Mark Loux, or the appropriate subcommittee chair. We look forward to seeing you in December.



Getting There— Columbus in 1999

Transportation

Columbus is serviced by Port Columbus International Airport. Transportation from the airport is accessible from the lower level outside the baggage claim area. In addition to the Hyatt shuttle, local limousine and taxi service is available. The Hyatt Regency Columbus (not the Hyatt Capitol Square) is less than 10 miles from the airport, so both modes of transportation are reasonable.

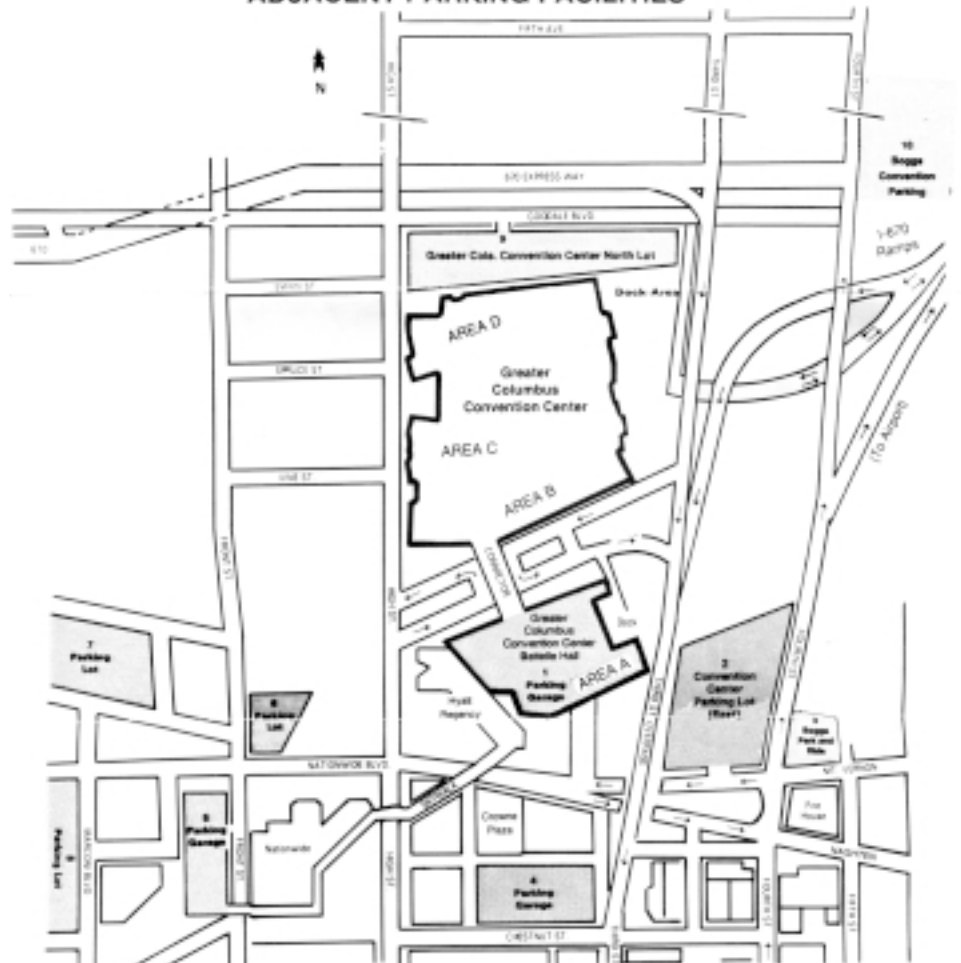
If you are driving to Columbus, the Hyatt Regency Columbus (not the Hyatt Capitol Square), at the corner of Nationwide Boulevard and High Street, is easily accessible from Interstates 70 and 71. The Hyatt is next to the Columbus Convention Center, for which local signs provide directions. Underground parking is available directly east of the Hyatt on Nationwide Boulevard, but parking of vans and trucks is restricted. An outside parking lot is available about one block east of the hotel on the same street. There is a daily charge for both parking areas.

Directions:

- From Port Columbus: I-670 west, Exit 4-B to the Convention Center.
- Traveling I-70 east or west, Fourth Street Exit, North on Fourth to Nationwide Boulevard.
- Traveling I-71 north, take I-71 to I-70 east to Fourth Street Exit, North on Fourth to Nationwide Boulevard.
- Traveling I-71 south, take I-670 west, Exit 4-B to the Convention Center.

Note: For best access to the loading docks to unload sustaining member exhibits, go north from the Hyatt on High Street, turn left on Spruce Street, and look for the I-670 Entrance. Take I-670 east to the 3rd Street exit and look for the loading dock area by the Hyatt/Battelle Hall.

GREATER COLUMBUS CONVENTION CENTER
ADJACENT PARKING FACILITIES



From Your NCWSS Newsletter 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 (michael.j.horak@monsanto.com). Otherwise, contact: Michael Horak
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MC V2B
800 N. Lindbergh Blvd.
St. Louis, MO 63167
(314) 694-3476

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1508 West University Avenue
Champaign, IL 61821-3133
Phone: (217) 352-4212
FAX: (217) 352-4241

1999 Annual Meeting Program

The program for the 1999 Annual Meeting in Columbus, Ohio, on December 13-16 has been finalized. The theme for this year's meeting is Weed Science in Transition. Consistent with this theme, there will be two keynote presentations in the General Session. Dr. Eric Ward (Novartis) and Dr. Kriton Hatzios (Virginia Tech) will address the topic "Weed Science in the Era of Biotechnology" from an industry and university perspective, respectively. These presentations should be an excellent kickoff for the meeting.

There will be three outstanding symposia during the meeting. Dave Johnson has organized a symposium on Forensic Weed Science which will be held Wednesday morning. On Wednesday afternoon, a symposium on Biology and Management of Weed Seed Banks, organized by Frank Forcella, will be held. On Thursday morning, a stand-alone symposium entitled "Biotechnology: A Catalyst for Change in Weed Science" will serve as the wrap-up of the meeting.

In addition to the symposia and general session, there will be 73 posters and 150 papers presented during the meeting. The 1999 NCWSS annual meeting is shaping up to be exciting and informative. Don't miss it!

Don't forget to bring 50 copies of your abstract for distribution.

Information for Spouses at the 1999 NCWSS Meeting

The Local Arrangements Committee looks forward to hosting the spouses of NCWSS attendees this year. Due to low numbers of participants in the tours offered in previous years, we have planned no formal tours this year. With the help of the Columbus Visitors Bureau, we will provide information on attractions and activities around Columbus and work to provide transportation where necessary. There will be a spouses program room at the Hyatt Hotel where participants can meet to plan daily activities, have coffee and rolls, visit with friends, or just relax. For more information on possible attractions and activities, please contact Kent Harrison on the Local Arrangements Committee (614-292-8468).

Placement Service

The NCWSS Career Placement Committee will operate a placement service at the 1999 annual meeting. This issue of the Newsletter contains copies of the "Positions Desired" and "Positions Available" forms. Please photocopy and complete these forms as needed. It is preferable that you send the completed forms by December 1, 1999 to: Bob Hartzler, Department of Agronomy, Iowa State University, Ames, IA 50011 or Fax to 515-294-1923. As in the past, a Career Placement Room will be available at the annual meeting. Please check in at the Career Placement room soon after your arrival to convey your local (conference) address, and make contacts with interested parties.

1999 NCWSS Local Arrangements Committee

LAC Chairperson	Mark Loux	614-292-9081
Audio/Visual	Tony Dobbels	614-292-1393
Banquet/General session	Marsha Martin	614-888-9966
Information/Spouses	Kent Harrison	614-292-8468
Meals/Breaks	Diane Kintner	740-587-1013
Posters/Sustaining members	John McCormick	614-292-1393
PR/Press	Brian Manley	614-527-0766
Registration	Paul Sprankle	614-794-0096
Signage	Brad Miller	740-983-1722
Hospitality/Room needs	John Smith	740-982-2626

Help needed: Graduate Paper and Poster Contest Judges

If you are willing to be a contest judge for the graduate student paper or poster contest at the 1999 December meeting, please contact:

Paper Contest:

Reid Smeda
Department of Agronomy
University of Missouri
202 Waters Hall
Columbia, MO 65211
573-822-2001

Dave Johnson
American Cynamid
1265 Forest Ridge Trail
Apt 8
Eagan, MN 55123
612-686-2834

NCWSS News

The Board of Directors has approved a change in the Society's by-laws which removes Board positions for Alberta and Manitoba. Although there will be no formal representation on the Board, weed scientists from these two provinces are encouraged to attend the annual meeting and become active members of NCWSS.

University of Illinois—Graduate Research Assistantships

Weed scientists in the Department of Crop Sciences at the University of Illinois are currently seeking qualified graduate students to conduct field, greenhouse, and laboratory research in weed science. Research interests and expertise of the weed science faculty members cover aspects of weed ecology, soil-herbicide interactions, weed management systems for corn and soybean, herbicide physiology and biochemistry, and molecular weed science. The University of Illinois weed science program includes three assistant professors who recently began their programs and are actively recruiting graduate students. Inquire by email to any of the faculty members listed below for additional information and application procedures.

Christy Sprague, Assistant Professor of Weed Science Extension (csprague@uiuc.edu): Research interests include enhancement of weed management systems for corn and soybean production, evaluation of novel herbicides to determine their utility in Illinois agronomic production systems, and biology and management of problematic weed species in Illinois.

Patrick Tranel, Assistant Professor of Molecular Weed Science (tranel@uiuc.edu): Ongoing research includes molecular mechanisms of herbicide resistance, biotypic variability of cocklebur, biology and genetic relationships among the weedy Amaranths, and molecular mechanisms of weed competition.

Dean Riechers, Assistant Professor of Weed Physiology (riechers@uiuc.edu): Research interests include herbicide metabolism and detoxification in crops and weeds, molecular mechanisms of herbicide selectivity, and influence of safeners on enzyme activity and detoxification systems in cereal crops.

NCWSS Recognizes R&D Sprayers

The Board of Directors of NCWSS recognizes the financial support of the North Central Collegiate Weed Science Contest by R&D Sprayers (now Bellspray Inc). This financial support has been very helpful in maintaining the high quality of the contest.

Herbicide CD Available from Minnesota

A new CD-ROM produced by the University of Minnesota Extension Service uses video, slides and print to show how herbicides work.

Designed for agricultural professionals and weed science students, "Herbicide Mode of Action and Crop Injury Symptoms" features corn, soybeans, small grains and sugar beets. It can help you select herbicides, diagnose crop injury problems and prevent herbicide-resistant weed problems.

There's lots of information, but it's easy to navigate through. You'll find more than 500 color photos and images, animations illustrating how herbicides control weeds, an illustrated glossary, crop photo library and Internet access to Herbicide Mode of Action websites.

The CD works with Mac, Windows and NT platforms. Jeff Gunsolus, weed scientist with the U of M Extension Service, and a team of co-workers developed it. It's available for \$40 for students and non-profits and \$80 for profit organizations (plus taxes, shipping and handling charges in both cases).

For details, check with the Extension Service Distribution Center, e-mail order@extension.umn.edu, fax (612) 625-6281, or call (800) 876-8636.

**Don't forget to bring
50 copies of your
abstract for
distribution**

Dr. Charley Edward Rieck Dies at 57

Dr. Charley Edward Rieck died June 11, 1999 after a lengthy illness. He was born January 15, 1942 and was raised near Fletcher, Oklahoma. After graduating from Fletcher High School, he received a B. S. and M. S. in Agronomy from Oklahoma State University and a Ph. D. from the University of Nebraska.

Charley's professional career began as an assistant professor at Clemson University. He was a member of the faculty of the Department of Agronomy at the University of Kentucky in 1971 to 1980. He returned to Fletcher in 1980 and taught at Cameron University, was an agricultural consultant, and farmer.

Dr. Rieck was an active member of the Weed Science Society of America, the Southern Weed Science Society, and the North Central Weed Science Society while at Clemson and Kentucky. He will always be remembered for his dedication to his graduate students, the enthusiasm and leadership he provided to numerous undergraduate students, and his zest for life.

Survivors include his wife, Linda; a son Brett, Kansas City, KS; stepson, David Faries, Monte Vista, CO; stepdaughter, Stephanie Hall, Elgin, OK; sisters Adonna Bridges and Devilla Watts, Fletcher; brother Walter, Rush Springs, OK; grandchildren Brooke, Brianna, and Alyssa Beth Rieck; Megan Emerson, Christie Lee Hall, Tiffany and Shania Faries; and father, Stanley of Fletcher. A son, Bart, and his mother, Agnes, preceded him in death.

Memorial contributions may be made to the Charley Rieck Scholarship Fund, Fletcher High School, Fletcher OK 73541.

Associate Dean at SDSU W. Eugene Arnold dies at 56

For more than 25 years, W. Eugene Arnold played an important part in his student's lives on the campus of South Dakota State University.

Since 1988, he served as the Associate Dean and Director of Academic Programs for the College of Agriculture and Biological Sciences.

Arnold enjoyed helping his students with their course plans and career goals. "He really liked interacting with students" said his son, Deron of Sioux Falls.

W. Eugene Arnold, 56, died Wednesday, August 25, 1999 at the Brookings Hospital from colon cancer.

Arnold began working as an Assistant Professor at SDSU in 1970. In 1974, he was promoted to Associate Professor. He attained the rank of professor in 1980. He taught graduate and undergraduate classes and conducted research in plant and weed science.

Arnold contributed to the completion of the Northern Plains Biostress Laboratory and received several faculty honors, including the Gamma Sigma Delta, Burlington Northern and F. O. Butler awards, plus Outstanding Teacher of the Year.

In the center of his life was his family. He enjoyed taking walks with his wife and playing golf and baseball with his children. He also liked photography and hiking. "He always put his family first," said his son. Arnold was involved in starting the Brookings Youth Soccer League. He also was a soccer coach.

Arnold was a member of the Brookings Wesleyan Church, where he was the head usher. "He always wanted to spend time helping out the church," said his son.

W. Eugene Arnold was born August 12, 1943 in Grandprairie, Texas. As a young child he moved with his parents to southern Oklahoma. He attended Waurika Public School. He received his bachelor's degree in Agronomy from Oklahoma State University in 1965. He then moved to Fargo and attended North Dakota State University.

He married Sharon Kay Johnson on June 24, 1967 in Hendrum, MN. He earned his doctorate in Agronomy from NDSU in 1970.

Arnold served as president of the Rotary Club and co-chairman of the United Way. At his church, he served on the board of administration and also as a Sunday school superintendent, treasurer, secretary and vice chairman of the LBA.

In addition to his wife and son, survivors include one daughter, Dawn Mason of Winona, MN; five brothers: Leon of Red Oak, Texas, Delano of Akron, CO, Ray of Stillwater, OK, Wendell of Key Biscayne, FL, and Eddie of Orlando, FL; and one sister, Lorrene Richardson of Waurika, OK.

Memorial may be directed to the cystic Fibrosis Foundation or the South Dakota State University Foundation.

Help Needed: Necrology Information

We need your help to keep the Necrology and Resolution Committee informed. If you know of any NCWSS members that have passed away this year, we request that you contact a member of the N and R Committee. Please send a Fax or letter with the full name of the person, any information on the cause of death, and an obituary from their local paper. This information would be very much appreciated along with a personal note of their past involvement with the NCWSS. Send the information to or notify: Gail Wicks, University of Nebraska, Route 4 Box 46A, North Platte, NE 69101; (308) 532-3611.

Washington Report

Rob Hedberg, Director of Science Policy

There has been considerable activity in Washington relevant to the Weed Science Societies. Much of the activity focused on invasive species but there has also been a flurry of activity about implementation of FQPA. There has been a little progress in the direction of creating a National Weed Management Program within USDA-ARS but very little progress on our request to EPA for a Worker Protection Standard Exemption. Agricultural Biotechnology is also emerging as a major issue which promises to be controversial as the advocacy campaigns so prevalent in Europe begin to take root in the United States.

A complete report is on the NCWSS web page at www.ncwss.iastate.edu.

Invasive Species

This issue remains busy and worthy of the Weed Science Societies' attention. The issue is important to many people outside of our traditional agriculture, horticulture, forestry, right of way and turf audiences. It provides an excellent opportunity to build alliances and demonstrate the value of weed science to groups which have historically been skeptical or critical. The two focal points

of Invasive Species activity have been The Plant Protection Act and the Executive Order on Invasive Species.

Topics covered on web page:

- Senator Akaka's Proposed Substitute to S.910
- House Resources Committee Hearing
- Invasive Species Council Inaugural Meeting
- Executive Order Advisory Board
- Weed Science Invasive Species Staff at CSREES
- National Fish and Wildlife Foundation (NFWF) Request For Proposals

Food Quality Protection Act (FQPA)

The three-year anniversary of the Food Quality Protection Act brought a flurry of activity on pesticide related issues. These included an announcement by EPA Administrator Carol Browner, a House Agriculture Committee Hearing, Introduction of a Senate bill, a technical briefing about two key organophosphate (OP) insecticides and an Environmental Working Group (EWG) report critical of atrazine.

Topics covered on web page:

- EWG Attack on Atrazine
- EPA Administrator's Announcement and OP Technical Briefing
- House Agriculture Committee Hearing
- Senate Bill to Amend FQPA Introduced
- Importance to Weed Science Societies
- Bensulide Public Comment Period Closed

Agricultural Biotechnology

Agricultural Biotechnology is becoming a controversial issue in Washington with research, production, health, environment, trade and commerce implications. The anti-biotechnology campaigns so prevalent in Europe are taking root in the United States and we can expect considerable media attention which will encourage public reactions and further congressional review. Because herbicide resistant crops are among the first commercial applications of agricultural biotechnology, discussions about the issue will impact weed scientists.

Topics covered on web page:

- USDA Advisory Committee on Agricultural Biotechnology
- White House Discussion Group on Agricultural Biotechnology

Career Placement Service

North Central Weed Science Society

Type or print neatly

Position Available: _____

Agency, Firm, or University _____

Address _____

Title or Type of Position _____

Job Responsibilities _____

Date Available _____

Salary _____

Geographic Area _____

Office Location _____

% of Time Spent Traveling _____

Education Desired _____

Experience Desired _____

Personal Qualifications _____

Additional Remarks _____

Name of Person to Contact _____

Address _____

Phone Number _____

NCWSS Contact and Address _____

Instructions:

1. Check in at the NCWSS Career Placement Office as soon as possible to establish your local (conference) address and to check the message board for potential employees.
2. Your form will be forwarded to WSSA after the NCWSS unless requested otherwise.
3. Return completed form to: Bob Hartzler, Department of Agronomy, Iowa State University, Ames, IA 50011, Fax 515-294-1923

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
------------------------	------	--------------

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: Bob Hartzler, Department of Agronomy, Iowa State University, Ames, IA 50011, Fax 515-294-1923