

**62nd
NORTH CENTRAL WEED
SCIENCE SOCIETY
BANQUET**



**Wednesday, December 12, 2007
Regency Ballroom ABC
Hyatt Regency Hotel
St. Louis, Missouri**

2007 OFFICERS

President	Adrian Moses
President Elect	Bill Johnson
Vice President	Mick Holm
Secretary-Treasurer	Christy Sprague
Editors - Proceedings.....	Robert Hartzler
NCWSS Newsletter	Harlene Hatterman-Valenti
WSSA Representative	Anita Dille
CAST Representative.....	Karen Renner
Past President	Steve Miller
Executive Secretary.....	Robert A. Schmidt

PROGRAM

Master of Ceremonies	Bryan Young
Necrology.....	John Frihauf
Graduate Student Paper Awards.....	Jess Spotanski
Graduate Student Poster Awards	John Hinz
Undergraduate Student Poster Awards.....	Dave Nicolai
Distinguished Achievement	Steve Miller
Fellows.....	Steve Weller
Presentation of New Officers	Adrian Moses

2007 LOCAL ARRANGEMENTS COMMITTEE

Greg Elmore, Chairperson

Sue Rick
Ron Krausz
Mark Kitt
Bill Tarter
Matt Faletti
Kevin Bradley
Reid Smeda

Dennis Belcher
Kent Woodall
Leon Hunter
Michelle Starke
Norm Probst
Bill Johnson
Melissa Kruger

SUSTAINING MEMBERS

November 13, 2007

We are grateful for the support of the following

Agren, Inc.
Agri Business Group
Albaugh, Inc.
Arvesta Corporation
BASF Corporation
Bayer Corporation
Bellspray dba R&D Sprayers
Del Monte Corporation
Dow AgroSciences
DuPont Agricultural Products
Gandy Corporation
Growmark Inc.
Gylling DataManagement Inc.

Heartland Technologies Inc.
Huntsman
Kalo, Inc.
Kumiai America
Midwest Labs Inc.
Monsanto Company
Nufarm Americas Inc.
PBI/Grodon Corporation
Precision Laboratories
Rhodia Inc.
Syngenta Crop Protection
Valent USA Corporation
Winfield Solutions LLC

DISTINGUISHED SERVICE AWARDS

Education recognizes outstanding educational achievements in weed science. Principal criteria include innovative or unique approaches that result in learning, ability to clearly communicate ideas, motivation of the intended audience and recognition of accomplishments by peers and the intended audience.

Douglas Doohan was born in Picton, Nova Scotia, Canada and obtained his B.S. degree in Agriculture at the University of Guelph and his M.S. and Ph.D. degrees in Weed Science from North Carolina State University. Dr. Doohan became an Assistant Professor and Extension Weed Scientist responsible for vegetable and fruit crops at the Ohio State University in 1998. His appointment is 75% extension and 25% research. Dr. Doohan is the Ohio IR-4 liaison and meets with groups and other specialists on at least a monthly basis to identify pest management problems and to formulate appropriate research and regulatory responses. He has been extremely active in seeking new pesticide registrations for apples, strawberries, sweet corn, tomatoes, and onions. Dr. Doohan has prepared major chapters on weed management for inclusion in OSU Extension bulletins on vegetables, grapes, and berry crops. These bulletins have been adopted by Extension in many Midwest states. Dr. Doohan is a popular and sought after speaker at both conventional and organic grower meetings where he puts on over 17 presentations a year. Doug has been active in the NCWSS serving as chair of the sugarbeets, horticultural and ornamental sections, as a judge for graduate student presentations, and as a co-organizer of the 2003 symposium Beyond Thresholds: Applying Multiple Tactics within Integrated Weed Management Systems. Dr. Doohan is currently serving as Associate Editor for Weed Technology.

Young Scientist Award is given to members who fulfill the requirements to qualify for the education, research or service award categories and have received their terminal degree no more than ten years before receiving this award.

Kevin Gibson obtained his B.S. degree in English and Biology from Indiana University, his M.S. degree in Biology from San Diego State University, and his Ph.D. degree in Weed Ecology from the University of California at Davis. Dr. Gibson became an Assistant Professor in Weed Science at Purdue University in 2001 with a research and teaching split. Dr. Gibson's research has centered around two main questions: 1) Can weed management systems be developed that minimize weed shifts, reduce the need for herbicide inputs, and provide sustainable weed control in agronomic and vegetable crops? 2) How do spatial factors affect the distribution, abundance, and management of weeds? Dr. Gibson has trained three M.S. and one Ph.D. student, served on 11 additional graduate student committees, received over \$3.5 million in external grant support, and written over 20 refereed manuscripts during this period. In addition, Dr. Gibson has taught over 15 courses, three of which were newly developed during this period. Dr. Gibson was recognized with the Richard Kohls Outstanding Undergraduate Teacher Award at Purdue University in 2006. Dr. Gibson has been active in the NCWSS serving as chair of the Invasive Plants Section, developing a symposium on Invasive Plant Species, and developing strong ties for NCWSS with the Midwest Invasive Plant Network. In addition, Dr. Gibson was instrumental in establishing the new WSSA journal on invasive weeds.

Martin M. Williams II obtained his B.S. degree in Biology from Truman State University and his M.S. and Ph.D. degrees in Agronomy from the University of Nebraska at Lincoln. Dr. Williams began his career as an Assistant Professor of Weed Science at Washington State University but moved to the USDA ARS Invasive Weed Management Unit located on the campus of the University of Illinois in 2003 as lead scientist. Dr. Williams' research program has focused on weed ecology and management in vegetable crops, arthropod herbivory in weed management, and the spatial aspects of weed population dynamics. Dr. Williams has authored or co-authored over 32 refereed manuscripts, given over 27 presentations of his research at national and international meetings, and received over \$450,000 in external grant support from such agencies as the National Science Foundation and Environmental Protection Agency. Although Dr. Williams does not have a formal teaching or outreach component in his job assignment he routinely offers guest classes or lectures and participates regularly with extension personnel in field days. Dr. Williams has been an active participant in the Western Society of Weed Science, the NCWSS, and the Weed Science Society of America where he has moderated or chaired numerous sessions.

FELLOWS

Recipients have made significant contributions to the North Central Weed Science Society and the Weed Science discipline.

Chris M. Boerboom

Dr. Boerboom has been a member of the NCWSS for over 20 years and has been active in numerous capacities throughout this tenure. Notably, Boerboom served the society as Treasurer from 1997 to 2002. Dr. Boerboom has made numerous presentations and posters at the NCWSS including several invited symposium presentations.

Boerboom also provides excellent service to the University of Wisconsin by serving on numerous Departmental, College and University committees. Dr. Boerboom is an effective and popular Extension Weed Scientist and impacts over 3,200 agri-professionals and growers annually. Boerboom embraces traditional extension formats for education, but also has developed and adopted novel and unique technologies such as the Turning Point Audience Response System. Boerboom has authored 12 single print extension publications, 4 series publications, and 5 educational programs in CD-rom since 1996. He has also been a prolific contributor to the *Wisconsin Crop Newsletter* and has provided 267 articles since 1996.

Boerboom is a strong proponent of integrated pest management and all of his weed science programs stress the need for integrated weed management as the core principle. These efforts have resulted in Dr. Boerboom being recognized as one of the most influential and knowledgeable weed scientists in the United States. His reputation reflects very positively upon the NCWSS.

Dr. Boerboom has authored or co-authored 21 papers published in refereed peer reviewed journals, 34 proceedings papers, 61 abstracts, and one book chapter since 1996.

While Dr. Boerboom does not have a teaching appointment, he has consistently contributed to on-campus teaching at the University of Wisconsin. Dr. Boerboom guest -lectures in six courses and has served on 17 graduate student committees. Dr. Boerboom advised 2 Ph.D. students and 3 M.S. students.

Dr. Boerboom has been recognized professionally by seven regional and state honors and awards. Notably, Dr. Boerboom has been recognized twice by the NCWSS, first in 1999 when he was recognized for Distinguished Achievement in Weed Science, Young Scientist Award, and again in 2005 when the society awarded him the Distinguished Achievement Award in Weed Science, Education Award.

Dr. Boerboom has also demonstrated considerable concern for growers nationally and internationally. Dr. Boerboom organized the “National Glyphosate Stewardship Forum” in 2004 and followed this impressive effort up with a second forum in 2007, “National Glyphosate Stewardship Forum II: A Call to Action”. This proactive effort to engage stakeholders, industry representatives, and governmental agencies and strive for action to affect changes in how important weed management technologies are being used is indicative of the dedication that Dr. Boerboom demonstrates to weed science extension and agriculture.

Dr. Boerboom has served the North Central Weed Science Society for many years and has made significant contributions to the benefit of the society. It is highly appropriate that he be selected for this high honor.

Michael J. Horak

Dr. Michael J. Horak is a native of southern California. He received his B.S. and M.S. degrees from the University of California, Riverside, and his Ph.D. degree from the University of Illinois, with both advanced degrees in weed science. Dr. Horak accepted a position as an Assistant Professor at Kansas State University in 1991 with a teaching and research appointment in weed ecology. He was promoted to Associate Professor in 1997. After a sabbatical as a visiting scientist, Michael made a career move to become a Plant Ecologist with Monsanto in 1999, where he currently serves as the Lead for the Environmental Assessment Team.

Michael has played a significant role in academia, industry, and the weed science discipline during his career. He was an important component in helping to build a strong and active weed science program while he was at Kansas State University. He developed a new course in weed ecology and invigorated the weed science graduate program. Dr. Horak was involved with the first confirmation of ALS resistant waterhemp and Palmer amaranth and was the lead author on a widely distributed and popular extension publication on Pigweed Identification, which has been utilized by both Extension and Industry throughout much of the United States.

Dr. Horak currently provides leadership in conducting plant ecological risk assessments on Monsanto's biotech crops products. This topic is of utmost importance to the company and production agriculture to support the approval and adoption of novel new traits that benefit agriculture and society. Mike has organized and coordinated symposia at NCWSS regarding gene flow in the environment to help facilitate discussion and bring focus to the topic in the weed science community.

Dr. Horak has made many significant contributions to the North Central Weed Science Society. He has served the NCWSS in many different capacities, including numerous committees, session chairs, symposia organizer and chair, newsletter editor, and most significantly in the Presidential leadership sequence. These responsibilities require a great deal of time and devotion. Dr. Horak helped lead NCWSS through difficult times of decreased membership and participation due to downsizing in industry and academia. His positive attitude and creative ideas helped keep NCWSS a vibrant and active society.