

**63rd
NORTH CENTRAL WEED
SCIENCE SOCIETY
LUNCHEON**



**11:30 a.m.
Wednesday, December 10, 2008
Regency Ballroom CDEF
Hyatt Regency Hotel
Indianapolis, Indiana**

2008 OFFICERS

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

PROGRAM

Master of Ceremonies.....	Larry Hageman
Graduate Student Paper Awards.....	John Hinz
Graduate Student Poster Awards.....	J.D, Green
Undergraduate Student Poster Awards.....	Jess Spotanski
Distinguished Achievement	Adian Moses
Fellows.....	Steve Weller
Presentation of New Officers	Bill Johnson

2008 Local Arrangements Committee

Bill Johnson, Chairperson

Fritz Koppatschek
Melissa Kruger
Greg Kruger
Glenn Nice
Tom Jordan

Tom Bauman
Helen Flanigan
Daren Unland
Kevin Gibson

SUSTAINING MEMBERS

November 13, 2008

We are grateful for the support of the following

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DISTINGUISHED SERVICE AWARDS

Research Award recognizes outstanding research achievements in Weed Science. Principal criteria include demonstrated excellence and creativity in research accomplishments; in conducting research and applying the results to solve problems in weed science: and, in applying unusual creativity to the research effort.

Dr. Frank Forcella received a B.A. in Biology from Northeastern University, Boston, in 1972, followed by a M.S. in Botany from Montana State University in 1977, and a Ph.D. in Botany from the University of Oklahoma, Norman, in 1979. Dr. Forcella's early career path included positions with Yarmouk University (Jordan), the Montana Department of Agriculture, CSIRO-Australia, and the University of California-Davis. Since 1989, he has been a research agronomist with the USDA-ARS at Morris, Minnesota. He served as Acting Research Leader at Morris in 2001-02 and Acting National Program Leader in Weed Science in 2001. Frank currently holds a 100% research appointment (GS-15) at Morris.

Dr. Forcella has a national and international reputation for excellence in research. He is recognized for creative and scholarly work that addresses important questions and knowledge gaps in weed science, the results of which have greatly increased our understanding of weed biology and ecology. At the same time, Dr. Forcella has strived to use the results of his research to improve strategies and tactics for weed management, and extend practical information to farmers. As such, Dr. Forcella's research expertise encompasses weed biology, ecology, and management. His current research focuses on predictive weed phenological models for improved management, with emphasis on optimized timing of chemical and mechanical weed management tactics based upon predicted weed and crop emergence and growth. His work also includes conceptualization and testing of novel weed management tactics.

Dr. Forcella's numerous published journal articles (57 over the last 10 years), invited reviews, and invited presentations encompass many important contributions to science, most notably in the areas of weed seedbank dynamics and modeling. Awards for outstanding papers in both *Weed Science* and *Weed Technology* are indicators of the significance and impact of Frank's research. The inclusion of his work in several weed science textbooks indicates that his research is making important contributions to the education and training of future weed scientists and agriculturalists. The impact of his work has extended far beyond weed science via other avenues as well. One notable example of this is the invited paper he co-authored on the impact of genetically-modified crops on weeds and farmland biodiversity published in the journal *Science*. Further, his personal interaction with many students, post doc's, visiting scientists, and colleagues has widely influenced research both here and abroad.

Frank has been an active member of the NCWSS for more than 20 years. He has presented or co-authored numerous research papers and posters, and has organized symposia and workshops. The NCWSS annual meeting was the first weed meeting Frank ever attended, and it remains his favorite annual meeting.

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.

Anita Dille received her B.S. (Agr.) degree with a major in Crop Science and a minor in International Agriculture and her M.S. degree in Crop Science both from the University of Guelph in Ontario, and her Ph.D. degree in Agronomy from the University of Nebraska at Lincoln. Dr. Anita Dille began as an Assistant Professor in the Department of Agronomy at Kansas State University in 1999 with responsibilities in research and teaching in Weed Ecology. She was promoted to Associate Professor in July 2005.

Dr. Dille has a 50% teaching appointment and has taught the undergraduate Weed Science course 13 times, developed and co-taught the Integrated Weed Management course for junior and senior Agronomy students five times as well as made it available in a Distance format three times, and provides an Advanced Weed Ecology course for graduate students. Dr. Dille initiated the Agronomy Learning Farm in 2002 as an experiential hands-on learning resource for students across the Agronomy curriculum at Kansas State University, initiated with support from a USDA-Higher Education Challenge Grant.

Dr. Dille has a 50% research appointment with projects involving development of practical site-specific weed management approaches for producers in Kansas, understanding the competitiveness of common sunflower, shattercane, and Palmer amaranth on Kansas' crops, and determining how to integrate cover crops for weed, water, and nitrogen management in no-tillage

production systems. Dr. Dille has trained five MS and three PhD students in Weed Ecology, with one MS and two PhD students currently in her program.

Dr. Dille was recognized in 2003 with the "Early Career Award of Merit" by the K-State chapter of Gamma Sigma Delta and as the "Outstanding Junior Scientist" by the K-State chapter of Sigma Xi. She was named College of Agriculture "Faculty of the Semester" in Fall 2005 and in 2008, awarded the Gamma Sigma Delta "Outstanding Advising Award".

Dr. Dille has participated in the Western Society of Weed Science as chair of the Teaching and Technology Transfer section as well as a symposium speaker. She has actively participated on the WSSA board representing the NCWSS as well as chair the Weed Biology and Ecology section. Dr. Dille has been an active member of the NCWSS since 1995 when she first participated as a graduate student. She has chaired numerous sections, coordinated and participated in symposia presentations, judged graduate paper and poster presentations, and more recently served as the WSSA representative to the NCWSS board from 2005 to 2008. K-State was proud to host the 2005 NCWSS Collegiate Weed contest and Dr. Dille has since served as the Chair of both the Summer Contest sub-committee and the Contest Rules sub-committee for the NCWSS.

Professional Staff Award recognizes outstanding and sustained contributions in support of weed science activities in the North Central region.

Damian Franzenburg is a native Iowan and earned his BS and MS degrees in Agronomy, and Crop Production and Physiology from Iowa State University. He has been employed at Iowa State University for 15 years and is a long time member of the North Central Weed Science Society. Damian has made numerous oral and poster presentations at the NCWSS meetings and has co-authored many others. He has co-authored annual research reports submitted for many years to the NCWSS. He co-authors reports to industry collaborators and university research farms. Damian has published in Weed Technology. He has served numerous times as a Judge for the Graduate Student Poster and Paper Contests. In 2002, Damian completed service as the Iowa representative on the NCWSS Board of Directors. While an undergraduate and graduate student, Damian was recognized for early achievement and received several awards from the NCWSS and Weed Science Society of America.

Damian has served Iowa State University, the Agronomy Department, and the weed science group effectively and efficiently in many capacities. He plays a key role in the very successful and respected herbicide demonstration and evaluation program conducted under weed science extension. The information Damian generates from this program is used by extension specialists in their weed management recommendations for Iowa growers. His efforts have resulted in the excellent reputation Iowa State weed science has among peer universities and industry, reflecting highly upon the Agronomy Department, Iowa State University, and the state of Iowa. Damian is a team player and interacts with faculty, staff, graduate and undergraduate students, departmentally and interdepartmentally, and is highly regarded by all. Damian has served as a mentor to many student interns and weed science graduate

students. He was an integral part of a long term multidisciplinary research project supported by the Iowa Soybean Promotion Board validating interactions between pest complexes and soil characteristics on soybean. Further, as a co-principal investigator, Damian received a four year research grant from the Leopold Center for Sustainable Agriculture to study the effect of tillage on woolly cupgrass population.

Damian participates in numerous departmental and university activities, committees and professional development opportunities. In 2002, the Iowa Board of Regents recognized Damian by awarding him the Regents Award for Staff Excellence for his many contributions to his profession, university and community. Further, Damian was recognized for his sustained and superior service to the Agronomy Department and was awarded the Agronomy Excellence Award in 2007. Science degree in horticulture.

Joseph Matthews is a native of central Illinois where he earned an Associate of Applied Science degree in horticulture. After several years working in the landscaping industry he moved to southern Illinois where he obtained his B. S. and M. S. in Agriculture Education from Southern Illinois University. While a graduate student he was charged with developing new hands-on curriculum for the computer courses taught within College of Agriculture. In 1989 Joe was recruited to the weed science program by Dr. George Kapusta and has held a researcher position ever since.

Joe has authored or co-authored 18 journal articles, 145 NCWSS research reports, and annually compiles the research summaries for the SIU weed science field program. Joe's interest in the education process has driven him to mentor graduate students by assisting them in designing, analyzing and communicating their research, especially for the NCWSS and WSSA meetings.

Joe's service to the NCWSS includes traditional roles such as the Poster Session Vice-Chair and Chair rotation in 1996 and 1997 as well as providing early assistance in moving the NCWSS to using laptops and

LCD projectors. Joe's greatest contribution to the NCWSS was as the "Information Technology" specialist for the Research Reports and Proceedings from 1999 to 2005.

Joe's positive attitude and pleasant personality have been at the foundation of his activity and success. Joe instills these attributes in co-workers and effectively demonstrates that excellence is an achievement that just doesn't happen, it requires commitment.

FELLOWS

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

Thomas J. Peters

Dr. Tom Peters has a long history of accomplishments and contributions to the North Central Weed Science Society, and to the weed science and agricultural community. He received a B.S. in Agronomy and Soil Science from the University of Minnesota, a M.S. in Agronomy from the University of Nebraska and his Ph.D. from North Dakota State University in Agronomy (Weed Science).

Dr. Peters joined the NCWSS in 1986 as a graduate student and has been an active and involved member since then. As a graduate student, he participated in the Summer Contest and has participated as a volunteer at more than 15 subsequent contests. He has served on many NCWSS committees and held many positions of responsibilities. Tom has been Chair of the Local Arrangements Committee for the 1996 and 2002 St. Louis Meetings and was a member of the Local Arrangements Committee for the 2006 St. Louis Meeting. He chaired the Industry Committee in 1995. Tom was responsible for initiating and coordinating the 1st biotechnology symposium at the NCWSS in 1996 as well as coordinating a follow-up symposium in 2004. Tom also has an extensive role in leadership in the NCWSS serving in several roles. He was a State Director for Missouri in 2002 -2003, and the CAST representative for the NCWSS from 1999-2001. While on CAST he also chaired CAST subgroups in 2000 and 2001. From 2003 through 2006, Tom was on the Executive Committee serving as vice president, president elect, president and past president. While in these leadership roles Tom helped develop a strategic plan to strengthen the society by stabilizing membership, engaging new members and improving the society. He helped diversify the NCWSS meeting program to include new symposia and relationships with other organizations. As a result of these efforts, the NCWSS now co-sponsors meetings with the Midwest Invasive Species Network and with the Gene Flow Meeting.

In addition to his service to the society, Dr. Peters has also been influential in Weed Science as a discipline and in his position in Industry. After graduate school Tom joined Monsanto where he has held many roles. His positions have included, Product Development Representative, Manager with Product Development, Team Lead Monsanto Research Farms, Farm Optimization Team Lead, Team Lead Corn Trait Development and Team Lead Biotech Farms. Throughout his career Tom has provided extensive leadership within the company, assuming new roles and increasing responsibility. Many of these roles were involved with the testing of new chemical and biotechnology products directly related to weed management and improving weed management systems.

Jeffrey Gunsolus

Jeff Gunsolus, professor and extension weed scientist in the Department of Agronomy and Plant Genetics at the University of Minnesota, has dedicated his career to connecting extension and research to solve weed management problems for agricultural producers and agricultural professionals.

A native of Wisconsin, Dr. Gunsolus received a bachelor's degree in Animal Ecology at Iowa State University, a master's degree in Agronomy from Iowa State University, and a doctorate degree in Crop Science from North Carolina State University. He joined the faculty of the University of Minnesota in 1986 as a Weed Scientist, with responsibilities in applied research and extension in weed management systems. He is a nationally recognized leader in the development of economic benefit and risk management systems for weed management in corn and soybeans. Agricultural professionals and growers throughout the North Central Region utilize his research and extension materials to develop cost effective weed management programs.

Dr. Gunsolus is an active member of the North Central Weed Science Society, Phi Kappa Phi and the Weed Science Society of America. He has made significant contributions to the North Central Weed Science Society by providing leadership for several committees, presenting numerous papers, and organizing and participating in key symposia. Dr. Gunsolus has served on several regional and national committees, including the National Research Council Board on Agriculture Committee on “The Future Role of Pesticides in U. S. Agriculture” and has published more than 100 extension and peer-reviewed publications.

Dr. Gunsolus has received several state and national awards, including the NCWSS Distinguished Achievement Award in Education and the WSSA Outstanding Paper Award in Weed Science.

Kassim Al-Khatib

Dr. Kassim Al-Khatib, a native of Iraq received B.S. and M.S. degrees from the University of Baghdad, then worked as a Technical Development Manager for Intrachem SA in Geneva, Switzerland. Dr. Al-Khatib received his Ph.D. in plant physiology from Kansas State University. Kassim was an Assistant Agronomist and Extension Weed Specialist at Washington State University, focusing on herbicide drift issues and weed control in fruit and vegetable crops. Since 1996, Dr. Al-Khatib has been a weed physiologist at Kansas State University.

Dr. Al-Khatib has a multi-faceted research program in various aspects of herbicide-plant interactions. Research consists of both field and basic research with the ultimate objective being to help answer producer problems and encourage more efficient and environmentally sound weed management practices. Notable research accomplishments by Dr. Al-Khatib include the identification, transformation, and release of sorghum germplasm resistant to ALS- and lipid synthesis-inhibiting herbicides; evaluation and project management of an experimental herbicide owned by Kansas State University; confirmations of waterhemp

resistance to PPO-inhibitor herbicides and common sunflower resistance to ALS-inhibitor herbicides; identification of the source of herbicide resistance incorporated into Clearfield sunflowers; gene flow among related crop and weed species; and effects of herbicide drift onto non-target crops. These efforts have resulted in authorship on 90 refereed journal articles, 3 book chapters, 190 abstracts and meeting proceedings, and two patents during his career. Dr. Al-Khatib has received the Distinguished Achievement Award for Research from the North Central Weed Science Society, the Gamma Sigma Delta Outstanding Research Award, the Outstanding Weed Scientist from the Public Sector Award from the Western Society of Weed Science, and is a Fellow of the American Society of Agronomy.

Kassim is involved in graduate student education and development and teaches graduate level courses on herbicide interactions, pesticide resistance and integrated weed management. Several of his graduate students have received awards for outstanding posters and papers from the North Central Weed Science Society and the Western Society of Weed Science. Dr. Al-Khatib has served as Chair of the Resident Education Committee for the North Central Weed Science Society, and as chair for the student paper and poster contests of both the North Central Weed Science Society and the Western Society of Weed Science.

Dr. Al-Khatib has provided dedicated service to the weed science discipline, Kansas State University and the scientific community and is highly respected within the scientific community. Kassim has served on the Board of Directors for the North Central Weed Science Society, Western Society of Weed Science, and the Council for Agricultural Science and Technology (CAST). Dr. Al-Khatib served as the representative from NCWSS to CAST, and subsequently was elected as CAST President. He also served in the Presidential sequence for the Western Society of Weed Science.