

NCWSS News

North Central Weed Science Society

Volume 20, Number 1, Spring 2003

www.ncwss.org

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North Central
Weed Science Society

Deadline for future newsletters is May 15th and September 1st. Articles for the NCWSS Newsletter are to be submitted to the editor, Bill Johnson at the address below.

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From Your 2003 President –Michael Horak

It is an honor to have the opportunity to serve as President of the North Central Weed Science Society. Our society is functioning well in the midst of profound changes in our discipline. As such, we will have unique opportunities to shape the role and function of the NCWSS this year and for years to come. The new board of directors and I welcome all input and suggestions from our members to help shape and continue to make the NCWSS a premier scientific society. In this article, I will 1) Outline the direction of some of the activities for the NCWSS for 2003; and 2) Comment on our 2002 Annual Meeting in St. Louis.

The Direction, Challenges and Opportunities for 2003

Direction. This year I will be setting an agenda to focus on critical administrative functions within the society. These include: 1) The documentation of society activities and 2) The adaptation and utilization of new communication formats to serve our members. Explaining briefly.

Documentation. We, as a society, need to keep current and more detailed documentation of the roles, work processes and activities of our committees and board.

The Manual of Operating Procedures provides valuable overall guidance, but specific direction, guidance and historical record are often lost as members rotate through various positions without passing on a written record. Maintaining this institutional knowledge is essential to maintain a vibrant society in the midst of changing membership.

Communication. We, as a society, need to work to make use of new electronic communication formats to *Continued next page*



Your 2003 NCWSS president
Michael Horak

*Continued from previous page.
improve communication with society members. Critical to this is the continued establishment of our new and adaptable data-base of member information. In addition, expanded use of the web site for newsletter distribution, and meeting registration are being explored.

Challenges. In the next few years we will continue to have to adapt to changes in our society and provide for the scientific-society needs of our members. I will continue to maintain the *Long Range Planning* Committee (that Dallas Peterson reinstated last year) to assess the current state of affairs of the Society and make plans for the future. Furthermore, the *Membership* Committee will play a crucial role in maintaining and expanding our membership. I challenge all of us, as members, to not accept the “status quo” but to think broadly and outside our traditional field of vision to consider what the NCWSS should be in the future –built on our fundamental weed science discipline but addressing the changes that we encounter.

Opportunities. A strength of the NCWSS is the willingness of our members to serve the society. Thank you to all who served on committees and as section chairs. I greatly appreciate all of those who have volunteered to serve as chairs and on committees in 2003. A list of 2003 committee members appears later in the newsletter and is posted on the website. Please review the list carefully. Although many are serving the society, there is still a need for additional members to replace members no longer active in the society or on specific committees. Please contact me if you would like to be on a committee – as several conduct business throughout the year.

The mission and responsibilities of each committee are in the Manual of Operating Procedures (MOP) that is available on the web site.

The 2002 Annual Meeting

The 56th annual NCWSS meeting in St. Louis was a success due to the efforts of many in the society. The Local Arrangements committee,

under the leadership of Tom Peters, did an excellent job of working with the hotel and facilities staff to provide for meeting needs.

In the general session we were challenged to think about the SCIENCE behind our scientific endeavors by Dr. Roger Cousens of the University of Melbourne, Victoria, Australia. The program also featured special presentations by Teresa Gruber, Executive Vice President of CAST and by Rob Hedberg, Director of Science Policy. I wish to extend to them a special thank you for participating in the meeting. The 2002 meeting featured 155 oral and 73 poster presentations. Much society business was also conducted as all committees met at the annual meeting.

The program included three symposia that generated considerable discussion at the meeting. Thanks are extended to all the symposia presenters, as well as the organizers, Christy Sprague (Glyphosate resistant weeds: status, prevention and management), Robert Wolf (Application equipment and technology as it may influence weed science in the future) and Anita Dille (Weed Community Shifts). The student contests are always a highlight of the meeting, and continued to set a standard of excellence for the communication of the scientific data of our discipline. Appreciation is extended to all participants of the contests, along with Don Pullins, Christy Sprague and the many judges that helped make the contest a success.

Extending Thanks and Congratulations

A special thanks is extended to several members who are retiring from the Board of Directors including, Duane Rathman (completed Presidential rotation), Chris Boerboom (served as Secretary / Treasurer for several years), and Jamie Retzinger (WSSA representative). Congratulations are also extended to the newly elected officers, J.D. Green (Secretary / Treasurer), Roger Becker (WSSA representative) and Tom Peters (Vice President).

2002 NCWSS PRESIDENTIAL ADDRESS. Dallas E. Peterson, Professor, Kansas State University.

The annual meeting is the highlight of the year for the society where we come together as an organization to exchange information, make new acquaintances, and renew old friendships. The meeting also is the culmination of a lot of hard work by the local arrangements committee and program committees. I want to extend a special thank you this year to the local arrangements chair, Tom Peters, and to program chair and President Elect, Michael Horak for the tremendous job they have done preparing for this meeting. We have an exciting program and excellent facilities for our meeting this year, just as we have for the past 21 years that I have participated in the meetings.

I attended my first NCWSS meeting in 1981. I am always amazed when I think about the many changes that have taken place since that time. Research data was analyzed using a main frame computer with a card reader. Slides were painstakingly typed, and then photographed with a simple black on white format for the presentations. This all had to be done well in advance of the meeting. Today we can analyze data in the field with a computer that fits in the palm of your hand, and compose slick Powerpoint presentations and continue to make changes until we get to the meeting.

Likewise, our society has undergone and continues to experience tremendous change as well. I believe the North Central Weed Science Society has been the leader among our peer organizations at adopting new technologies and changing with the times. Some of the more recent changes include the shift to electronic presentations and publications. These changes have improved the quality and efficiency of operations. You've probably already noticed some of the new changes for this year. The research report and proceedings will be combined together on a single CD, which will be provided to everyone who registers for the meeting. The packaging of the two publications together and publishing them on a CD lowers the cost of publication and distribution. The proceedings and research report are now included as a part of registration for the meeting, which will simplify and increase

distribution. The proceedings and research report are now included as a part of registration for the meeting, which will simplify and increase distribution. The combined publications will be distributed soon after the meeting, which will not sacrifice quality due to an early submission deadline, but will still be available in a timely manner. I feel this will be a positive change for both our members and the health of the society.

Many of the changes that have been implemented for 2002 were based on the recommendations of the Long Range Planning Committee, chaired by Past President Duane Rathmann, with much input from our publications editors Bryan Young, Bob Hartzler, and Bill Johnson. I want to thank the Long Range Planning Committee and

the Editors for developing these plans. It is this kind of dedication and service from our members that makes our society successful. The same is true for all members who serve on committees and contribute their time and effort to the society. The society is here to serve its members, but certainly can not function without the many volunteer services of its members. It's also important to remember that every member's opinion is important. I would encourage everyone to participate in the member forum and provide input to the board members on how the North Central Weed Science Society can be improved in the future.

Much discussion took place at last years meeting regarding

the future of the North Central Weed Science Society. Industry consolidation and smaller budgets in both industry and academia have put pressure on membership and meeting participation. However, a straw poll at last years general session indicated strong support for NCWSS to maintain its identity and continue with a similar meeting and organizational format. The Long Range Planning Committee and Board of Directors have taken this mandate into account as they develop plans for the future of the North Central Weed Science Society.



Dallas Peterson - Presidential Address

Continued on page num

2002 Fellow and Distinguished Achievement Award Winners

Fellow – Jim Kells

Dr. James J. Kells is a Professor and Extension Project Leader in Weed Science in the Department of Crop and Soil Sciences at Michigan State University. Jim earned a B.S. in Crop and Soil Science in 1977 from Michigan State University, a M.S. in Weed Science in 1978 from the University of Kentucky, and a Ph.D. in Weed Science in 1982 from Michigan State



Jim Kells

University. Dr. Kells has spent his entire professional career at Michigan State University moving up the academic ranks from Assistant to Associate to Professor during his tenure there.

Dr. Kells has amassed an impressive list of contributions to the discipline of Weed Science. Jim has taught the undergraduate Weed Control class and the Weed Control course in the two-year Agriculture Technology Program continuously since 1984, advised 26 graduate students, published over 65 refereed journal articles, two book chapters, over 160 abstracts, and over

35 extension bulletins during this period. Jim's extension activities have been recognized both locally and nationally. Further his recognition and credibility in the agricultural sector of Michigan is without equal in extension.

Dr. Kells has provided effective leadership to the North Central Weed Science Society serving as Secretary-Treasurer for six years, Vice President, President Elect, President and Past President of the Society. In addition he has served on the Board of Directors of the Weed Science Society of America as Member-at-Large.

Dr. Kells' financial leadership in NCWSS was important in keeping the Society on sound economic footing during declining membership and tough economic times. In addition, Jim was instrumental in converting the Society to Power Point presentations at the annual meeting; a model followed by WSSA and several other regional societies.

A supporting letter stated, *"When I think of Jim, the words leader, communicator, researcher, and educator come to mind."* Jim's superlative work in extension, field research, classroom education, and professional service activities clearly demonstrates a degree of excellence that deserves recognition by his peers.

Industry – Paul Spankle

Dr. Paul L. Spankle was an Agronomic Research Manager with Monsanto up until he retired on August 31, 2002. Paul grew up on a dairy farm in northeast Ohio and was involved in the day to day farm operation while growing up. He received a B.S. in agronomy from The Ohio State University and an M.S. and Ph.D. degrees in Weed Science from Michigan State

University. Dr. Spankle has been involved in several aspects of the crop protection industry including herbicide discovery, field weed control research and development, field technical service and technical marketing. Paul is well respected both in Monsanto and on the outside for his knowledge of field performance of herbicides and his ability to communicate this information in a straight forward manner.



Paul Spankle

Paul has been particularly active in developing products in Monsanto for field use. As a field project leader for Roundup in no-till, Paul worked with his colleagues on use of low rates with residual products for no-till corn and soybeans. These labels allowed better weed control and broader adoption of no-till practices. During the evaluation of Roundup Ready soybeans, he was again a field project leader who helped direct the development of Roundup use in Roundup Ready soybeans. The weed size, rates and timing developed at that time have helped with adoption of Roundup Ready soybeans. Dr. Spankle has also been involved

2002 Distinguished Achievement Award Winners

involved with the development of the Roundup Ready corn herbicide systems.

Dr. Sprankle has been active in working with organizations outside of work. He has been on the Ohio CCA Board since its beginning and participated in its development. He has been a member of OPARR, an Ohio pesticide industry group, which lobbied for reasonable rules for pesticides in ground and surface water. He has also been a member of the Ohio Agribusiness Association providing training on various aspects of pesticide use and safety. He has become a member of the Ohio No-Till Council which is a farmer group which promotes conservation tillage. The group has held separate as well as joint tours with Monsanto to promote new methods and practices which may improve conservation tillage.

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Industry – Thomas B. Threewitt

Tom Threewitt is a native of Benton, Illinois where he was raised on a crop and livestock farm. His love for agriculture made his career choice very simple. He earned his B.S degree in Plant Science in 1966 and his M.S. degree in Plant Science, Weed Control in 1968, both from Southern Illinois University. Tom received his Ph.D. from the University of Illinois in 1972 in Agronomy, Weed Science, where he worked under Dr. Fred Slife. He began his professional career as a Research Representative for the newly merged company of Ciba-Geigy in the state of Kansas. Over the next five years, he was also assigned Colorado, Wyoming and part of Nebraska, which he covered up to the Syngenta merger. Tom was promoted to Senior Scientist as

the company grew and changed from Ciba-Geigy to Ciba to Novartis to, just recently, Syngenta. His territory now is solely Kansas.

During his career with Ciba-Geigy to Syngenta, Tom has worked with herbicides, insecticides, fungicides, growth regulators and various early genetic seeds. He discovered Beacon herbicide for use on corn for shattercane control in a field in Western Kansas. He was heavily involved in the early work with Igran and Milogard for grain sorghum, with Amber, Peak, Tilt and Dividend for wheat. Tom conducted some of the first instrumental discovery and research work for the selection and promotion of Dual herbicide for use in field crops, along with safeners, Concep and Benoxacor. At the present time, Tom and a co-worker, Denny Stamm, have a patent pending for their work with a sorghum herbicide.



Tom Threewitt

Tom was involved with the development of the Kansas CCA program and served on the board of Directors for six years, with one year as its President. He is a member of the NCWSS, WSW, WSSA

and CAST. He has been a member of the NCWSS since 1966 and has attended all meetings except two. Tom has served as a NCWSS director from Kansas and has been on several committees. He has served as a judge for the Graduate student paper/poster contests and worked with the summer weed contests in several locations. His most enjoyable moments were with the various student contests, yes, especially the farmer problem event. Because of his knowledge and devotion to work, Tom has been asked, and given, numerous talks throughout the years. Tom's expertise and work ethics have earned him an invaluable reputation with his peers in both Industry and Academia.

Tom has been married for 41 years to his loving wife Nancy. They have four children, Tom Jr., Susan, John and ReBecca. His daughter, Susan has followed Tom with a career in Weed Science. His free time is mainly centered on his three grandsons.

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Professional Staff – Monica Elmes

Monica Elmes was raised on a beef farm in Simcoe County, ON and then attended the University of Guelph. She received a B.Sc in Agriculture with a major in Crop Science in 1987. Monica continued her studies and obtained a M.Sc in Weed Science in 1992 under the supervision of C.J. Swanton and T.J. Gillespie with a thesis examining the effect of cover crop mulches on weed emergence, weed suppression, and soybean development.

Monica was employed as a weed research technician for Prof. Glenn

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2002 Distinguished Achievement Award Winners

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Anderson from 1990 to 1995 at the University of Guelph. After relocating to be with her husband, she began work as a weed technician for P.H. Sikkema at Ridgetown College in 1995.

Her work has included weed control studies in conventional and no-till corn, tomatoes, peppers, industrial hemp, strawberries and sweet corn. She has also assisted in



Monica Elmes

both student and industry weed identification courses offered at Ridgetown College. Following the arrival of her son, Monica has recently retired to life as a full-time mother.

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Profession Staff – John L. Luecke

Mr. Lenny Luecke was born in Nebraska and grew up on a farm/ranch in South Dakota. He is a graduate of Concordia College in Moorhead, MN. He has been Research Specialist on the Sugarbeet Weed Control Project since 1981.

His position is jointly funded by North Dakota State University and the University of Minnesota so research and extension activities are conducted in both states.

Postemergence herbicides in sugarbeet are typically applied four times at reduced rates with a seven-day interval between each application. In 2002 sugarbeet weed control plots were located at 12 locations and a round trip to visit all locations was over 500 miles. Mr. Luecke sprayed or coordinated the spraying at all locations which indicates



John L. Luecke

his exceptional organizational abilities.

Mr. Luecke interviews, hires and coordinates activities of a work crew of college students each year; 14 were hired in 2002. The crew is shared with two other sugarbeet projects; one on sugarbeet diseases and one on tillage, soil fertility and stand establishment. He also cooperates with sugarbeet projects in the Entomology Department, USDA-ARS and American Crystal Sugar Company. For example, American Crystal hired him to apply Roundup and Liberty to their transgenic variety trials since they were concerned about timeliness, accuracy and spray drift control.

Mr. Luecke has been innovative in improving plot equipment. For example, he has improved the design of the sugarbeet plot harvester and has built bicycle-wheel-sprayer carriers for pickup bumper hitches to free up room in the truck box. He built all the bicycle-wheel-sprayers used in our project and has also built several sprayers for other projects and chemical companies.

Mr. Luecke analyzes all the data from the Sugarbeet Weed Control Project and the annual survey of sugarbeet growers. He organizes the data into tabular form and writes headings. The survey is sent to about 3600 sugarbeet producers each year, and growers representing about one-third of the 720,000 acres respond each year. Mr. Luecke presents a paper nearly every year at the annual Sugarbeet Research Reporting Session, a one-day meeting with 20 to 30 15-minute presentations. He grows weeds in the greenhouse each year for weed identification education and has assisted with teaching weed identification at the annual IPM Scout Schools in North Dakota. He has presented information at Extension meetings and summer plot tours when illness or conflicts prevented Extension specialist participation.

Mr. Luecke has co-authored seven papers in the NCWSS Research Report, has presented four papers at the NCWSS annual meeting and has co-authored an additional 10 papers. He transported the NCWSS Research Report from the printer in Fargo, ND, to the annual meeting site for eleven years. He has been author or co-author of 78 papers in the annual "Sugarbeet Research and Extension Reports" since 1990. He has presented two papers and been co-author on seven papers for the

2002 distinguished Achievement Award Winners

co-author on seven papers for the biennial meeting of the American Society of Sugarbeet Technologists since 1990.

Mr. Luecke and his wife Kathy Jo have a daughter, Katie, and two sons, Caleb and Danny.

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Young Weed Scientist – Bryan Young

Bryan Young is a native of Michigan and obtained his B.S degree in Crop and Soil Science at Michigan State University and his Ph.D. in Weed Science from the University of Illinois. In 1998 he joined Southern Illinois University in the Department of Plant, Soil and General Agriculture as an Assistant Professor of Weed Science with a 45% teaching - 45% research -10% service appointment.

Dr. Young conducts applied research for the development of weed management strategies in agronomic and horticultural crops. Other areas of research include: weed biology and ecology, adjuvant

development and utilization, and greenhouse and laboratory research on herbicide physiology. He recently completed a survey of members in the agricultural sector and the general public in Illinois to assess herbicide drift and has conducted numerous field and wind tunnel studies to evaluate the effect of drift reduction nozzles and drift reducing spray additives on

herbicide efficacy. Dr. Young participates in numerous outreach meetings each year to communicate research results and educate members of the agricultural industry.

Dr. Young has taught or co-taught nine different course offerings at SIU. He instructs three main courses per year on field crop production, introductory weed science, and principles of herbicide action. In addition he manages an undergraduate student internship program that has successfully placed over 60 students in internships since 1999. He has served on the NCWSS Board of Directors as the Editor of the annual NCWSS Research Reports since 1998. He organized a symposium on Communicating Weed Science and has served as a judge for the Graduate Student Poster Contest. Dr. Young has authored over 17 journal articles, a book chapter on herbicide adjuvants, and published two editions of the Compendium of Herbicide Adjuvants in addition to numerous abstracts and research reports.



Bryan Young

Nominate a certified professional for new Service Award

Nominations are now being accepted to recognize an outstanding certified professional with a new Service Award. Applicants must be certified under one of the American Society of Agronomy ARCPACS certifications: Certified Crop Adviser, Certified Professional Agronomist, Certified Professional Crop Scientist/Specialist, Certified Soil Scientist/Classifier, Certified Professional Plant Pathologist, or Certified Professional in Weed Science.

“Here is an opportunity to recognize an individual who has given outstanding service to the many facets of the agricultural industry,” said Sam Woods, ARCPACS Board president. “The intention of this award is to promote certification and professional service to agriculture and bring this important service to the attention of our colleagues and associates.”

The recipient of this award will receive a certificate and a \$500 honorarium to be presented during the Annual Meetings of American Society of Agronomy, Weed Science Society of America, or the American Phytopathological Society.

The deadline to submit nominations is May 1, 2003. Nominations must be submitted as one PDF document (containing the entire application) as an e-mail attachment to Penny Magana at the American Society of Agronomy Headquarters: pmagana@agronomy.org. Nominators do not have to be certified professionals. For eligibility and application procedures, visit: www.asa-cssa-sssa.org/awards or to receive a copy of the nomination procedure, e-mail headquarters@agronomy.org or call 608-273-8080.

Questions regarding the Service Award can be directed to Sam Woods, woods.9@osu.edu or 330-264-3911 ext. 1317, or Allan Ciha, allan.j.ciha@monsanto.com or 515-681-5017.

2002 NCWSS Meeting Highlights



Our keynote speaker, Roger Cousens, discusses the importance of weed biology research to production agriculture



Bill Johnson welcoming NCWSS attendees to St. Louis and the State of Missouri.

Future ncwss meetings:

- 2003 - Louisville, KY
- 2004 - Columbus, OH
- 2005 - Kansas City, MO

NCWSS



Chris Boerboom discusses the financial status of the society with NCWSS members.



Master of Ceremonies Larry Binning kept the evening light and lively during the banquet.

2002 NCWSS Annual Meeting



Teresa Gruber gives an update on CAST activities and Rob Hedberg provided us with the Washington perspective.

NCWSS members socializing before the banquet.



Rob Hedberg, Teresa Gruber, Visiting with Jim Martin after the general session.

Graduate Student Paper Contest

Section I.

1. *“Mechanism of Common Waterhemp Resistance to Protox-Inhibiting Herbicides”* Douglas E. Shoup and Kassim Al-Khatib, Kansas State University, Manhattan.
2. *“Implication of the Gene *gdhA* for Herbicide Tolerance in Plants”* Scott A. Nolte, Bryan G. Young and David A. Lightfoot, Southern Illinois University, Carbondale.

Section II.

1. *“Using Leaf Nitrogen Content to Predict Biomass Allocation Patterns in Corn and Velvetleaf.”* Kimberly D. Pavelka and John L. Lindquist, University of Nebraska, Lincoln.
2. *“Management of Problematic Waterhemp in Glyphosate-Resistant Corn”* Christopher L. Schuster and Reid J. Smeda, University of Missouri, Columbia.

Section III.

1. *“Wild Oat Growth and Development”* Krishona L. Martinson and Beverly R. Durgan, University of Minnesota, St. Paul.
2. *“Effect of Glyphosate-imidazolinone Mixtures on Weed Spectrum, Soybean Response, and Grain Yield”* Christopher D. Kamienski, F. William Simmons, and Christy L. Sprague, University of Illinois, Urbana

Section IV.

1. *“Comparison of WeedSOFT and Agricultural Dealer Recommendations in Illinois”* Aaron N. Dufelmeier and George F. Czapar, University of Illinois Extension, Jacksonville.
1. *“Quackgrass interactions and effects on forage species”* Traci L. Bultemeier, David J. Barker, R. Mark Sulc, S. Kent Harrison, and Emilie Regnier, The Ohio State University, Columbus.
2. *“Glyphosate Tolerant Sugarbeet: Weed Control, Economics, and Environmental Impacts”* Andrew R. Kniss, Robert G. Wilson, and Alex R. Martin, University of Nebraska, Scottsbluff.

Section V.

1. *“Field Hybridization Rates Between Waterhemp and Smooth Pigweed”* Federico Trucco, Patrick J. Tranel, Mark R. Jeschke, and Lane A. Rayburn, University of Illinois, Urbana.
2. *“Estimating Plant Growth in Mixed-Species Communities from Monoculture Experiments”* Michael J. Moechnig, David E. Stoltenberg, Chris M. Boerboom, John M. Norman, University of Wisconsin, Madison.



Seated left to right:
Federico Trucco,
Krishona Martinson,
Traci Bultemeier,
Kimberly Pavelka,
Scott Nolte

Standing left to right:
Doug Shoup, Aaron
Dufelmeier, Andrew
Kniss, Mike
Moechnig, Christopher
L. Schuster,
Christopher D.
Kamienski

Graduate Student Poster Contest

Section I.

1. *“Effect of Planting Date and Growth Rate on Corn Tolerance to Foramsulfuron + Isoxadifen-ethyl”* Jeffrey A. Bunting, Christy L. Sprague, Emerson D. Nafziger, and Dean E. Riechers, Univ. of Illinois, Urbana.
2. *“Post-emergent Common Waterhemp Control with Mesotrione, Dicamba and Diflufenzopyr in Corn”* Joseph C. Cordes and William G. Johnson, Univ. of Missouri, Columbia.

Section II:

1. *“Rapid Assay of Plant Response to Protoporphyrinogen Oxidase (PROTOX)-Inhibiting Herbicides”* Jeanne S. Falk,

Douglas E. Shoup, Kassim Al-Khatib, Kansas State Univ., Manhattan.

2. *“Temperature Effects on Burndown Herbicide Efficacy”* Ryan F. Hasty, Christy L. Sprague, and Aaron G. Hager, Univ. of Illinois, Urbana.

Section II

1. *“Effect of light and temperature interactions in weed seed dormancy”* Ramon G. Leon-Gonzalez and Micheal D.K. Owen, Iowa State Univ., Ames.
2. *“Competitiveness of Selected Weed Species in Soybean”* By Shawn M. Hock, Stevan Z. Knezevic, Alex R. Martin, and John L. Lindquist, Univ. of Nebraska, Lincoln.

Left to right seated: Joseph Cordes and Jeanne Falk

Left to right standing: Jeff Bunting, Ramon G. Leon-Gonzalez, Shawn Hock



Congratulations to the winners and to all who participated in the NCWSS paper and poster contest!!

Undergraduate Contest Winners

The winners for the undergraduate poster contest were

1. *“Field evaluation of common waterhemp for suspected resistance to protoporphyrinogen oxidase-inhibiting herbicides”* Dana B. Harder, Kelly A. Nelson, and Reid J. Smeda. University of Missouri, Columbia.
2. *“Two different triazine resistance mechanisms in waterhemp: management and implications”* Bradely Dixon, William Patzoldt, and Pat Tranel. Univ. of Illinois. Urbana.



Dana Harder (left) and Brad Dixon (Right)

Winner of the Hyatt award, Dana Harder

Jeschke Named R. Gordon Harvey Distinguished Graduate Fellow

Mark R. Jeschke has been selected to receive the 2002-03 Robert Gordon Harvey Wisconsin Distinguished Graduate Fellowship in Weed Science at the University of Wisconsin-Madison. Mark is a native of Illinois. He grew up on a farm in northern Illinois and attended the University of Illinois where he received B.S. and M.S. degrees in Crop Sciences. Mark’s M.S. research focused on the biology and genetics of weedy *Amaranthus* species. He entered the Ph.D. graduate program in the Department of Agronomy at UW-Madison in May 2002. Mark’s Ph.D. research will focus on factors that affect weed population dynamics and weed adaptation in corn and soybean cropping systems

Professor Harvey provided leadership to the UW-Madison weed science program from 1970 until his untimely death in 2001 due to ALS (Lou Gehrig’s Disease). Professor Harvey conducted extensive field research in all major agronomic crops in Wisconsin and several processing crops as well. Professor Harvey’s research program provided a dynamic, synergistic environment for the training of more than 40 graduate students. The R. Gordon Harvey Distinguished Graduate Fellowship in Weed Science was established for incoming and first-year graduate students and is funded by private donations and the Wisconsin Alumni Research Foundation.



Winner of the Hyatt Scholarship – Dana Harder

Hyatt Regency Hotels were kind enough to establish a scholarship that provides the winner of the undergraduate weeds science contest a hotel room at the NCWSS annual meeting. Many thanks to Hyatt Regency Hotels for this donation to the NCWSS

NCWSS 2002 Resolutions

1. RESOLUTION ON: The Hotel Meeting Facility for the 57th Annual Meeting of the North Central Weed Science Society.

WHEREAS the North Central Weed Science Society requires adequate facilities and lodging in order to conduct the business and program of the Society at the Annual Meeting; and

WHEREAS the meeting rooms and facilities of the Hyatt Regency of St. Louis, MO provided an excellent and spacious meeting environment; and

WHEREAS the staff and management of the Hyatt Regency of St. Louis, MO were helpful and cooperative in fulfilling the needs of the Society for a successful Annual Meeting;

THEREFORE BE IT RESOLVED that the North Central Weed Society in session at St. Louis, MO, December 2-5, 2002 for the 57th Annual Meeting commends the Hyatt Regency, Vita Epifanio and Kelly Smith, Hotel Management, staff, and management for their outstanding efforts in providing the Society with excellent meeting facilities and arrangements.

2. RESOLUTION ON: Local Arrangements Committee for the 57th Annual Meeting of the North Central Weed Science Society.

WHEREAS the North Central Weed Science Society relies upon the effort and diligence of the Local Arrangements Committee for arranging suitable facilities for the Annual Meeting; and

WHEREAS a diligent and well organized Local Arrangements Committee is crucial to the conduct of a successful Annual meeting; and

WHEREAS Chairperson Tom Peters and other members of the Local Arrangements Committee have fulfilled all their responsibilities in an exemplary manner;

THEREFORE BE IT RESOLVED that the North Central Weed Society in session at St. Louis, MO, December 2-5, 2002 for the 57th Annual Meeting commends Tom Peters and the Local Arrangements Committee for their outstanding efforts in providing the Society with the excellent meeting facilities and arrangements.

3. RESOLUTION ON: Graduate Student Paper and Poster Contest Judges for the 57th Annual Meeting of the North Central Weed Science Society.

WHEREAS the North Central Weed Science Society relies on voluntary contribution of time, effort, and expertise of its members selected to judge the Graduate Student Paper and Poster Contests; and

WHEREAS the judges selected for the Graduate Student Paper and Poster Contests for the 57th Annual Meeting fulfilled their obligations and responsibilities with dedication and commitment;

THEREFORE BE IT RESOLVED that the North Central Weed Society in session at St. Louis, MO, December 2-5, 2002 for the 57th Annual Meeting commends the judges of the Graduate Student Paper and Poster Contests for their inputs of time, labor, and cooperation in providing the Society with well run, successful contests at this Annual Meeting.

4. RESOLUTION ON: The North Central Collegiate Weed Science Contest.

WHEREAS the North Central Collegiate Weed Science Contest requires adequate facilities in order to conduct the contest in an orderly and educational manner; and

WHEREAS the facilities at the Midwest Research Center in Fowler, IN provided an excellent environment; and

WHEREAS the Summer Contest Host and staff of DowAgrosciences in Fowler, IN met the needs of the Society and had dedication for a successful North Central Collegiate Weed Contest;

THEREFORE BE IT RESOLVED that the North Central Weed Society in session at St. Louis, MO, December 2-5, 2002 for the 57th Annual Meeting commends Mark Peterson and the staff at DowAgrosciences for their outstanding efforts and hard work in providing the Society with an excellent facility and a well run and educational Weed Science Contest.

5. RESOLUTION ON: The Hyatt Undergraduate Award for the 57th Annual Meeting of the North Central Weed Science Society.

WHEREAS the North Central Weed Science Society provides educational opportunities for undergraduates at the North Central Collegiate Weed Science Contest; and

WHEREAS the Hyatt Regency Corporation recognized educational excellence and has established an award honoring the undergraduate winner of the North Central Collegiate Weed Science Contest;

THEREFORE BE IT RESOLVED that the North Central Weed Society in session at St. Louis, MO, December 2-5, 2002 for the 57th Annual Meeting commends the Hyatt Regency Corporation for providing complimentary lodging for the undergraduate winner of the North Central Collegiate Weed Science Contest at the Annual Meeting.

NCWSS 2003 Committee Appointments

1. NCWSS Board of Directors

<i>Officers</i>	<i>Office</i>	<i>Phone</i>	<i>E Mail Address</i>
Michael J. Horak	President (2003)	314 694-3476	michael.j.horak@monsanto.com
Jerry Doll	President Elect (2003)	608 263-7437	jddoll@facstaff.wisc.edu
Tom Peters	Vice President (2003)	636 737-7679	tjpete@Monsanto.com
Dallas Peterson	Past President (2003)	785 532-5776	dpeterso@oznet.ksu.edu
J. D. Green	Secretary-Treasurer	859 257-4898	jdgreen@uky.edu
Robert G. Hartzler	Editor, Proceedings	515 294-1923	hartzler@iastate.edu
Bill Johnson	Editor, Newsletter	765 494-4656	wgjohnso@purdue.edu
Bryan G. Young	Editor, Research Report	618 453-2496	bgyoung@siu.edu
Roger Becker	WSSA Representative	612 625-5753	Becke003@umn.edu
Jim Martin	CAST Representative	207 365-7541	jamartin@uky.edu
Robert A. Schmidt	Executive Secretary	217 352-4212	raschwssa@aol.com

<i>State Directors</i>	<i>State (Term Expires)</i>	<i>Phone</i>	<i>E Mail Address</i>
Jim Daniel	Colorado (2003)	970 396 9063	Jim.daniel@uap.com
Joe Bruce	Illinois (2005)	217 863-5323	joe.bruce@syngenta.com
Dan Childs	Indiana (2003)	765 449-0900	dan.j.childs@monsanto.com
Kristine Schaefer	Iowa (2005)	515 993-4830	schaefk@basf-corp.com
Curtis Thompson	Kansas(2004)	620 275-9164	cthompso@oznet.ksu.edu
Michael Barrett	Kentucky (2003)	859 257-7310	mbarrett@ca.uky.edu
Karen Renner	Michigan (2004)	517 353-9429	renner@msu.edu
Tom Rabaey	Minnesota (2005)	507 665-4440	tom.rabaey@genmills.com
Tom Peters	Missouri (2003)	636 737-7679	tjpete@Monsanto.com
Wayne Fithian	Nebraska (2004)	402 289-0265	wfithian@jcro.com
Kirk Howatt	North Dakota (2005)	701 231-7209	khowatt@ndsuxt.nodak.edu
Brad Miller	Ohio (2004)	614 492-1427	Brad.a.miller@Monsanto.com
Case Medlin	Oklahoma (2003)	405 744-9588	mcase@okstate.edu
Peter Sikkema	Ontario (2005)	519 674-1603	psikkema@ridgetown.woguelph.ca
Darrell Deneke	South Dakota (2003)	605 688-4595	deneke.Darrell@ces.sdstate.edu
Tom Hartberg	Wisconsin (2004)	608 845-7993	thagstat@aol.com
Craig Alford	Wyoming (2005)	307 766-3949	cmalford@uwyo.edu

Directors at Large

Dawn Nordby	Extension	515 294-1923	drefsell@iastate.edu
Corey Guza	Graduate Students	517 432-6754	guzacore@msu.edu
Dain Bruns	Industry	614 767-0236	Dain.bruns@syngenta.com
Doug Nord	Regulatory and Crop Consult.	620 285-3380	nordag@larned.com
Jennifer Ralston	Research and Publications	314 694-8214	jennifer.l.ralston@monsanto.com
Don Pullins	Resident Education	217 863-5324	Don.pullins@syngenta.com

2. Finance, Steering, and Policy Committee

J. D. Green	Chair	859 257-4898	jdgreen@uky.edu
Dallas Peterson	Ex Officio	785 532-5776	dpeterso@oznet.ksu.edu
Gordon Roskamp	(2004)	309 298-1569	Gk-roskamp@wiu.edu
Dirk Drost	(2005)	336 632-7510	Dirk.drost@syngenta.com
Reid Smeda	(2005)	573 882-1329	smedar@Missouri.edu
Fritz Koppatschek	(2005)	317 415-0533	fkoppatsch@bgino.com
Robert Schmidt	Ex Officio	217 352-4212	raschwssa@aol.com

3. NCWSS Fellow Committee

Steve Miller	Chair	307 776-3112	sdmiller@uwyo.edu
Phil Orwick	Vice Chair	217 265-4066	orwick@uiuc.edu
Bill Witt	(2003)	859 257-1823	wwitt@ca.uky.edu
Dennis Belcher	(2004)	573 814-3331	belched@basf.com
Patrick Geier	(2003)	785 625-3425	pgeier@oznet.ksu.edu

Jim Kells	(2004)	517 355-2173	kells@pilot.msu.edu
Leroy Cobia	(2005)	712 328-1928	l.cobia@worldnet.att.net
Bob Wilson	(2005)	308 632-1263	rwilson@unl.edu

4. Legislative Information Committee

Tom Peters	Chair	636 737-7679	tjpete@Monsanto.com
Jerry Doll	Past Chair	608 263-7437	jddoll@facstaff.wisc.edu
Dale Shaner	2003	709 716-2707	shanerd@basf-corp.com
Scott Ditmarsen	2003	608 767-7268	scditmarsen@dowagro.com
Steven Knezevic	2004	402 584-2808	sknezevic2@unl.edu
Wayne Fithian	2005	402 289-0265	wfithian@jcross.com
Dave Austin	2005	816 421-4020	daustin@pbigordon.com
Gary Finn	2005	317 337-4781	gafinn@dow.com
Jim Martin	2005	207 365-7541	jamartin@uky.edu
Rob Hedberg	DSP, Ex Officio	202 408-5388	robhedberg@erols.com

5. Local Arrangements: 2003 – Gault House, Louisville KY

Charlie Slack	Chair	859 259-1914	cslack@uky.edu
Tom Peters	Ex Officio	636 737-7679	tjpete@monsanto.com

6. Career Placement Committee

John Hinz	Chair	515 733-9250	John.hinz@bayercropscience.com
Michael Urwiler	Vice Chair	217 863-5324	Mick.urwiler@syngenta.com
Eric Spandl	Past Chair	651 451-5383	espan@cnxlol.com
Lowell Sandell	(2004)	859 257-6693	lsandell@ca.uky.edu
Kaleb Hellwig	(2004)	217 726-8206	hellwik@basf.com

7. Membership Committee

Harlene Hatterman-Valenti	Chair	701 231-8536	h.hatterman.valenti@ndsu.nodak.edu
Phil Stahlman	Vice Chair	785 625-3425	stahlman@ksu.edu
Ken Carlson	Past Chair	402 480-9131	carlsok@basf-corp.com
Kelly Nelson	(2004)	660 739-4410	nelsonke@missouri.edu
Peter Sikkema	(2005)	519 674-1603	psikkema@ridgetown.uoguelph.ca

8. Nominating Committee

Mark Loux	Chair	614 292-9081	Loux.1@osu.edu
Tom Threewitt	Vice Chair	620 285-6606	Tom.Threewitt@syngenta.com
David Nicolai	Past Chair	651 451-4948	danicolai@agriliance.com
Kirk Howatt	2004	701 231-7209	khowatt@ndsuext.nodak.edu
Patrick Geier	2005	785 625-3425	pgeier@oznet.ksu.edu
Charles Slack	2005	859 259-1914	cslack@uky.edu

9. Extension Committee

Shawn Conley	Chair	573 882-2801	conleysp@missouri.edu
Dawn Nordby	Vice Chair	515 294-1923	drefsell@iastate.edu
Jeff Stachler	Past Chair	614 292-1393	Stachler.1@osu.edu
Brent Pringnitz	2004	515 294-9487	bpring@iastate.edu
Karen Renner	2003	517 353-9429	renner@msu.edu

9. Extension Committee – continued

Alex Martin	2003	402 472-1527	Amartin2@unl.edu
Aaron Hager	2004	217 333-4424	hager@uiuc.edu
J.D. Green	2004	859 257-4898	jdgreen@uky.edu

10. Program Committee

Jerry Doll	Chair	608 263-7437	jddoll@facstaff.wisc.edu
Tom Peters	Vice President	636 737-7679	tom.j.peters@monsanto.com
Charlie Slack	Local Arrangements	859 259-1914	cslack@uky.edu
J. D. Green	Secretary/Treasurer	859 257-4898	jdgreen@uky.edu
Shawn Conley	Extension	573 882-2001	conleysp@missouri.edu
Corey Guza	Graduate Students	517 432-6754	guzacore@msu.edu

Dain Bruns	Industry	614 767-0236	dain.brun@syngenta.com
Doug Nord	Reg. & Crop Consultants	620 285-3380	nordag@larned.com
Jennifer Ralston	Research and Publications	314 694-8214	jennifer.l.ralston@monsanto.com
Don Pullins	Resident Education	217 863-5324	don.pullins@syngenta.com
Michael Horak	Ex Officio	314 694-3476	michael.j.horak@monsanto.com

11. Publicity and Public Relations Committee

Tom Peters	Co-Chair	636 737-7679	tjpete@monsanto.com
Charlie Slack	Co-Chair	859 259-1914	cslack@uky.edu
Jerry Doll	Past -Chair	608 263-7437	jddoll@facstaff.wisc.edu

12. Resolutions and Necrology Committee

Mark Peterson	Chair	765 586-3470	mapeterson@dowagro.com
Richard Zollinger	Past Chair	701 231-8157	zolling@ndsuxt.nodak.edu
Tony White	(2004)	785 625-3425	twhite@oznet.ksu.edu
Brent Petersen	(2005)	320 230-4081	brent.petersen@bayercropscience.com
Harlene Hatterman-Valenti	(2005)	701 231-8536	h.hatterman.valenti@ndsu.nodak.edu

13. Distinguished Achievement Award Committee

Dallas Peterson	Chair	785 532-5776	dpeterso@oznet.ksu.edu
Michael Horak	Vice Chair	314 694-3476	michael.j.horak@monsanto.com
Duane Rathmann	PastChair	507 835-2580	rathmad@basf-corp.com
J.D. Green	(2004)	859 257-4898	jdgreen@uky.edu
Jerry Gogan	(2004)	816 420-0114	gwgogan@agriliance.com
Bernard Zandstra	(2004)	517 353-6637	zandstra@msu.edu
Phil Stahlman	(2005)	785 625-3425	stahlman@ksu.edu
Fritz Koppatschek	(2005)	317 415-0533	fkoppatsch@abgino.com
Ron Krausz	(2003)	618 566-4761	rkrausz@siu.edu

B. NCWSS Special Interest Groups (Elected at business meetings)

1. Industry

Dain Bruns	Chair	614 767-0236	Dain.brun@syngenta.com
Kevin Thorsness	Vice Chair	701 293-0653	Kevin.thorsness@bayercropscience.com
Dave Ruen	Past Chair	507 467-2375	dcruen@dowagro.com

2. Regulatory and Crop Consultants

Doug Nord	Chair	620 285-3380	nordag@larned.com
Cathy Nord	Vice Chair	620 285-3380	nordag@larned.com
Dave Bennett	Past Chair	319 456-3516	barc@lisco.com

3. Research and Publications

Jennifer Ralston	Chair	314 694-8214	jennifer.l.ralston@monsanto.com
Michael Crotser	Vice Chair	715 425-3345	michael.crotser@uwrf.edu
Bob Starke	Past Chair	314 694-6878	Robert.j.starke@Monsanto.com

4. Resident Education

Don Pullins	Chair	217 863-5324	Don.pullins@syngenta.com
Christy Sprague	First Vice Chair (papers)	217 333-4424	csprague@uiuc.edu
Tom Threewit	2 nd Vice Chair (posters)	620 285-6606	tom.threewitt@syngenta.com
Kassim Al-Khatib	Past Chair	785 532-5155	khatib@ksu.edu
Tony White		785 625-3425	twhite@oznet.ksu.edu

5. Graduate Students

Corey Guza	Chair	517 432-6754	guzacore@msu.edu
Bradley Fronning	Vice Chair	517 355-9281	fronning@msu.edu
Scott Nolte	Past Chair	618 453-4817	snolte@siu.edu

C. Sectional Program Chair (Elected at section business meetings)

1. General Program

Jerry Doll	President Elect (2002)	608 263-7437	jddoll@facstaff.wisc.edu
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2. Poster Session

Kevin Gibson	Chair	765 496-2161	kgibson@purdue.edu
Steve Hallett	Vice Chair	765 494-7649	halletts@purdue.edu
Case Medlin	Past Chair	765 494-0599	crm@mail.pss.okstate.edu

3. Corn and Sorghum

Sarah Taylor-Lovell	Chair	217 586-3981	
Marvin Schultz	Vice Chair	317 337-3981	meschultz@dow.com
Gary Finn	Past Chair	317 337-4781	gafinn@dow.com

4. Cereals and Oilseeds

Case Medlin	Chair	405 744-9588	mcase@okstate.edu
Dean Maruska	Vice Chair	218 437-6051	dean.maruska@bayercropscience.com
Brian Jenks	Past Chair	701 857-7677	bjenks@ndsuext.nodak.edu

5. Forage and Range

Bob Masters	Chair	402 488-1157	ramasters@dowagro.com
Walt Fick	Vice Chair	785 532-7223	whfick@ksu.edu
Dan Beran	Past Chair	515 255-7821	berand@basf.com

6. Industrial, Forestry, Turf, and Aquatics

Rick Schulte	Chair	608 770-4041	RSchulte@UAPtimberland.com
Robert Richardson	Vice Chair	517 432-3630	Richa462@msu.edu
Rod Scrivner	Chair	913 897-1725	

7. Equipment and Application Methods

Robert Klein	Chair	308 532-3611	rklein1@unl.edu
Teague Lottman	Vice Chair	800 642-8572	tlottman@coopmutual.com
Robert Wolf	Past Chair	785 532-2935	rewolf@ksu.edu

8. Soybeans and Annual Legumes

Harlene Hatterman-Valenti	Chair	701 231-8536	h.hatterman.valenti@ndsu.nodak.edu
Joe Bruce	Vice Chair	217 863-5323	Joe.Bruce@syngenta.com
Adrian Moses	Past Chair	816 578-5375	Adrian.moses@syngenta.com

9. Herbicide Physiology

Dean Riechers	Chair	217 333-9655	riechers@uiuc.edu
Balazs Siminszky	Vice Chair		balazs@uky.edu
Pat Tranel	Past Chair	217 333-1531	tranel@uiuc.edu

10. Weed Ecology and Biology

Reid Smeda	Chair	573 882-1329	smedar@missouri.edu
Ed Luschei	Vice Chair	608 263-7436	eclushei@facstaff.wisc.edu
George Kegode	Past Chair	701 231-6420	george.kegode@ndsu.edu

11. Soil and Environmental Aspects

Bill Simmons	Chair	217 333-9649	fsimmons@uiuc.edu
George Czapar	Vice Chair	217 782-6515	gfc@uiuc.edu
Dave Johnson	Past Chair	651 699-0173	Johnsod4@basf-corp.com

12. Sugarbeets, Horticulture, and Ornamentals

Karen Renner	Chair	517 353-9429	renner@msu.edu
Tom Rabaey	Vice Chair	507 665-4440	Tom.rabaey@genmills.com
Liz Maynard	Past Chair	219 785-5483	emaynard@purdue.edu

D. Special Committees (appointed by president)

1. Collegiate Weed Science Contest

Don Pullins	Site Chair, Syngenta	217 863-5324	Don.pullins@syngenta.com
Mark Peterson	Past Site Chair, DowAgro	765 586-3470	mapeterson@dowagro.com

2. Electronic Communications Committee

Joe Bruce	Chair	217 863-5323	joe.bruce@syngenta.com
Glenn Nice	Vice Chair	765 496-2121	gnice@purdue.edu
Brent Prignitz	Past Chair	515 294-9487	bpring@agron.iastate.edu
Jim Lux		515 294-1467	jlux@iastate.edu
Kevin Adam		309 726-1870	Kevin.adam.b@bayer.com

3. Long Range Planning and Organizational Affairs

Duane P. Rathmann	Chair	507 835-2580	rathmad@basf-corp.com
Cal Messersmith		701 231-8149	Cal_messersmith@ndsu.nodak.edu
Tom Peters		636 737-7679	tjpete@monsanto.com
Dave Nicolai		651 451-4848	danicolai@agriliance.com
Peter Sikkema		519 674-1603	psikkema@ridgetownc.woguelph.ca
Scott Nolte		618 453-4817	snolte@siu.edu
Tom Hartberg		608 845-7993	thagstat@aol.com
Scott Nolte		618 453-4817	snolte@siu.edu

4. Herbicide Resistance Committee

John Hinz	Chair (Industry)	515 733-9250	John.hinz.b@bayercropscience.com
Jeff Stachler	Vice Chair (Academia)		
Mark Peterson	Past Chair	765 586-3470	mapeterson@dowagro.com
Richard Zollinger		701 231-8157	rzolling@ndsuxt.nodak.edu
Dave Johnson	(2005)	651 699-0173	Johnsod4@basf-corp.com
Curtis Thompson	(2004)	620 275-9164	cthompso@oznet.ksu.edu

4. Herbicide Resistance Committee – continued

Jeff Stachler	(2003)	614 292-1393	Stachler.1@osu.edu
Christy Sprague	(2003)	217 333-4424	csprague@uiuc.edu
Gary Finn	(2005)	317 337-4781	gafinn@dow.com

5. Future Site Selection

Charles Slack	Chair	859 259-1914	cslack@uky.edu
Mark Loux		614 292-9081	Loux.1@osu.edu
Jerry Doll		608 263-7437	jddoll@facstaff.wisc.edu
Tom Peters		636 737-7679	tjpete@monsanto.com
Mike Edenfield		913 433-5450	Mike.edenfield@bayercropscience.com

POSITION ANNOUNCEMENT: University of Missouri

POSITION: State Extension Specialist – Integrated Weed Management

12 month tenure track, Assistant Professor.

LOCATION: Agronomy in the Plant Sciences Unit, Columbia Missouri.

CLOSING DATE: Review of applicants starts March 24th, 2003.

Position Description

State Extension Specialist – Integrated Weed Management; 12 month, tenure track, Assistant Professor of Agronomy in the Plant Sciences Unit with 80% extension and 20% research responsibilities located on the Columbia campus of the University of Missouri.

Responsibilities

- Develop appropriate weed management strategies for Missouri's important crop production systems including corn, soybean, forages, grain sorghum and wheat; use innovative programming to deliver weed management information to producers, extension personnel, industry representatives and crop advisers; work with other specialists to develop an integrated approach to pest management.
- Cooperate with other university weed scientists, industry representatives, and other research/extension personnel to conduct an herbicide performance program and to deliver weed management recommendations; coordinate with other university weed scientists the publication of these recommendations.
- Provide leadership for weed management clinics, short-courses, producer meetings, and other statewide educational activities; conduct training sessions for regional extension specialists and other crop advisers.
- Develop and conduct an applied and relevant research program in integrated weed management e.g. weed biology/ecology, weed population dynamics, alternative weed control, weed/crop interactions; attract funding to sustain an independent research program.
- Advise graduate students; serve the department, unit, college, and university as appropriate.

Salary and Benefits:

Salary will be competitive and commensurate with experience and qualifications. The University has comprehensive benefits for group health, life and disability insurance, and a retirement plan.

Qualifications:

A Ph.D. with emphasis in weed science and interest in conducting field research and educational programs in weed management are required. The candidate must be able to work effectively in a team setting with university, government agency and private industry personnel. Effective written and oral communication skills and computer literacy are required.

Availability:

June 1, 2003. Review of applicants will begin on March 24, 2003.

Application Procedure:

Send curriculum vitae, copies of official transcripts of all college or university work, and a letter of application containing a statement of extension philosophy to Dr. W. J. Wiebold, Chair of Search Committee, c/o Margie Anglen (573-882-3001), 1-41 Agriculture Building, University of Missouri, Columbia, MO 65211. Arrange for three reference letters that address qualifications to be sent to same address.

POSITION ANNOUNCEMENT: Michigan State University

POSITION: Assistant Professor, Weed Management Systems in Agronomic Crops,
12-month, Tenure-Track.

LOCATION: Dept. of Crop and Soil Sciences, Michigan State Univ., E. Lansing, MI

CLOSING DATE: March 1, 2003 or until a suitable applicant is identified.

DATE AVAILABLE: July 1, 2003

RESPONSIBILITIES: The position will be 50% Extension and 50% Research. Extension responsibilities include the development of an Extension program in weed management systems for agriculture in Michigan and the Great Lakes Region. The Extension program is expected to be innovative and highly visible. The individual is expected to work closely with other pest management faculty in developing integrated pest management (IPM) educational programs. The Extension program should utilize traditional and contemporary media and technologies to deliver effective programs. These include written publications, newsletters, trade journals, meetings, demonstrations, field days, computer programs, internet, and other distance technologies, as appropriate. Specific crop responsibilities are negotiable.

Research responsibilities include development of an applied research program in weed management systems. The individual is expected to establish an innovative, extramurally funded research program based on important issues facing agriculture in Michigan and the Great Lakes Region. The research program should address significant weed-related problems of local, regional, and national scope that will complement the Extension responsibilities of the position. Graduate student education will be an essential component of the position. Collaboration with other faculty at MSU and other universities is encouraged. The individual is expected to make significant professional contributions through refereed publications and participation in professional societies.

- The opportunity exists for the research program to focus in an area such as:
- site specific management and weed/soil interactions
- environmental issues related to weed management
- weed biology and ecology
- herbicide application technologies
- application of biotechnology to weed science
- herbicide resistance in weeds
- interactions between weeds and other pests including IPM strategies

QUALIFICATIONS: 1) Ph.D. in Weed Science, Agronomy, Crop Science, Soil Science, or related discipline, 2) Demonstrated ability to conduct and communicate research in Weed Science, 3) Aptitude for and interest in leadership in Extension, 4) Aptitude for and interest in guidance of graduate students, 5) Appreciation for the mission and philosophy of the land-grant system.

APPLICATION: Applicants should send: 1) a complete resume, 2) all college transcripts, and 3) a letter of application, which includes a brief statement of Research and Extension interests and a vision for this position (not to exceed two pages total). Applicants should also arrange for three letters of reference to be submitted directly to the Search Committee Chair.

All application materials, including letters of reference, should be sent to: James J. Kells, Chair, Search Committee, Dept. of Crop and Soil Sciences, Michigan State Univ., E. Lansing, MI 48824.

Screening will begin March 1, 2003 and will continue until a suitable applicant is identified

POSITION ANNOUNCEMENT: Purdue University

POSITION: Director, Purdue Crop Diagnostic Training and Research Center
Professional, Non-Tenure Track Position

LOCATION: School of Agriculture, Purdue University West Lafayette, Indiana 47907.

CLOSING DATE: March 7, 2003.

Responsibilities:

Coordinate the designing, planning, marketing, promotion, and execution of the Purdue Crop Diagnostic Training and Research Center. Serve as a liaison between Indiana's agricultural sector and university crop production programs/staff to identify, promote, and implement appropriate adult continuing education.

Strong interpersonal skills are essential for this position. The Director coordinates and supervises the establishment of field demonstrations for use in the educational activities at the Center; engages faculty/staff educators; supervises an Assistant Director, hourly employees and graduate students in the preparation, maintenance and operation of the Center and other continuing education programs.

Responsibilities include preparation of annual budgets for the Center, marketing training sessions, developing Memoranda of Agreement with clientele, and coordinating specialized field and classroom educational opportunities with industries and universities from other states. The Director may assist with teaching academic courses related to the strengths and uniqueness of the Center as a training facility. Other responsibilities include revising and marketing the Corn and Soybean Field Guide and the Forage Crops Field Guide, as well as participating in other extension education activities of the School of Agriculture.

Qualifications:

Education required: M.S. or Ph.D. (or equivalent experience) in Agronomy, Entomology, Plant Pathology, Weed Science, or related discipline. Candidates must have strong interpersonal skills, be familiar with the educational needs and have experience in developing and presenting effective adult education programs for a diverse private, public, and governmental audience, excellent verbal and written communication skills, and experience in coordination of diverse activities and supervision of students and staff. Knowledge of crop production/protection practices, field research techniques, electronic educational delivery systems, and teaching techniques suitable for non-traditional learners are essential. Applicants should have experience in establishing field plots and diagnostic problem solving.

Application Deadline: March 7, 2003, or until a suitable applicant is selected.

To apply, send a letter of application containing your philosophy or conceptual approach to professional adult education, resume, transcripts and names, addresses and telephone numbers for three references to:

Dr. Keith Johnson
Department of Agronomy
915 State Street
Purdue University
West Lafayette, Indiana 47907-2054

For additional information regarding this position, contact Dr. Keith Johnson, 765-494-4773, e-mail johnsonk@purdue.edu or Dr. Craig Beyrouy, 765-494-4774, e-mail beyrouy@purdue.edu.

Purdue University is an Affirmative Action/Equal Opportunity Employer

NECROLOGY

Dr. James W. Herron, Extension Professor in the Department of Agronomy, died on August 20, 2002. Dr. Herron was a native of Beaver, PA and served in the United States Army in World War II. He received a Ph. D. degree from Cornell University in 1952, joining the University of Kentucky that same year and spent his entire professional career there until his retirement in 1986. His positions with UK included: Botanist from 1952-58; Professor of Horticulture from 1958-1965; and Extension Professor of Agronomy from 1965-1986. Dr. Herron's service to UK included serving on the University Senate and numerous university and college committees. He served on the advisory committees of fifteen graduate students. He was the College of Agriculture's Pesticide Program Coordinator for many years. Dr. Herron was a member of the following Kentucky organizations: Kentucky Fertilizer and Agricultural Chemicals Association, Vegetation Management Association of Kentucky, Kentucky Turfgrass Council, Sigma Xi, Gamma Sigma Delta (President, 1964-65) and Epsilon Sigma Phi.

Dr. Herron was a pioneer in the emerging discipline of Weed Science during his professional career. His Ph. D. research on the biology and ecology of the weed, common lambsquarters (*Chenopodium* species), was one of the first of its kind and had implications for controlling this weed in field crops. During his career

at UK, he developed an innovative extension weed control program that was widely accepted by clientele in Kentucky and his peers at other universities. A significant portion of his career was devoted to developing weed control recommendations in no-tillage, the production of crops without tillage.

Dr. Herron was recognized for his dedicated service to the discipline of Weed Science by being named a Fellow of the Weed Science Society of America in 1985. He served the North Central Weed Science Society as President in 1981 and was named an Honorary Member of that Society in 1982. He was awarded a Certificate of Achievement by the University of Kentucky College of Agriculture for his pioneering efforts in the development of no-tillage crop production and Epsilon Sigma Phi, an honorary extension society, awarded him a Certificate of Recognition for Meritorious Service in 1979.

His wife Marge (Valley Park MO) and daughters Margie (Atlanta GA) and Mary Lee (St. Louis MO) and six grandchildren survive Dr. Herron.

Memorial contributions in his honor may be made to the North Central Weed Science Society, 1508 W. University Avenue, Champaign IL 61821-3133.

For an online version of the NCWSS News Letter
go to
www.ncwss.org

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I have to confess that I could not remember much about the Presidential address or general session of my first NCWSS meeting. After reading through the "History of the North Central Weed Control Conference", I learned there actually was no general session or Presidential address that year because of the large number of papers. I mainly remember being very nervous and anxious about my presentation the first afternoon of the conference. At that time, I certainly had no idea or aspirations of serving in a leadership role in the society.

I still find it hard to believe that I was given this opportunity. It's been a very rewarding experience and honor to serve as President of this society during the past year. I was surprised to learn that I was only the second person from the great state of Kansas to serve as president of this society. The first president from Kansas was Ted Yost, who is considered the father of this society and was the organization's very first president over 50 years ago. It was a long drought for Kansas, but then Kansans are used to dealing with drought. Thank you once again for the honor of serving as President of the North Central Weed Science Society. *

Invasive Plants in Natural and Managed Systems:

Linking Science and Management

A Conference and Workshop

in conjunction with

7th International Conference on the

Ecology and Management of Alien Plant Invasions

November 3-7, 2003 Wyndham Bonaventure Resort, Ft. Lauderdale, FL



National Association of

THE
**Natural
Areas**
ASSOCIATION

EPPCs

Society for
Range
Management



FICMNEW



Goals:

- 1) To promote scientific exchange among invasive plant researchers;
- 2) To enhance dialogue between scientists, managers, and practitioners to broaden understanding of the science, needs, and prospects for efficient invasive plant management; and
- 3) To foster interdisciplinary cooperation on the science and management of invasive plants.

Anticipated Participants: ecologists ♦ weed scientists ♦ private and public land managers ♦ agricultural scientists ♦ botanists ♦ weed management specialists ♦ horticulturalists ♦ extension personnel ♦ agriculture and natural resources educators ♦ nursery professionals ♦ horticulturalists ♦ biological control investigators and practitioners ♦ transportation and utility representatives ♦ others interested in invasive plant issues.

Conference Themes: The joint conference will feature invited speakers, symposia, contributed posters, field trips, workshops, and panel discussions on numerous topics including: ♦ managing for desired plant communities ♦ ecological impacts of invasive plants ♦ detecting invasive exotic plants ♦ predicting species invasiveness and preventing entry ♦ predicting community susceptibility and resistance to invasion ♦ modeling biological invasions ♦ economic impacts ♦ control methods and technologies ♦ information management and databases ♦ genetic impacts on native plant communities ♦ evolution of invasive plants to control methods ♦ contributions of agriculture to wildland weed ecology ♦ biological weed control ♦ ecological impacts of control ♦ public outreach and education ♦ global change, human movement, and invasives ♦ fire and invasives ♦ priority setting ♦ linking science and policy.

Plenary and Symposium Speakers:

Speakers as of October 2002, more to be added...

Secretary of Interior Gale Norton (invited)

Secretary of Agriculture Ann Veneman (invited)

Ann Bartuska, The Nature Conservancy

Steve Dewey, Utah State University

Mark Lonsdale, CSIRO

Rod Randall, Western Australia Department of Agriculture

Marcel Rejmanek, University of California-Davis

Dan Simberloff, University of Tennessee

Conference Co-Chairs, **Carla D'Antonio** (Ecological Society of America) and **Nelroy Jackson** (Weed Science Society of America), and the **EMAPI Organizing Committee** invite you to participate in this exciting event.

For more information: <http://www.esa.org/ipinams-emapi7/>

If you are interested in participating in the Conference and would like to be added to the mailing list to receive updates, please email your name and contact information to ipinams@esa.org.