

Farm Equipment/Motor Vehicle Crash Prevention Conference



**Hotel Fort Des Moines and
Nationwide Western Gateway Campus**

Des Moines, IA

March 17-18, 2009

Great Plains Center for Agricultural Health

Farm Equipment/Motor Vehicle Crash Prevention Conference

Advisory Committee

Robert Aherin, PhD & Professor
University of Illinois at Urbana-Champaign

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John Slocombe, Professor & Ag. Safety & Health
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Conference Objectives

The objectives for the Farm Equipment - Motor Crash Prevention Conference hosted by the Great Plains Center for Agricultural Health (GPCAH) are to:

- a) facilitate the presentation of information and data from the nine-state region that is related to the interaction of farm equipment and motor vehicles on public roadways.
- b) provide a forum for discussions among diverse group of stakeholders from within and among the nine-state region with interests related to the movement of farm equipment on public roadways.
- c) produce recommendations for future research, data acquisition, education, training, and programming needed to reduce the number of crashes involving farm equipment and motor vehicles.
- d) reach consensus on specific goals and measurable outcomes to promote throughout the nine-state region to reduce the overall number, severity and amount of property damage in farm equipment and motor vehicle crashes
- e) allow each state contingent to formalize an action plan containing individual facets to use within their state to achieve an overall reduction in the number of farm equipment and motor vehicle crash (FEMVC) incidents and injuries.



National Children's Center
for Rural and Agricultural Health and Safety



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FOUNDATION**



Dakota Center for Technology
Optimized Agriculture



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Farm Equipment/Motor Vehicle Crash Prevention Conference Agenda March 17-18, 2009

Tuesday, March 17

8:00 AM Welcome

President Gary Douglas and Vice-President Steve Simmons, Nationwide Agribusiness Insurance

Wayne Sanderson, PhD, Center Director, Great Plains Center for Agricultural Health, University of Iowa

Logistics and Emcee:

Robert Aherin, PhD, Professor and UI-Extension Safety Specialist, University of Illinois at Urbana-Champaign

History of ASAE S279 Evolution – “Drivers” of Changes to the Standard

Michael Weber, Manager, Technical & Safety Services, Association of Equipment Manufacturers (AEM)

Driver Education and Training and Curriculum – Nine-State Review

Dr. Dale O. Ritzel, Director/Professor Emeritus, Safety Center/Health Education, Southern Illinois University Carbondale, Dr. Ritzel is presenting for Dr. Allen Robinson CEO - American Driver and Traffic Safety Education Association

10:15 – 10:30 AM BREAK

10:30 AM Tractor Risk Abatement and Control, Lessons Learned

Mel Myers, Associate Professor, University of Kentucky

Rural Roadway Questionnaire for High School Driver Education Instructors

Dan Neenan, Manager, National Education Center for Agricultural Safety

12:00 – 12:45 PM LUNCH PROVIDED

1:00 – 1:30 PM Group discussion on how best to meet in work-groups for facilitated discussions

1:30 – 2:15 PM How to Train a Commercial Driver: the 25 Year Old Unanswered Question

Mike O’Connell, Executive Director, Commercial Vehicle Training Association

2:15 – 3:00 PM Farm Equipment-Motor Vehicle Crash Research & Outreach Activities

Keith K. Knapp, P.E., Director of Transportation Safety Engineering, Center for Excellence in Rural Safety, University of Minnesota

3:00 – 3:15 PM BREAK

3:15 – 4:00 PM Agricultural Equipment on Public Roads White Paper

Dennis J. Murphy, Professor of Agricultural Safety & Health and Extension Safety Specialist

4:00 – 5:15 PM Work Group Discussions

5:15 – 5:30 PM Discussion and Wrap Up of Days Activities, *Chip Petrea*

ADJOURN

6:30 PM GROUP DINNER PROVIDED

Following Dinner – Work-groups meet as needed

Wednesday, March 18

8:00 AM Reports from each work-group facilitator given.
Large group discussion, thoughts and reactions.

9:00AM Dependent on results of discussions on Tuesday
Each State's contingent work-groups meeting to begin drafting priority items for action plans, Work-Groups facilitated by advisory committee member(s) from that State

10:15 – 10:30 AM BREAK

11:30 AM – 12:30 PM Group meeting to report on action plan facets and strategies
Chip Petrea, UIUC

Conference evaluation and follow-up evaluation time line

12:30 – 1:30PM LUNCH PROVIDED, ADJOURN

Speaker Bios

Keith Knapp

Keith Knapp, PE is the Director for Transportation Safety Engineering at the Center for Excellence in Rural Safety (CERS) at the University of Minnesota. He is a transportation engineer with almost 20 years of experience in research/training/consulting. His work has focused on the safety and operational impacts of various roadway characteristics (e.g., geometrics, weather, polices, etc.). He has been an instructor in more than 40 training courses and taught traffic engineering, safety, and highway design at various universities.

Dennis Murphy

Dennis Murphy is a Cooperative Extension Farm Safety Specialist and a Certified Safety Professional in the Department of Agricultural and Biological Engineering, College of Agricultural Sciences, The Pennsylvania State University. Current program areas that Dennis works in include applied research and education for: tractor and machinery safety issues; youth safety; classification of agricultural deaths and injuries; methods of modifying farm worker safety behavior; evaluating safety interventions; and responding to farm injury emergencies.

Mel Myers

Mel Myers served as Adjunct Assistant Professor for the Department of Environmental and Occupational Health at the Rollins School of Public Health of Emory University since 1992 teaching in the course, Occupational and Environmental Health Policy. In 1998, he served as Senior Editor for the *ILO Encyclopedia of Occupational Health and Safety*, and he retired from The National Institute for Occupational Safety and Health, U.S. Public Health Service. Since then, he has conducted research at the University of Kentucky where he is a research engineer conducting cost-effectiveness analyses and tractor safety studies and is a Principal Investigator on a grant regarding occupational safety and health in aquaculture.

Dan Neenan

Dan Neenan is the manager of the National Education Center for Agricultural Safety located in Peosta Iowa, he is a Paramedic Specialist and fire- fighter. Dan serves on the I-CASH board of directors, Iowa EMS advisory board and chairs the Iowa Community College Fire Program managers with the Iowa Fire Service Training Bureau



Speaker Bios Cont'd.

Mike O'Connell

Mike O'Connell is a transportation attorney practicing in Washington, DC. He is Executive Director and Counsel to the Commercial Vehicle Training Association. His practice has in the transportation field spanned 25 years, during which he has served at various times as general counsel to CVTA as well as the Commercial Vehicle Safety Alliance, the Professional Truck Driver Institute, the Owner-Operator Independent Drivers Association and many individual motor carrier interests.

Prior to beginning his practice, he served as a senior policy analyst in the Office of the Secretary of the U.S. Department of Transportation for 5 years. He received a Masters degree in Political Science and a Master of Public Administration from the University of West Florida, where he also taught as an adjunct professor from 1983- 1991. He also earned his law degree from the Catholic University of America.

Dale O. Ritzel

Dale O. Ritzel was Director and Professor of Injury Prevention at Southern Illinois University Carbondale until retiring after 41 years of teaching and research. In both 2007 and 2008, he received the top research award given by the National Safety Council. He currently is President-Elect of the Illinois High School and College Driver Education Association.

Michael Weber

Michael Weber is the manager of Technical and Safety Services for the Association of Equipment Manufacturers (AEM). He currently serves as the AEM facilitator for the following product safety and technical committees/councils: Construction Equipment Standards & Regulations Committee, Farm Equipment Council Ag Safety Committee, Farm Equipment Council Ag Lighting Subcommittee, Farm Equipment Council Ag ROPS Subcommittee, Farm Equipment Council Tractor-Implement Interface/PTO Subcommittee, Farm Equipment Council Ag Safety Pictorial Subcommittee, Product Safety & Compliance Seminar Planning Committee and Safety Sign Pictorial Committee.

Michael is also the AEM representative for the following organizations: Agricultural Safety & Health Council of America (ASHCA), NIOSH, National Occupational Research Agenda (NORA) and ANSI Z535 Committee for Safety Signs and Colors. He is a member of American Society of Agricultural and Biological Engineers (ASABE), SAE International, Standards Engineering Society (SES) and National Institute for Farm Safety (NIFS). Michael has 30+ years of practical application in Technical Communication and is a Textron Six Sigma Green Belt trained in DMAIC and LEAN processes.



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Suggested Work-Groups

Farmer Group

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 Ellen Culver, IL
 Gary Erisman, IL
 Paul Gunderson, ND
 Holly R. Higgins, KS
 Tracton Lewis, ND
 Carol Miller, IA
 Cheryl Tevis, IA
 Sharry Nielsen, NE
 Polly Nicholson, MO

Sheriff/State Police

Chuck Schwab, IA, Facilitator
 Todd Brautigam, IL
 Keith Brown, IL
 Karin Groves, IL
 Kevin Hickey, IL
 John Jefferson, IL
 Trooper Vince Kurtz, IA
 Roger Mulch, IL
 Julian Ortiz, IA
 Evan Vebrugge, MN
 Robin Tutor, NC

State Agency

Jan Goldsmith, IA, Facilitator
 Carson Fitzgerald, NE
 Sean Owings, NE
 Mary Schaer, IA
 Randall Silvey, MO
 Bob Sperry, IA
 Bob Thompson, IA
 Keith Knapp, MN

Driver Training

Eileen Fisher, IA, Facilitator
 Diane Hall, SD
 Eric Majeres, SD
 Larry Nagel, ND
 Mike O'Connell, VA
 Dale O. Ritzel, IL
 Louis Spoonour, VA
 Dan Neenan, IA
 Bob Schultheis, MO

Manufacturer/Dealer

Karen Funkenbusch, Facilitator
 Will Rogers, IA/NE
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 Mike Weber, WI
 Wayne Sanderson, IA
 Mel Myers, KY/GA
 William Booker, NE
 Dennis J. Murphy, PA
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State Groups

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 Gib Cady, IL
 Ellen Culver, IL
 Gary Erisman, IL
 Karin Groves, IL
 Kevin Hickey, IL
 John Jefferson, IL
 Roger Mulch, IL
 Dale O. Ritzel, IL

Iowa

Shari Burgus, IA
 Eileen Fisher, IA
 Jan Goldsmith, IA
 Trooper Vince Kurtz, IA
 Carol Miller, IA
 Dan Neenan, IA
 Julian Ortiz, IA
 Will Rogers, IA/NE
 Mary Schaer, IA
 Chuck Schwab, IA
 Bob Sperry, IA
 Cheryl Tevis, IA
 Bob Thompson, IA
 Wayne Sanderson, IA

Kansas

Holly R. Higgins, KS
 Mitch Ricketts, KS

Minnesota

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 Rich Strom, MN/SD
 Evan Vebrugge, MN

Missouri

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 Bob Schultheis, MO
 Randall Silvey, MO
 Karen Funkenbusch, MO

Nebraska

William Booker, NE
 Carson Fitzgerald, NE
 Sharry Nielsen, NE
 Sean Owings, NE

North Dakota

Paul Gunderson, ND
 Tracton Lewis, ND
 Larry Nagel, ND

South Dakota

Diane Hall, SD
 Eric Majeres, SD

Wisconsin

Mike Weber, WI

Other States

Dennis J. Murphy, PA
 Mel Myers, KY/GA
 Mike O'Connell, VA
 Louis Spoonour, VA
 Robin Tutor, NC



Work-Group and State-Group Questions

Work Groups

The most important concerns related to/factors contributing to farm equipment/motor vehicle crashes are _____?

Pick the top three.

If these are the three most important concerns/factors, what are the most effective ways of addressing them?

State Groups

What do you think your state group can do to reduce farm equipment/motor vehicle crashes?

What are specific activities/steps that your state group could take to accomplish what it would like to do?

What could your state group do to determine whether the activities/steps taken have been effective in reducing farm equipment/motor vehicle crashes?

