

## UWE MEISSNER

### CURRICULUM VITAE

#### POSITION

Research and Consulting Engineer specializing in transportation collision analysis, vehicle crash performance evaluations, and accident reconstruction. Research activities include vehicle safety system evaluations, occupant kinematic analysis relative to accident reconstruction, vehicle crash and performance testing, as well as vehicle components testing including seats, child seats, door latches, fuel systems, restraint systems, airbags, and studies of occupant behavior. These activities include Court appearances as an expert witness as well as deposition testimony.

#### EXPERIENCE

2011 – present	Research Engineer with <b>Collision Research Analysis, Inc.</b>
1981 – 2010	Product Analysis Manager with <b>Volkswagen Group of America, Inc.</b>
1979 – 1981	Product Engineering Manager with <b>Volkswagen of America, Inc.</b>
1972 – 1979	Senior Engineer Product Analysis with <b>Volkswagen of America, Inc.</b>
1969 – 1972	Senior Engineer Service Department with <b>Volkswagen of America, Inc.</b>
1968 – 1969	Chief Methodizing Engineer with <b>Guenther Systems, Inc.</b>
1965 - 1967	Research Assistant University of <b>Aachen, Germany</b>

Has conducted and analyzed numerous full scale automobile crash tests, and has evaluated more than two thousand crashed vehicles. Has participated in the analysis, reconstruction, and trial preparation of numerous automobile traffic collisions. Has studied the behavior of children and adults in the automobile environment. Has analyzed the impact of Regulatory Actions concerning automotive safety issues. Is continuing to mentor researchers working on injury mitigation with the Center for Child Injury Prevention Studies (CChIPS) at the Children’s Hospital of Philadelphia (CHOP).

#### EDUCATION

Master of Science Mechanical Engineering, Technical University of Aachen, Germany 1967  
Bachelor of Science Mechanical Engineering, Technical University of Aachen, Germany 1963

#### PROFESSIONAL AFFILIATIONS

Member of Society of Automotive Engineers (SAE), 1973 - present  
Member of Association for the Advancement of Automotive Medicine (AAAM), 1981 - present  
Verein Deutscher Ingenieure (VDI) – Association of German Engineers, 1965 - present  
National Fire Protection Association (NFPA), 1997 - present  
New York Statewide Traffic Accident Reconstruction Society, Inc. (NYSTARS), 1997 - present

#### RECOGNITION/AWARDS

Recipient of the 1994 Association for the Advancement of Automotive Medicine Best Scientific Paper award for the child safety and behavioral work presented in Lyons, France.  
Recipient of the Association for the Advancement of Automotive Medicine “A. J. Mirkin Award 2001”.  
Association for the Advancement of Automotive Medicine Fellow in 2003.

## **PROFESSIONAL APPOINTMENTS**

Association for the Advancement of Automotive Medicine, Board of Directors 1998 – 2004  
Association for the Advancement of Automotive Medicine, Executive Committee 2001 – 2005  
Association for the Advancement of Automotive Medicine, Secretary 2001 – 2003  
Association for the Advancement of Automotive Medicine, President 2004  
Chair of Industrial Advisory Board 2005 – 2007, Center for Child Injury Prevention Studies, Children’s Hospital of Philadelphia (CHOP)  
Member Industrial Advisory Board 2005 – 2010, Center for Child Injury Prevention Studies (CHOP)  
Chair: Traffic Collision Types and Associated Injuries, 2005, AAAM  
Society of Automotive Engineers, subcommittee child seating/restraint systems, 2004 - present  
Technical Advisor to Industrial Advisory Board, Center for Child Injury Prevention Studies (CHOP), 2011 – present

## **PRESENTATIONS & PUBLICATIONS**

Presentation: Children in Restraints, Booster Seats for Children: Closing the Gap Between Science and Public Policy in the United States. Washington, D.C. - April 2001

Invited Presentation: The Abbreviated Injury Scale, Digital Innovation (DI) annual conference, Denver, CO - October 2005

Invited Presentation: Crash Injury Research Engineering Network, annual conference of the International Research Council on the Biomechanics of Impact - 2003 Graz, Austria

Invited Presentation: Center for Child Injury Prevention Studies, Manufacturers Briefing Conference, Auburn Hills, MI - December 2006.

Collision Performance of Automotive Door Systems, D. Blaisdell, G. Stephens, U. Meissner, SAE 940562

Children in Restraints, U. Meissner, G. Stephens, L. Alfredsson, 38<sup>th</sup> Annual Proceedings, Association for the Advancement of Automotive Medicine, 1994, Lyon, France

Usage and Effectiveness of Rear-Seat Restraints in Severe Frontal Collisions, C. Y. Warner, U. Meissner, R. Bandstra, J. Padmanaban, Proceedings of the 30<sup>th</sup> International Symposium of Automotive Technology and Automation, paper # 97SAF063, 1997

Observations Relating to Rear Seat Belt Performance in Severe Frontal Collision, Padmanaban, J., Warner, C.Y., Meissner, U., Bandstra, R., Proceedings of the 31<sup>st</sup> International Symposium on Automotive Technology and Automation, paper # 98SAF058, 1998.

Seat-Belt Injuries in Medical and Statistical Perspectives, Bandstra, R., Meissner, U., Warner, C.Y., Monaghan, S., Mendelsohn, R., McPherson, D., Proceedings of the 16<sup>th</sup> International Technical Conference on the Enhanced Safety of Vehicles, paper # 98-S6-W-25, 1998.

Performance of Rear Seat Belt Restraints, Warner, C. Y., Meissner, U., Bandstra, R., SAE (2003-01-155)

Booster Seats for Children: Closing the Gap Between Science and Public Policy in the United States. Durbin, D. R., Runge, J., Mackay M., Meissner, U. Wodzin, E., Yoganandan, N., Traffic Injury Prevention, Vol. 4, Issue 1 (pp.5-8), March 2003.

Letter to the Editor of The Journal of Trauma (Vol. 50, Number 6) Regarding “Severe Head Injury caused by Airbag Deployment”, Holland et al.

Hurwitz, D. S., Pradhan, A. K., Fisher, D. L., Knodler, M. A., Menon, R., Meissner, U. (2009). Backing collisions: A study of driver’s eye and backing behavior using combined rear view camera and sensor systems. Injury Prevention 2010, 16:79 – 84.