

**2006 INTERNATIONAL MOTORCYCLE
SAFETY CONFERENCE**

**Presenter
Biographies**

Dale Andrea, Ph.D.

VicRoads

Dale has been involved in road safety and injury research for 10 years. Between 1996 and 2004, Dale worked on numerous research projects at the Monash University Accident Research Centre and also taught research methods in the Department of Psychology. Dale completed his PhD in 2003, which investigated human factors issues for older drivers in complex road environments. Dale's appointment to VicRoads (Victoria's state road authority) in 2004 transferred his research and road safety experience to the development and implementation of strategic programs and countermeasures. As a project manager at VicRoads, Dale has played a key role in developing an extensive multidisciplinary motorcycle safety program incorporating research, evaluation and the implementation of initiatives. In developing the program, Dale has been involved in substantial consultation with government stakeholders, motorcycle industry associations and motorcycle representative groups.

Jean-Pierre Belmonte

Promocycle Foundation

Born 1950

1972-1998: Moto Journal Editor (French motorcycle magazine in Québec)

1989-2004: President of Turbopress – publisher of *Cycle Canada*

2004-present: President of Expomax (producer of consumer motorcycle shows in Canada)

1990-present: President Promocycle Foundation (non-profit association that promotes motorcycle safety)

Stephanie Binder

National Highway Traffic Safety Administration

Stephanie C. Binder is currently a General Engineer at the National Highway Traffic Safety Administration in Washington, D.C. Ms. Binder received her Master's in Industrial and System Engineering from Virginia Tech, where her thesis work at the Virginia Tech Transportation Institute investigated different headlamp configurations and their impact on glare and pavement marking visibility. In addition to motorcycle conspicuity, Ms. Binder is currently involved in headlamp, safety belt, and advanced vehicle technology research.

David D. Chen, Ph.D.

California State University Fullerton

David D. Chen, Ph.D., is an associate professor of kinesiology at California State University Fullerton. His major areas of research are motor control, motor learning, and stress management. He has published numerous research articles and has coauthored a stress management textbook. He also provides consulting services for individuals and corporations in human performance enhancement. Among the courses he has taught are motor development, motor learning and control, stress management, sport psychology, and Tai Chi.

Liz de Rome

LdeR Consulting

Liz de Rome is a road safety consultant specialising in motorcycle safety and strategic planning. She has worked with more than 40 separate communities in Australia to improve road safety at the local level.

For the past five years she has been working with the motorcycle community and road safety agencies to improve motorcycle safety through safer riding, safer roads and driver awareness. She developed the first rider initiated motorcycle safety strategic plan in Australia for the Motorcycle Council of NSW. She has also been responsible for a number of motorcycle safety initiatives including the development of a motorcycle road safety website and guides for riders on motorcycle protective

clothing for the Motorcycle Council of NSW and for the Accident Compensation Commission of New Zealand. Most recently she has been working with the industry and other stakeholders on the development of a safety assurance system for motorcycle protective clothing.

Liz is the author of *A guide to the development of Council road safety strategic plans*, and has developed road safety strategy plans for many local councils in NSW. Liz also manages a Road Safety Speakers Bureau, which provides access to expertise for local government roads engineers particularly those in rural and remote areas. She is an Associate Fellow of the Australasian College of Road Safety.

Horst Ecker, Ph.D.

Vienna University of Technology

Horst Ecker received his diploma degree and his Ph.D. in Mechanical Engineering from Vienna University of Technology. He is now an Associate Professor at his Alma Mata, teaching courses on Dynamics and on Computational Methods. His research and scientific interest covers many kinds of dynamical problems, including the dynamics of road vehicles, accident analysis and driver behavior.

During the 90s he was leading a research project on the braking performance of motorcycle riders. Measurements were carried out with a large number of volunteers on a testing facility.

In 2005 he was invited as a visiting professor to teach a course on Vehicle Dynamics at Duke University, Durham, North Carolina. He is a certified and registered expert in vehicle accident reconstruction in his home country Austria, and is specialized in the analysis of motorcycle accidents. In his leisure time he enjoys riding a Yamaha XJ650 on mountainous road in the Austrian Alps.

Patty Ellison-Potter, Ph.D.

National Highway Traffic Safety Administration

Dr. Patty Ellison-Potter obtained her Ph.D. in social psychology from Colorado State University in 1997. She has been employed as a Research Psychologist with the National Highway Traffic Safety Administration for the past eight years. Her primary research areas include motorcycle safety, aggressive driving, and graduated driver licensing and driver education.

Dick Garrett

United States Air Force

Dick Garrett is an Instructional Systems Specialist for the United States Air Force, currently working on developing training materials and contractor oversight for F-117 Stealth fighter pilots at Holloman Air Force Base, New Mexico. He is a retired Air Force pilot. His education, training and experience include a BS degree in aerospace engineering, MS degree in education, combat fighter pilot, Flying Safety Officer Course at the University of Southern California, aircraft accident investigator, adjunct faculty member teaching computer courses for New Mexico State University, assisted the Air Force Inspection and Safety Center in designing a proposal to the Air Force Deputy Secretary for Manpower for a worldwide USAF motorcycle safety program, former MSF Chief Instructor and Chief Instructor Trainer, and consultant to the MSF and SVIA for training course design and testing. With more than 25 accident free years of motorcycle riding experience, he has voluntarily designed and is field testing the Motorcycle Rider Mentor (MRM) Program for the Air Force. He summarizes his approach to effective rider education as “90% between the ears and 10% between the legs!” and, “Only a biker knows why a dog sticks his head out of a car window.”

Donovan Green

National Highway Traffic Safety Administration

Safety Standard Engineer, Office of Crash Avoidance Standards

Education: B.S. in Mechanical Engineering, Syracuse University; M.S. Business Administration & Technology, Syracuse University; Graduate of MSF rider course

Professional Experience: General Motors; Crashworthiness and Occupant Protection 1999-2002; U.S. Department of Transportation National Highway Traffic Safety Administration Office of Rulemaking, 2002 - present

Awards: NHTSA's Administrator's Award - 2005

Career Highlights: Donovan began his automotive career as an engineer for General Motor's developing airbags and occupant protection systems for their small car line. Seeking to move closer to family, Donovan moved to Washington, DC to begin a career with the National Highway Traffic Safety Administration (NHTSA). In 2002 Donovan joined NHTSA as a Safety Standard Engineer for passenger vehicle brakes and tires. He is primarily responsible for updating and developing new Federal Motor Vehicle Safety Standards, Donovan has also assisted in the international effort to harmonize certain vehicle safety standards. Over the past three years his passion and knowledge of motorcycles has continued to grow. Donovan continues to play an essential role at NHTSA in developing strategies to improve motorcycle safety.

Narelle Haworth

Centre for Accident Research Road Safety

Narelle Haworth is Professor in Injury Prevention and Rehabilitation at the Centre for Accident Research Road Safety in Queensland, Australia. She has managed an ongoing stream of motorcycle safety research projects since 1994. Early projects examined on- and off-road motorcycle crash injuries to children and adolescents, and motorcycle crash countermeasures. Narelle managed the first case-control study of motorcycle crashes in Australia. This study acted as a springboard for later research and program development in treating road environment factors contributing to crashes, rider training and rider hazard perception. In 2002, Narelle began a series of projects aimed to develop a better understanding of the patterns of riding and risk factors associated with older motorcyclists and to recommend measures that may reduce the crash involvement of these riders.

Michael Jordan

National Highway Traffic Safety Administration

Mr. Jordan was raised in Charleston, West Virginia, and has lived in the Washington, D.C., metropolitan area since 1995. In February 2002, Mr. Jordan began his federal career with the National Highway Traffic Safety Administration (NHTSA) as a Safety Defects Program Assistant in the Office of Defects Investigation (ODI). During Mr. Jordan's tenure with ODI, his research prompted numerous safety defect investigations in motor vehicles, motorcycles, and motor vehicle equipment. Two of the safety defect investigations prompted by Mr. Jordan's research resulted in the largest safety defect recalls associated with motorcycles in United States history at the time of their issuance.

In December 2005, Mr. Jordan accepted a position as a Program Analyst in NHTSA's Office of Program Development and Delivery and is responsible for developing programs that concern motorcycle safety. Currently, Mr. Jordan is working with the American Association of Motor Vehicle Administrators (AAMVA) to update the Motorcycle Operator Licensing System manual and the Integrating Motorcycle Rider Education and Licensing manual. Additionally, Mr. Jordan is preparing a report to Congress that will identify model "Share the Road" language to assist other drivers in seeing motorcyclists on our Nation's roads and highways.

This coming weekend (April 7-9), Mr. Jordan will be taking the Basic *RiderCourse* (BRC) at the Northern Virginia Community College and plans to purchase his first motorcycle shortly thereafter. Finally, Mr. Jordan will be signing autographs for \$20 apiece for the duration of the conference and all proceeds will go towards the purchase of his motorcycle.

Risto Kaivola

Nokia Corporation

Born 1955 in Helsinki, Finland. Studied safety sciences and machine desing in Tampere University of Technology, graduated 1987 and licentiate degree in 1995. From the year 1999 worked as an acoustician in Nokia Corporation.

First motorcycle in 1971, a Honda C92, but my first period lasted only a couple of years. New beginning of motorcycle as hobby in 1992. After that, studied motorcycle related risks as a hobby. A study of fatal motorcycle accidents in Finland at 1996, financed by insurance companies. Published many motorcycle magazine articles in Finnish, various topics but many dealing with the risks. He now rides a 1986 model BMW K 75, approximately 10,000 km yearly.

The way to experienced rider course instructor was the only available in Finland in '90s: several courses as a participant, then as an apprentice and after many, many courses, as instructor. Formal instructor course of three days in 1999.

Antti Korteso

Motorcycle Rider Trainer

AK was born 1959 in Juupajoki, Finland, in farmer family. He started riding at 16 years of age with Yamaha DT-125 and has always owned at least one bike since then. Nowadays his bikes are Honda CX-500 and VFR-750. Yamaha XZ-550 and some other oldies wait for restoration.

AK has studied product development in Tampere University of Technology and his licentiate study was "Motorcyclists' Helmet Noise and Attenuation".

Experienced rider training has been his hobby for 20 years. And besides experienced rider training, AK teaches new driving school teachers in motorcycle riding, too. AK has been eagerly making courses better in Finland. One good improvement on training has been accident analysis as a group work. He has also taken part in every ERTS.

JanMarie Lambert

Wisconsin-Based Non-Profit

JanMarie Lambert works for a non-profit agency in Milwaukee, Wisconsin whose programs focus on public safety and social justice. She has a Masters Degree in Criminal Justice and many years experience in the human services field. She has been a rider for over 20 years.

Bjørn A. Lund

Advisor, Norwegian Public Roads Administration

Bjørn A. Lund is an advisor at the Centre for Road and Traffic Technology – Driver Training and Behavior in the Norwegian Public Roads Administration, Trondheim.

He began as a motorcycle instructor in 1989 and since 1997 he has been working at the Directorate of Public Roads. Lund has a bachelor degree in psychology.

Recently he has been responsible for leading the project that has developed a new motorcycle training program in Norway effective from 1 January 2005. In addition, Lund is the Directorate's expert in investigation and development work in the fields of rider behavior and motorcycle safety.

Raynald Marchand

Canada Safety Council

Raynald Marchand is currently the Manager of the Traffic Safety & Training Section and the National Coordinator of "Gearing UP" Canada's Motorcycle Skills Course for the Canada Safety Council in Ottawa, Canada. He is responsible for the curriculum development and management of the Council's training programs and national awareness campaigns.

Marchand has been a motorcyclist for 32 years and in the field of driver training and driver behaviour for 27 years. Originally from Quebec, where he received a diploma in Human Sciences from CEGEP, he pursued his studies in Psychology at the University of Victoria in British Columbia where he

received his BA with a major in Psychology. Marchand also received a certificate in management from Algonquin College in Ottawa.

He sits on many advisory committees from: Transport Canada, Canadian Council of Motor Transport Administrators, Canadian Association of Chief of Police, and Operation Lifesaver Railway Safety.

Marchand does many media interviews in French and English. He is also a guest speaker at several transportation conferences and meetings every year.

Scott McKnight

Public Services Research Institute

Scott McKnight has worked in the field of transportation safety research for more than 25 years. In this time, he has participated in studies of vehicle operators including motorcycle operators, commercial vehicle operators, recreational boaters, novice drivers, and elderly drivers. He has worked on numerous drinking-and-driving-related projects, including studies of youth peer intervention programs, responsible beverage service programs, use of passive breath-testing devices, and the creation and evaluation of standardized field sobriety tests, including alternative tests for use in a marine environment and for detection of alcohol impairment at low BAC levels. He has also studied the use of emerging technologies for purposes such as police accident reporting; safety training of private boat operators; administration of a risk assessment screening measure for adolescents; automated assessment of psychophysical abilities related to driving; and the use of magnetic-stripped drivers licenses in preventing alcohol sales to minors. Mr. McKnight has experience in the use of instrumented vehicles, video cameras, still and film cameras, computers, simulators and other equipment for recording of data related to human behavior. He has produced numerous video and slide/tape training programs and public service announcements. Mr. McKnight serves as Secretary of the Transportation Research Boards Committee on Motorcycles and Mopeds.

Christine Mulvihill

Monash University, Melbourne, Australia

Christine Mulvihill is a Research Assistant who has worked in several areas of road safety research during four years at Monash University Accident Research Centre in Melbourne, Australia. In addition to motorcycle safety, she has conducted work in the areas of road worker safety, young driver research, emergency vehicle safety, and rail safety. Christine has a Bachelor of Behavioural Science with First Class Honours.

Raymond Joseph Ochs, Ph.D.

Motorcycle Safety Foundation

Ray has over 32 years of experience in education, training and leadership functions. Beginning his career as a high school teacher in 1970, he entered academia serving as a graduate assistant at the Driver Education Instructional Demonstration Center at Indiana State University. In 1972 he was appointed Lecturer at Appalachian State University in North Carolina where he taught undergraduate safety courses, managed laboratory functions for the traffic safety teacher preparation program, implemented a motorcycle safety workshop for driver education teachers, and served as a consultant for the North Carolina Department of Education. In 1974 he was appointed at the rank of Instructor for the Driver Education Center at East Carolina University where he taught undergraduate and graduate programs in driver and traffic safety education, expanded the motorcycle rider education curriculum offered by the university, and collaborated in the development of the state motorcycle safety program. In 1976, Ray joined the faculty of Eastern Kentucky University (EKU) where he was appointed at the rank of Assistant Professor at the Traffic Safety Institute, later to earn full professor status and become the Institute's Coordinator. Serving EKU for 27 years, he was responsible for expanding the undergraduate curriculum in driver and traffic safety education, implementing several new courses including a for-credit university course in motorcycle safety education, collaborating in the

development of legislation for the state motorcycle safety program, and serving as project director for several grant-funded state projects. These projects entailed administrative, supervisory and curriculum development functions related to the State Traffic School program, the State Alcohol Driver Education program, the State Motorcycle Safety Rider Education program, the Driver Education Teacher Preparation program, and the University's Continuing Education Program.

Ray is now serving as the Director of Training Systems for the Motorcycle Safety Foundation (MSF), where he develops and maintains national curriculum and training functions related to the MSF Rider Education and Training System.

His specialties include curriculum and program development, management and evaluation, traffic safety education, all-terrain vehicle education, legislative processes, adult education and training, instructional systems design.

Jim Ouellet

Thailand Motorcycle Accident Research Project

Jim Ouellet's work in motorcycle safety began in 1975 when Harry Hurt hired him to be an accident investigator at the University of Southern California. His duties initially included on-scene investigation, rider interviewing and helmet damage analysis but quickly expanded to include all aspects of accident investigation, reconstruction and injury causation. He helped co-author of the Hurt Report. In the 1980s and 1990s he worked mostly as an expert in civil litigation, taught occasionally at the University of North Florida and published research only sporadically.

In 1997, he helped organize the Thailand motorcycle accident research project, then made frequent trips to Thailand in 1998-2001 to train the investigators, teach accident reconstruction, do quality control review on hundreds of cases and helped revise the final reports of the Thailand research. Since then he has published papers detailing Thailand research findings and comparing results of the Hurt Study to Thailand data. He is now part of the consortium that will conduct the pilot study of motorcycle accidents for NHTSA.

His publications cover topics including injuries to the head, neck, legs and groin, helmets and helmet standards, environmental hazards, collision avoidance, alcohol and rider protection strategies. For this conference he has produced four papers regarding alcohol effects, rider training and collision avoidance, helmet effectiveness and accident investigation methods.

Don Redekop

Rider Training Institute

Don Redekop is a founding director of the Rider Training Institute, a national non-profit corporation established under the aegis of the Motorcycle & Moped Industry Council of Canada. He was an early consultant to the Ministry of Transportation in Ontario on advanced motorcyclist skills evaluation and testing protocols, following on the introduction of graduated licensing in 1994. As a consultant, he has launched a dozen community college delivery programs, designed multi-level curricula, and assisted with public sector licence-examiner training and train-the-trainers programs. He has been a member of the bar of the Law Society of Upper Canada (Ontario) and the Law Society of British Columbia.

Vicki Roberts-Sanfelipo

Waukesha Memorial Hospital, Waukesha, Wisconsin

Vicki is a registered nurse at Waukesha Memorial Hospital in Waukesha, Wisconsin. She has worked for 22 years in a variety of settings throughout the hospital from Critical Care to the Operating Room. She is currently the Perioperative Educator for the Operating Room and has completed National Registry Certification as an EMT as well as having completed a course in Two Wheel Trauma for Medical Personnel. Vicki teaches CPR, defibrillators, and first aid for the American Heart Association. She has been riding her own motorcycle for the past 19 years and has completed the MSF's Experienced Rider Course. She is a life member of ABATE of WI. Charter Member of Central WI

HOG and member of Kettle Moraine HOG, MRF, BOLT, and AMA. She began teaching this program in 1997 to her friends in an attempt to have a better outcome in the event of a crash.

Nick Rogers

ACEM MAIDS Management Committee

1967 Passed motorcycle test first time, took brother to see “The Jungle Book” the same evening
1976 BA in Social Sciences (Socio-economic foundations of public policy and social research)
1983 PhD The political economy of urban and regional development
1981-1986: Technical and Training Officer at the Motorcycle Association of UK (Government relations on technical issues, dealer and rider training coordination)
1986-present: IMMA, Secretary General since 1987. Representation of the manufacturers in legislative discussions at the global level, plus related activities.
Specifically related to MAIDS: Member of the OECD expert group for creating the methodology; Chairman of the Inter-team workshop, which harmonised the interpretation of the methodology between the research teams; Chairman of the ACEM MAIDS Management Committee
On returning from the conference he shall celebrate his 30th wedding anniversary, possibly with my two (mercifully) off-hand and very independent children.

Robert Rowe

Irwin Broh & Associates

Robert Rowe has 30 years of experience in designing, implementing, and analyzing research projects and customer satisfaction programs for leisure durables. He is considered an authority in the field of powersports marketing research and has worked as an expert witness in court proceedings on the size, structure, and trends of leisure products and markets. Bob has worked with dozens of manufacturers and hundreds of dealers to measure customer satisfaction, increase dealer floor traffic and improve sales and profitability. He is the principal author of the 1998 and 2003 MIC Motorcycle/ATV Owner Summary Reports published by the Motorcycle Industry Council. He holds a Bachelor's degree in Marketing from the University of Wisconsin and an M.B.A. degree from Marquette University.

Umesh Shankar

National Highway Traffic Safety Administration

Umesh Shankar is the Chief of Data Reporting Branch in the Mathematical Analysis Division of the National Highway Traffic Safety Administration's (NHTSA) National Center for Statistics and Analysis (NCSA). In his position, Mr. Shankar leads a team in the analyses and presentation of crash data that support NHTSA's research, safety assurance, traffic safety programs, planning and policy and government performance targets. Mr. Shankar's main focus in the analyses has been motorcycles, pedestrians, alcohol and rollovers. He has extensively analyzed the fatal crash data and published several reports and research notes on motorcycles. He has also published reports on pedestrian fatalities, fatalities in rollovers and child safety.

Mr. Shankar has been invited to speak at several traffic safety conferences which include SMSA, Lifesavers, CDC, GHSA, TRB, Traffic Records Forum, AAMVA and others on several motor vehicle crash topic areas.

In October 2002, Mr. Shankar took the Motorcycle Rider Training and Education course in Maryland and is licensed to ride a motorcycle.

Prior to joining NHTSA, Mr. Shankar has worked in private consulting for over 20 years. Mr. Shankar holds a B.S. in Engineering from India and two M.S. degrees in Engineering from Texas and Maryland.

Tony Sharp

Institute of Highway Incorporated Engineers, Great Britain

Tony Sharp is Vice resident of the Institute of Highway Incorporated Engineers (IHIE) and Chairman of the Editorial Group for the IHIE Guidelines for Motorcycling. He has worked in Highway Engineering for the last 18 years and is currently employed by South Gloucestershire Council in the Traffic Signal section but in the past he has worked in local authorities dealing with Traffic Management and Road Safety (Accident Investigation and Prevention).

In addition to his duties as Vice President Tony is the IHIE representative on the Parliamentary Advisory Council for Transport Safety (PACTS) Environment Working Party. As well as his background in Highway Engineering Tony is an experienced Motorcyclist having been riding for 26 years, and during that time he has been a Chief Instructor for both Star Rider and the BMF training schemes, instructing up to Advanced Rider Level.

Karl F. Shuman

KEVA Engineering

Karl F. Shuman is a research engineer for the accident reconstruction firm of KEVA Engineering. He has a Bachelors of Science in Mechanical Engineering from University of California, Santa Barbara. He is a member of the Society of Automotive Engineers (SAE), and the American Society of Mechanical Engineers (ASME). He has co-authored papers on motorcycle handling as well as automobiles vehicle dynamics. He most recently co-authored "Rider Inputs and Powered Two Wheeler response for Pre-crash Maneuvers" at the last International Motorcycle Safety Conference held by iFz. He has 20 years of recreational motorcycle experience.

Terry Smith, Ph.D.

Dynamic Research Inc.

Dr. Smith is currently a Principal Scientist at Dynamic Research Inc. located in Torrance, California. His research activities at DRI have focused upon the application of injury biomechanics to accident investigation and product safety evaluation. He was one of the principal investigators of an on-scene in-depth motorcycle accident research program in Bangkok, Thailand and participated directly in the quality control activities of the European in-depth motorcycle accident research program known as MAIDS. His most recent activity includes participation in the development of a guide addressing collisions involving motorcycles under the National Cooperative Highway Research Program (NCHRP) and development of an onboard portable measurement system for capturing information about where motorcycle riders are looking when they ride.

Dr. Smith is also a licensed motorcycle rider and spends part of his summer repairing and riding a vintage Honda Elsinore 125 at his cottage in Canada.

David Thom

National Academies Transportation Research Board

Mr. Thom was born in Boston, Massachusetts in 1955 and has lived in Southern California since 1965. He is an active motorcyclist and bicyclist, both on- and off-road. Mr. Thom's Master's thesis topic at the University of Southern California was basilar skull fractures in fatal motorcycle accidents. He is currently the Chairman of the National Academies Transportation Research Board Motorcycle and Moped Committee (ANF30), and was one of the drafters of the National Agenda for Motorcycle Safety in 2000. Mr. Thom sits on national and international helmet committees and has been deeply involved in research to update the federal motorcycle helmet standard (FMVSS 218). He has comparison tested motorcycle helmets many times over the years.

Mr. Thom started his motorcycle safety career in 1977 working on the DOT-sponsored Motorcycle Accident Cause Factors and Identification of Countermeasures, commonly known as the "Hurt Report" at the University of Southern California in Los Angeles. This study of 900 motorcycle

accidents is still the most comprehensive and largest study of motorcycle accidents ever done in the United States.

More recently, Mr. Thom worked with the Head Protection Research Laboratory and Chulalongkorn University in Thailand on a similar study involving 1082 crashes. Mr. Thom has appeared on television, radio and national magazines regarding helmets and has testified before the California State Assembly about helmet effectiveness and the California Senate on motorcycle safety. His research activities and publications have explored motorcycles, helmets of all types, injuries and injury mechanisms.

Mr. Thom is a partner at Collision and Injury Dynamics in El Segundo, California where they test helmets almost every day.

Maria E. Vegega

National Highway Traffic Safety Administration

Maria E. Vegega, Ph.D. is currently the Chief of the Behavioral Research Division in the Office of Research Technology at the National Highway Traffic Safety Administration (NHTSA), an agency of the United States Department of Transportation. In this capacity, she manages a staff responsible for behavioral research addressing topics such as alcohol and drug impaired driving; occupant protection; speeding; pedestrian, bicycle, and motorcycle safety; and older driver safety issues. She has a long history in traffic safety and injury control, having served in research, program and policy positions. Dr. Vegega has published on a variety of traffic safety issues and participated in many interdisciplinary efforts to reduce motor vehicle crashes. In addition to her research management duties, she also represents NHTSA on several international working groups.

Diane E. Wigle

National Highway Traffic Safety Administration

Diane began her career at the U.S. Department of Transportation in 1985 writing fuel economy standards at the National Highway Traffic Safety Administration (NHTSA). Over the past 21 years she has held a variety of positions in the department including writing Federal Motor Vehicle Safety Standards, managing the motorcycle and pupil transportation safety programs, serving as departmental liaison to the United States Architectural and Transportation Barriers Compliance Board, and serving a two-year detail to the Office of the Secretary. Currently she is Chief of NHTSA's Safety Countermeasures Division responsible for the development and delivery of highway safety programs addressing motorcycle, pedestrian, bicycle, pupil transportation, and older road user safety.

Dee Williams

National Highway Traffic Safety Administration

Dee Williams is a social scientist in NHTSA's Office of Strategic and Program Planning. Her responsibilities include identifying, analyzing, evaluating and recommending strategies and solutions in developing plans and policies for motor vehicle and highway safety programs. Ms. Williams also analyzes agency fatality and injury data in performance target planning to include national safety belt and child restraint use and impaired driving fatality rates. Her areas of special interest include motorcycle safety, distracted driving, child passenger safety and emergency management. Ms. Williams holds a B.A. in Political Science from Susquehanna University in Pennsylvania. She and her husband, Chad, are members of the Blue Knights International Law Enforcement Club – a non-profit fraternal organization consisting of active and retired law enforcement men and women who enjoy riding motorcycles. This June, they will once again participate in Americade – the world's largest multi-brand motorcycle touring rally, held in upstate New York.

Sherry Williams, Ph.D.

Director, Quality Assurance and Research, Motorcycle Safety Foundation

Dr. Sherry Williams has served as Director, Quality Assurance and Research for the Motorcycle Safety Foundation since December 2002. Dr. Williams has a background in higher education, where she held university professor positions for more than 15 years, teaching undergraduate, and graduate classes in program evaluation, quality assurance and quality program training, research methods and statistical analysis, as well as training and development of organizational and interpersonal communications. She is an active member of the American Evaluation Association. She completed both her undergraduate and masters degrees at the University of Northern Iowa and received her doctorate in Organizational Communication and Research from the University of Kansas. Sherry earned her motorcycle license last summer by passing the BRC and recently became the proud owner of a teal blue Suzuki SV650.

Rémy Willinger

Strasbourg Louis Pasteur University

Since 1992 Rémy Willinger manages a research team, which has now reached a dimension of 15 persons including three permanent researcher working on impact biomechanics. The activity ranges from biological tissues identification and modelling to human body characterization followed by lumped and distributed modelling. Physical modelling, i.e. dummy development, is also part of his research. Once validated the numerical and physical models are used for theoretical and experimental accident reconstruction in order to derive tolerance limits relative to specific injury mechanisms. Human models are also coupled to protective systems in order to optimize them in respect to biomechanical criteria. Most of his work addressed the skull-CSF-brain complex. From 1999, he has extended his interest to cervical column injury investigation, which led him to initiate a new neck modelling effort. The main result of his research is the development of an improved head-finite element model and the proposal of new tolerance limits to specific head injury mechanisms.