



**Center for  
Mature Market  
EXCELLENCE®**



## TOP TECHNOLOGIES FOR MATURE DRIVERS

### Meet the Experts

The Hartford Center for Mature Market Excellence and the MIT AgeLab conducted research to better understand which technologies can improve safety and comfort for older drivers. Our research involved an extensive review of new technologies by leading experts in driving, aging and technology. These experts are practitioners and researchers with expertise in geriatric medicine, kinesiology, human factors, and occupational therapy.



**Klaus Bengler, Ph.D.**  
University Professor, Institute of Ergonomics,  
Technische Universität München

Klaus Bengler has more than 20 years of experience in studies related to the evaluation of human-machine interfaces. In cooperation with BMW, Dr. Bengler has investigated how certain technologies — such as multifunctional steering wheels, touch screens and Adaptive Cruise Control (ACC) — create additional tasks for drivers and influence their driving performance. Currently, he serves as the leader of the Institute of Ergonomics at Technische Universität München and is also active in research areas that include: driver assistance, automated driving and human reliability. Dr. Bengler graduated in psychology at the University of Regensburg and received his doctorate in cooperation with BMW.



**Anne E. Dickerson, Ph.D., OTR/L, FAOTA**  
Professor, Department of Occupational Therapy,  
East Carolina University

An occupational therapist for over 30 years, Anne Dickerson currently teaches occupational therapy and serves as the Director of ROADI - Research for the Older Adult Driver Initiative at East Carolina University. Her primary area of research is older adults, and she is a leader in the area of driving and community mobility. Dr. Dickerson has an occupational therapy degree from Temple University, a master's degree in allied health education/health administration from Texas State University, and a doctorate in developmental psychology from Florida International University. She was awarded a fellow in the American Occupational Therapy Association.



**David W. Eby, Ph.D.**  
Research Scientist and Head of Behavioral Sciences,  
University of Michigan Transportation Research Institute (UMTRI)

David Eby is a Research Professor and Head of the Behavioral Sciences Group of UMTRI where he has been working since 1993. Dr. Eby has extensive experience in the area of transportation and aging and is the Founding Director of the Michigan Center for Advancing Safe Transportation throughout the Lifespan (M-CASTL). A fellow of the Gerontological Society of America (GSA), he is the lead author of Maintaining Safe Mobility in an Aging Society. Dr. Eby holds a doctorate degree in experimental psychology from the University of California, Santa Barbara. He has also held a postdoctoral fellowship in the Department of Cognitive Sciences at the University of California, Irvine.



**Elizabeth Green, OTR/L, CDRS**  
Executive Director, The Association for Driver Rehabilitation  
Specialists (ADED)

Elizabeth (Liz) Green started in the field of occupational therapy in 1993. In 1998, she took a special interest in the field of Driver Rehabilitation and earned her certificate as a driver rehabilitation specialist (CDRS). Ms. Green currently serves as executive director of the Association for Driver Rehabilitation Specialists (ADED), an organization which helps facilitate growth in that industry while providing ADED members with the tools and resources to better serve their communities. She earned her bachelor's degree in occupational therapy from Loma Linda University.



**Richard A. Marottoli, M.D., MPH**  
Associate Professor of Medicine (Geriatrics),  
Yale University School of Medicine

Richard Marottoli is an Associate Professor of Medicine at the Yale University School of Medicine. He also serves as Medical Director of the Adler Geriatric Assessment Center at Yale-New Haven Hospital, and a staff physician at the VA Connecticut Healthcare System. His research interests include enhancing clinicians' ability to identify individuals at risk for driving difficulties, developing interventions to enhance these drivers' safety, and identifying ways to ease the transition to driving less or not at all, when that is necessary. Dr. Marottoli received his undergraduate, medical, and public health degrees from Yale University, and completed an internal medicine residency at Strong Memorial Hospital, University of Rochester, as well as a geriatrics fellowship at Yale.



**Elin Schold Davis, OTR/L, CDRS**  
Project Coordinator, Older Driver Initiative,  
American Occupational Therapy Association (AOTA)

Elin Schold Davis is the Older Driver Initiative Project Coordinator for the American Occupational Therapy Association (AOTA). Through these projects, the AOTA Older Driver Initiative has helped build awareness of occupational therapy's role in senior safe mobility, and increased the capacity of occupational therapy programs to address driving as an instrumental activity of daily living. Ms. Schold Davis is also AOTA's national liaison/instructor for CarFit, a program that offers older adults the opportunity to check how well their personal vehicles "fit" them to increase safety. She earned her bachelor's degree in occupational therapy from the University of Minnesota and became a certified driver rehabilitation specialist through the Association for Driver Rehabilitation Specialists (ADED).



**Normand Teasdale, Ph.D.**  
Professor, Department of Social and Preventive Medicine,  
Faculty of Medicine, Laval University

Normand Teasdale is currently a professor in kinesiology at the Faculty of Medicine at Laval University (Québec, Canada) and has more than 25 years of experience in the science of human movement. He has published extensively on the subject of how aging modifies the control of movement and, in particular, how it affects driving. Dr. Teasdale received a doctorate in Kinesiology from UCLA in 1987.

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