



Overcoming the Dangers of DROWSY DRIVING

National Transportation Safety Board Forum

October 21, 2014

www.nts.gov/drowsydriving

Agenda

Opening Remarks: **Member Mark R. Rosekind, PhD** (8:30 AM–8:40 AM)

PANEL 1: INTRODUCTION AND SCOPE OF THE PROBLEM (8:40 AM–9:40 AM)

This session will review definitions of drowsy driving, the varying etiologies of fatigue/drowsiness, and fatigue's known effects on performance. It will also present recent research on the prevalence and impact of drowsy driving on traffic crashes and fatalities.

Panelists:

David Dinges, PhD, University of Pennsylvania

Brian Tefft, AAA Foundation

PANEL 2: WORKPLACE ISSUES (9:45 AM–11:00 AM)

This session will look at how workplace policies and practices can affect the safety of employees who commute or those who drive as part of their work assignment.

Panelists:

Stephanie Pratt, PhD, National Institute for Occupational Safety and Health

David Flower, MD, FRCP, FFOM, FACOEM, BP International

John Violanti, PhD, University at Buffalo, SUNY

MORNING BREAK (11:00 AM–11:15 AM)

PANEL 3: CONCERNS FOR NOVICE DRIVERS (11:15 AM–12:15 PM)

This session will address risks associated with young drivers, a high-risk group for drowsy driving crashes. Topics will include educating youth about sleep needs, educating novice drivers, graduated licensing with nighttime restrictions, community-based programs, and drowsy driver awareness messages.

Panelists:

Mary Carskadon, PhD, Bradley Hospital

Nathaniel F. Watson, MD, MSc, University of Washington

LUNCH (12:15 PM–1:15 PM)

PANEL 4: HEALTH ISSUES (1:15 PM–2:30 PM)

This session will address health-related risk factors associated with drowsy driving and countermeasures that could mitigate risk due to those factors. The primary focus of the session will be sleep disorders and use of medications associated with sleepiness.

Panelists:

Maurice Ohayon, MD, DSc, PhD, Stanford University

Indira Gurubhagavatula, MD, MPH, University of Pennsylvania

Ronald Farkas, MD, PhD, Food and Drug Administration

PANEL 5: IN-VEHICLE AND ROADWAY FACTORS (2:35 PM–3:35 PM)

This session will provide an overview of in-vehicle technologies—currently available or under development—designed to mitigate drowsy driving and drowsy driving-related crashes. It will also consider the efficacy and user acceptance of in-vehicle systems, as well as roadway factors.

Panelists:

Frank Sgambati, Bosch

Chris Monk, PhD, National Highway Traffic Safety Administration

Peter Savolainen, PhD, PE, Iowa State University

AFTERNOON BREAK (3:35 PM–3:45 PM)

PANEL 6: CONSIDERATION OF COUNTERMEASURES AND FUTURE DIRECTIONS (3:45 PM–4:55 PM)

The final session will review various countermeasures that could lead to a reduction in drowsy driving crashes. Leaders from the fatigue and traffic safety community will discuss the needed next steps to reduce the incidence of noncommercial drowsy driving crashes.

Panelists:

Charles A. Czeisler, PhD, MD, FRCP, Harvard Medical School

Jacob Nelson, MPH, MPP, AAA National Office

Allan I. Pack, M.B.Ch.B., PhD, University of Pennsylvania

Stephen M. Popkin, PhD, Volpe, The National Transportation Systems Center

Closing Remarks, **Member Mark R. Rosekind, PhD** (4:55 PM–5:00 PM)

