

TRB EMS Subcommittee ANB10(5)

EMS Safety Summit 2012 Safety Systems, Strategies and Solutions

Information and Technology Transfer

Nadine Levick MD, MPH

Chair ANB10(5)

CEO, Research Director EMS Safety Foundation

February 29th, 2012



Information and Technology Transfer

- New Tools
- New Collaborations
- New Platforms
- New Events
- New Organizations
- Webinar, Podcasts, Blogs, Skype and Twitter



National Academies Transportation Research Board's (TRB) EMS Safety Subcommittee ANB10(5)



What is ANB 10 (5)?

- ▶ Emergency Medical Services Safety Subcommittee, ANB 10 (5)
 - Subcommittee of the Transportation Safety Management Committee ANB 10, of the Transportation Research Board of the National Academies



EMS Safety Subcommittee ANB10(5)

- Subcommittee supported by Transportation Safety Management ANB10
- Established July 2007
- First Subcommittee meeting – Jan 2008
- Chair, Nadine Levick MD, MPH
- Co-Chair, Eileen Frazer, RN
- Scope – Medical Transport Safety



Special role for EMS at TRB

- One of the Key 4 E's
 - Engineering
 - Education
 - Enforcement
 - **Emergency Medical Services**



TRANSPORTATION RESEARCH BOARD
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Emergency Medical Services Safety Subcommittee AMR (EMS)
of the Transportation Research Board
Reported to the Transportation Safety Board (NTSB) on 12/11/11
Monday January 23rd, 2012 from 10:15 AM - 1:00 PM EST
1200 Constitution Avenue, N.W., Washington, DC 20004
For additional copies, see <http://www.trb.org/Research/Reports/Papers/Papers.aspx>

AMR/EMS

1. Introduction	3 min
2. Subcommittee work program update	20 min
a. Research Team Safety Science (RTS)	
b. Research Team Operations - Research Team Operations	
c. Research Team Operations - Research Team Operations	
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3. Recent literature	10 min
a. EMS research - Fire Rescue	
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4. Other business	3 min
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5. Safety Innovation Presentations - Continued at 11:00 AM EST	40 min
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c. Safety Innovation Presentations - Continued at 11:00 AM EST	
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z. Safety Innovation Presentations - Continued at 11:00 AM EST	
6. Adjourn	

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Submit Query Clear

Search Fields: Search Term:

Keywords (OR, Description or Index Term)

Contains: Submit

Subject Category: All Categories:

Submit Query Clear

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RITA ITS
www.its.dot.gov

RITA U.S. Department of Transportation
Research and Innovative Technology Administration

Intelligent Transportation Systems
Joint Program Office

Imagine that
Smart and secure systems
will make your commute, driving
through traffic, easier and safer
than ever before.

Shelley Y. Kim, Ph.D., P.E., PMP
Director
ITS Joint Program Office
Research
Innovation
Leadership

Public Meetings

SAFETYPILOT

DHS/NIST/NIOSH

Site News Details

DHS and NIST sponsoring an Ambulance Patient Compartment Safety Survey

November 23, 2011

EMS practitioners riding in the back of ambulances are at high risk of suffering injuries during a crash or crash avoidance maneuver when not using restraints. However, using restraints remains difficult to access and most patients while en route to the hospital. Achieving a balance between practitioner safety and patient care is a significant challenge for the EMS community.

To address this challenge, the Department of Homeland Security (DHS) Human Factors and Behavioral Sciences Division (HFSD) and the First Responders Resource Group (FRRG) has partnered with the National Institute of Standards and Technology (NIST) and the National Institute of Occupational Safety and Health (NIOSH) to develop design guidance for ambulance patient compartments that address crashworthiness, EMS practitioner safety, and performance, and patient safety. The guidance will provide crucial information for EMS organizations and ambulance manufacturers to design safe patient compartments that can help EMS practitioners optimize their ability to perform patient care. The guidance will be incorporated into current and emerging ambulance design standards such as NFPA 1917.

Please provide your input by completing an anonymous web survey. This survey is extremely important so that a wide cross-section of EMTs and paramedics can have their say in the development of the design guidelines. This survey will be available from November 23 through December 23, 2011. Please encourage all your colleagues to take the survey as well.

If you have any questions or would like to participate further, please contact Darren Wilson at darren.wilson@dhs.gov or Jennifer Marshall at jennifer.marshall@nist.gov.

TIM
<http://timnetwork.org>

the tim network

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November 13, 2011

About TIM

NTIC Stress Fund

Photos

Calendar

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Traffic Incident Management Network

- Planned and coordinated multi-disciplinary process to detect, respond to, and clear traffic incidents so that traffic flow may be restored as safely and quickly as possible. Effective TIM reduces the duration and impacts of traffic incidents and improves the safety of motorists, crash victims and emergency responders.
 - Emergency Medical Services
 - Fire and Rescue
 - Law Enforcement
 - Towing and Recovery
 - Transportation
 - Medial Examiners/Coroners
 - Metropolitan Planning Organizations
 - Public Emergency Access Points (911 centers)

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The TIM Network

- Gathering of practitioners from all locations and all TIM disciplines to collaborate, communicate, coordinate, and cooperate
- Nearly 1,000 members from all disciplines
- Free membership
- Controlled communications
- Monthly newsletter
- Monthly webinars
- Online membership directory



Traffic Records Forum



- Home
- 2012 Forum
- Best Practices
- TR Forums
- Membership
- Executive Board
- ATSIP Documents
- Links
- Members Only
- Membership Application

WELCOME TO ATSIP

A Professional Association of Transportation Safety Data Professionals...
Welcome to the home page for the Association of Transportation Safety Information Professionals. The Association of Transportation Safety Information Professionals has migrated from a web committee under the National Safety Council to a stand alone professional association in 2009. It exists to further the development and sharing of traffic records system procedures, tools, and professionalization. Membership is open to any professional working within the areas of traffic safety data collection, management, and analysis.

Invitation to Comment on NHTSA Traffic Records Program Advisory

The National Highway Traffic Safety Administration (NHTSA) is currently revising the Traffic Records Highway Safety Program Advisory. ATSIP is inviting traffic records professionals to contribute to the review. To participate, you must register by Friday December 2, 2011. The documents below provide detailed information:

- ATSIP Invitation to Comment - (pdf, 8/20/11) (pdf, 4/16/11)
- Guidance for Commenting on the Advisory - (pdf, 1/16/11)
- Advisory Drafts (Final Draft) - (pdf, 1/16/11)
- Fact Sheet for the New Traffic Records Assessment Process - (pdf, 1/17/11)

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American Society for Safety Engineers

Occupational Risk Assessment Virtual Symposium and Workshop

THE #1 SOURCE OF PROFESSIONAL DEVELOPMENT FOR EVERY SAFETY, HEALTH AND ENVIRONMENTAL PROFESSIONAL

As the pulse of the industry, the American Society of Safety Engineers is your source for the knowledge, skills, continuing education units (CEUs) and networking in the important and emerging issues in the safety, health and environmental (SHE) professions. For more than 100 years, ASSE has a long-standing reputation of delivering high-level, top quality SHE education and training that you can utilize immediately.

Interdisciplinary Innovation Consortium

EMSSafety
FOUNDATION
Innovation, Collaboration & Knowledge Transfer

www.EMSSafetyFoundation.org

EMS Safety Foundation Vehicle & Ergonomics Workshops, classroom and hands on



Ergonomic Challenges



Automotive technical input



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High Tech Interactive Innovation Center - Ferno



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Interdisciplinary and International Collaboration/Integration



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RETTmobil 2011 – May 11-13th

RETTmobil 2011
Messe Gdeler Fulda, May 11th-13th
Europe's Leading Exhibition for Rescue and Mobility

The 10th RETTmobil - The Continuation of a Success

10th RETTmobil in Fulda, the European leading exhibition for rescue and mobility, has just closed its doors. Fulda, the location of the exhibition, was chosen for its excellent location, its high level of infrastructure and its excellent facilities for the exhibition. The exhibition was held in a modern and spacious exhibition hall, which provided the perfect environment for the exhibition. The exhibition was held in a modern and spacious exhibition hall, which provided the perfect environment for the exhibition.

The 10th RETTmobil has again fulfilled the expectations. "We are absolutely satisfied with the positive acknowledgements", summarized Chairman Manfred Hommel of the Community of Manufacturers of Ambulances and Emergency Vehicles (RRE). "90 percent of the exhibitors are extremely satisfied with the fair and the business development," said Hommel. He is also happy about the communication with representatives and personnel from aid organizations, fire departments, army and THW. "The RETTmobil is the outstanding platform for everyone involved in emergency services." Hommel himself was a participant in a video-conference of the EMS Safety Foundation, for which a delegation from the U.S. had come to RETTmobil in order to discuss the issue of safety and compare the quality of European and American technical standards with participants from all over the world via the Internet. The recorded video-stream is available to all registered users at: <http://www.EMS-SafetyFoundation.org>



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RETTmobil is -

- A major European Emergency Rescue Congress, Trade show and Symposium
- Held in Fulda, Germany
- Established in 2001
- Attended by ~ 20,000 attendees
- Brainchild of Prof Peter Sefrin



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Interdisciplinary and International Collaboration/Integration

Swedish industrial designer
meets
North American Ambulance
builder



the result of the frequency analysis, green dots mark equipment used every time the ambulance is driven, orange



Summary

- Collaboration
 - Interdisciplinary
 - Interagency
 - International