

## SafeTREC at Transportation Research Board 2017

SafeTREC students, faculty, and researchers are participating in the following events at the 2017 Annual Meeting of the Transportation Research Board, January 8-12 in Washington, D.C.

### Sunday, January 8, 2017

WORKSHOP 136

9:00 AM - 12:00 PM | Convention Center, 101

#### **Performance Measures and Targets Across the Pillars of the Decade of Action for Road Safety**

Presiding: Offer Grembek, University of California, Berkeley, SafeTREC, and Kim Kolody Silverman, CH2M Hill

### Monday, January 9, 2017

SESSION 207

8:00 AM - 09:45 AM | Convention Center, Hall E | Presentation: 17-05467

#### **"Algorithms for Using In-Pavement Sensors to Monitor Multimodal Safety at Signalized Intersections"**

Aditya Medury, Mengqiao Yu, Offer Grembek, University of California, Berkeley, SafeTREC

SESSION 397

1:30PM-3:15PM | Convention Center, Salon B | Presentation: 17-05511

#### **"Developing a Web-Based Tool to Track Highway Safety Planning Progress in California"**

Katherine L. Chen, Sang Hyouk Oum, Jill F. Cooper, University of California, Berkeley, SafeTREC

3:45 PM- 5:30 PM | Marriott Marquis, Marquis Ballroom Salon 8 (M2)

#### **Global Road Safety Subcommittee, ANB10(8)**

Presiding: Offer Grembek, University of California, Berkeley, SafeTREC, and Kim Kolody Silverman, CH2M Hill

6:00 PM- 7:30 PM | Marriott Marquis, Liberty K (M4)

Tribal Safety Issues Subcommittee, ABE80(1)

#### **California Tribal Road Safety Data Project**

David R. Ragland, University of California, Berkeley, SafeTREC

### Tuesday, January 10, 2017

SESSION 499

8:00AM - 9:45AM | Convention Center, Hall E | Presentation: 17-03272

#### **"Smart Security? Evaluating Security Resiliency in the United States Department of Transportation's Smart City Challenge"**

Kate Beck, University of California, Berkeley, SafeTREC

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Share your experiences at the TRB Annual Meeting on Twitter #TRBAM and follow SafeTREC accounts of the meeting @UCBSafeTREC.

SafeTREC is a University of California, Berkeley, research center affiliated with the Institute of Transportation Studies and the School of Public Health.

SafeTREC conducts research, provides graduate-level courses, coordinates major transportation safety programs for the State of California, and conducts technical assistance.

Our mission is to reduce transportation-related injuries and fatalities through research, education, outreach, and community service.

*Funding for this program is provided by a grant from the California Office of Traffic Safety, through the National Highway Traffic Safety Administration.*

## SafeTREC at Transportation Research Board 2017

### Tuesday, January 10, 2017 (continued)

SESSION 589

10:15 AM- 12:00 PM. | Convention Center, Hall E | Presentation: 17-06687

#### **“Developing Safety Heatmap of Uncontrolled Intersections Using Both Conflict Probability and Severity”**

Yingying Ma, Offer Grembek, University of California, Berkeley, SafeTREC; Xiaoran Qin and Zhiwei Chen, South China University of Technology

SESSION 592

10:15 AM- 12:00 PM. | Convention Center, 102B | Presentation: 17-05283

#### **“Examining Nuance in Bicyclist Comfort: Comparison Between Common Performance Measures and User Experience Survey”**

Julia Griswold, Victoria Kendrick, Offer Grembek, University of California, Berkeley, SafeTREC

SESSION 688

3:45 PM - 5:30 PM | Convention Center, 150B | Presentation: 17-05799

#### **“Understanding When Price Can Affect Choice of Public Bicycle: Stated-Preference Survey and Analysis of Public Bicycle Service in Guangzhou, China”**

Yingying Ma, Yuanyuan Zhang, University of California, Berkeley, SafeTREC

SESSION 740

3:45 PM - 5:30 PM | Convention Center, 102B | Presentation: 17-21697

#### **“Using Public Health Principles in the Highway Safety Profession”**

Jill F. Cooper, University of California, Berkeley, SafeTREC

(Part of *The Changing Highway Safety Environment: What the Transportation Workforce Needs to Know*. Moderator: Rhonda Craft, California Office of Traffic Safety)

### Wednesday, January 11, 2017

10:15 AM-12:00 PM | Marriott Marquis, Marquis Ballroom Salon 8 (M2) | Presentation: 17-06391

Pedestrian Research Subcommittee, ANF10(1)

#### **“A National Research Agenda for Bicycle and Pedestrian Safety”**

Offer Grembek, University of California, Berkeley, SafeTREC; Bruce Appleyard, San Diego State University; Sherry Ryan, San Diego State University; Robert Schneider, University of Wisconsin, Milwaukee; Christopher Cherry and Shashi Nambisan, University of Tennessee, Knoxville; William Riggs, California Polytechnic State University

SESSION 849

10:15AM - 12:00 PM | Convention Center, Salon B | Presentation: 17-05404

#### **“Investigating the Underreporting of Pedestrian and Bicycle Crashes in and Around University Campuses: Crowdsourcing Approach”**

Aditya Medury, Offer Grembek, University of California, Berkeley, SafeTREC; Anastasia Loukaitou-Sideris, University of California, Los Angeles; Kevan Shafizadeh, California State