

ABG20 Committee Meeting at TRB 2009

ABG20 - Transportation Education and Training Committee

Tuesday, January 13, 2009, 1:30 PM - 3:15 PM, Hilton, Map

Gregory P. Benz and Chandra R. Bhat, presiding

Sessions Sponsored or Co-Sponsored by ABG20 Committee at TRB 2009

Poster Session 330

How to Get People Interested in Transportation

Monday, January 12, 2009, 2:30 PM - 5:00 PM, Hilton, International Center

Emily Parkany and Charlene Wilder, presiding

Sponsored by: Transportation Education and Training Committee (ABG20)

Technology Transfer Committee (ABG30)

Transportation Workforce Development: Attracting High School and Community College Students to Careers in the Transportation Field (09-3466)

Ramalingam Radhakrishnan, Prairie View A&M University

Recruiting for the Transportation Workforce of Tomorrow: Middle School and High School Enrichment Programs That Work (09-3211)

Deborah Rosen, University of Rhode Island

How an Online Magazine Gets People Interested in Transportation (09-3066)

Michele Regenold, Center for Transportation Research and Education

How to Get People Interested in Public Transportation Careers (09-2533)

Amber Reep, University of South Florida

Joel M. Volinski, University of South Florida

Stephanie Lynn Zavacki, University of South Florida

Railroad Engineering Club Involves Students and the Community (09-1264)

Shane M. Ferrell, Michigan Technological University

The 2008 Transportation Design Challenge for Connecticut High School and Middle School Students (09-1099)

James Moffett, Connecticut Department of Transportation

Attracting Talented Staff: San Francisco's Transportation Engineering Internship Program (09-0854)

Bond M. Yee, San Francisco Municipal Transportation Agency

Gerald Robbins, San Francisco Municipal Transportation Agency

Jack Lucero Fleck, San Francisco Municipal Transportation Agency

TIMED to Explore Engineering (09-0136)

Troy James Gros, Louisiana TIMED Managers

Session 434

Innovations in Security and Safety Training for the 21st Century

Tuesday, January 13, 2009, 8:00 AM - 9:45 AM, Shoreham, Congressional

Yuko J. Nakanishi, presiding

Sponsored by: Critical Transportation Infrastructure Protection Committee (ABE40)

Transportation Education and Training Committee (ABG20)

Striking the Balance: Security Countermeasures Versus Industry Necessity (P09-0047)

Andrew Thomas, University of Akron

Department of Homeland Security Experiential Training Pilot Study (P09-0048)

Scott Meyers, Balfour Technologies

Three-Dimensional Visualization: Real-Life Training Applications (P09-0049)

Linda Yu, Synthosys

Weapons of Mass Destruction Training Facilities (P09-0050)

Cortez Lawrence, Federal Emergency Management Administration

Session 659

Attracting Talent to Transportation

Wednesday, January 14, 2009, 8:00 AM - 9:45 AM, Hilton, Thoroughbred

Gregory P. Benz, presiding

Sponsored by: Transportation Education and Training Committee (ABG20)

People Are Interested in Transportation-Related Careers--They Just Don't Realize It (09-2575)

Andrea Underhill, University of Alabama, Birmingham

Despina Stavrinou, University of Alabama, Birmingham

Summer Transportation Institutes: Increasing Diversity Through Partnerships (09-1904)

Karen Glitman, University of Vermont

Activities to Enhance Civil Engineering Recruitment and Coordination with Industry (09-0078)

Bryan John Hubbard, Purdue University

Sarah Marie Lillo Hubbard, Hubbard Engineering Innovations LLC

Transportation Planning Education in the US: Literature, Course Survey, and Findings (09-2171)

Jiangping Zhou, University of Southern California

Lisa A. Schweitzer, University of Southern California

Session 707

Encouraging Interactive Learning in Transportation

Wednesday, January 14, 2009, 10:15 AM - 12:00 PM, Hilton, Thoroughbred

Chandra R. Bhat, presiding

Sponsored by: Transportation Education and Training Committee (ABG20)

Web-Based Game to Improve Learning of Driver Behavior and Control at Signalized Intersections (09-2266)

Yatish Kasaraneni, Virginia Polytechnic Institute and State University

Montasir M. Abbas, Virginia Tech

Lisa McNair, Virginia Tech

Integrating Active Learning with Simulation: Development and Testing of a New Approach to Learning Signal Timing (09-1286)

Ahmed Abdel-Rahim, University of Idaho

Michael Kyte, University of Idaho

Enas Amin, University of Idaho

Michael P. Dixon, University of Idaho

Getting from A to B: Using an Interactive Display to Demonstrate Transportation Planning and Design Issues (09-0054)

Glen Koorey, University of Canterbury, New Zealand

Engaging Undergraduate Students in Transportation Studies Through Simulating Transportation for Realistic Engineering Education and Training (09-1134)

Chen-Fu Liao, University of Minnesota, Twin Cities

Henry X. Liu, University of Minnesota, Twin Cities

David Matthew Levinson, University of Minnesota, Twin Cities

Workshop 788

Building the 21st Century Workforce

Thursday, January 15, 2009, 8:00 AM - 12:00 PM, Hilton, Georgetown East

Gregory P. Benz and Chandra R. Bhat, presiding

Sponsored by: Transportation Education and Training Committee (ABG20)

Management and Productivity Committee (ABC20)

Maintenance and Operations Personnel Committee (AHD15)

Policy and Organization Group (AB000)

The workshop builds on similar workshops at the 2007 and 2008 Annual Meetings. It will also serve as a forum for discussing emerging workforce concerns and challenges and as a venue for identifying a prioritized action agenda in the area of transportation workforce development for 2009 and beyond.

AGENDA

- 8:30AM** **Welcome and Purpose of Workshop**
Gregory P. Benz, Parsons Brinckerhoff, Inc.
- 8:35am** **Creating the Community for Building the 21st Century Workforce: Review of Issues and Past Activities**
Wesley S. C. Lum, California Department of Transportation
Barbara Martin, BGM Associates
- 9:00AM** **Report on Meeting Sessions and Activities**
Aliyah N. Horton, Institute of Transportation Engineers
- Session Reports**
- Attracting Talent to Transportation**
Gregory P. Benz, Parsons Brinckerhoff, Inc.
- Encouraging Interactive Learning in Transportation**
Chandra R. Bhat, University of Texas, Austin
- How to Get People Interested in Transportation**
Emily Parkany, Noblis, Inc.; Charlene Wilder, Federal Transit Administration
- What Others Are Doing?**
- FHWA Transportation Education Development Pilot Program Grants**
Clark Martin, Federal Highway Administration
- CUTC Workforce Development Summit Programs**
Clark Martin, Federal Highway Administration/Program Representatives
- 10:30AM** **Priorities for Next Year and Beyond**
Gregory P. Benz, Parsons Brinckerhoff, Inc.
Chandra R. Bhat, University of Texas, Austin
- 11:45AM** **Adjourn**