Traffic Bowl

- $2000 travel expenses awarded to winners for the International Annual Meeting in Anaheim CA, August 2016.
- Hotel costs at UMass covered for participating students.
- Register your team by emailing Mike Knodler at mknodler@umass.edu.
- Rules for the Jeopardy style competition are available upon request.

Registration Details

Register online at: http://goo.gl/forms/z4DWmnQjK9

Event Costs

- Professionals ~ $60
- Students ~ $15
- Corporate Sponsors ~ $250
  (includes 1 registration)

Includes lunch, tech sessions, refreshments, dinner, and breakfast the following morning.

Agenda

Celebration of John Collura’s Contributions to the Field of Transportation
7 PDH Credits Available

Thursday

11:30-12:00 – Registration & Box Lunch
12:00-1:20 – Technical Session I
1:30-2:50 – Technical Session II
3:00-3:30 – Afternoon Plenary
3:40-5:00 - Technical Session III
5:00-6:00 – Collegiate Traffic Bowl & Social Hour
6:00-8:00 – Awards Dinner & UMass Boyer Lecture

Awards:
  Jane F. Garvey/UMass ITE Transportation Leadership Award
  UMass ITE Student Service Award
  UMass ITE Distinguished Alumni Award

9:00 – Social Event

Friday

8:00-8:30 – Breakfast
8:30 – 9:50 – Technical Session IV

Travel & Accommodations

Directions and Parking
Please use the following link for reaching the Mullins Center: http://www.mullinscenter.com/plan-your-visit/directions-parking
Take elevator to Floor 3 for the Massachusetts Room.

Hotel
Accommodations are available on campus at Hotel UMass (www.hotelumass.com). Please use code group code ‘NEI16C’ to secure a discounted room at $130. Students traveling can obtain a shared hotel room at no-cost by contacting Mike Knodler (mknodler@umass.edu). Parking for Hotel UMass is in the Campus Center Parking Garage.
17th ANNUAL TECHNICAL DAY
Thursday, March 24-25, 2016 • Mullins Center, Amherst MA

Technical Sessions

Thursday Afternoon – Massachusetts Room, Mullins Center

12:00-1:20  Technical Session I: Trends in Public Transportation
• "Shifting regulatory frameworks for public transit: The impact of technology and what we can learn from the global south"
  • Laurel Paget-Seekins, Director of Strategic Initiatives, Massachusetts Bay Transportation Authority
• "Today’s Technologies in Public Transportation"
  • Al Byam, Former Director of UMass Transportation Services
• "The Future of Preferential Treatment at Signalized Intersections: Reducing Limits and Increasing Mobility"
  • Chuck Louisell, Chief Data Scientist, Sparksfly Technologies

1:30-2:50  Technical Session II: Transportation in the Workforce
• “What Your Teacher May Not Tell You About TDM Work”
  • Rana AL-Jammal, Senior Planner Specialist • Transportation, Pioneer Valley Planning Commission
• "Improving Municipal Infrastructure Through a Consulting Firm Model in Capstone”
  • Dan Dulaski, Associate Teaching Professor, Northeastern University
• "Public Private Partnerships as a Delivery Model for Transportation"
  • Anatoly Darov, Burns & Levinson LLP

3:00-3:30  Afternoon Plenary: “High-Speed Rail in the U.S.: Opportunities and Barriers”
• Dr. Joseph M. Sussman, Massachusetts Institute of Technology

3:40-5:00  Technical Session III: Next Generation Air Transportation
• "Weather-Aware Superfast-Time Simulation Model for a National Airspace System: Requirements and Applications”
  • Kleoniki Vlachou, Senior System Analyst, AvMet Applications Inc.
• “Integration of UAS in the National Airspace”
  • Michael Plotnikov, Post-doc, University of Massachusetts Amherst
• "Applications for Drones in Civil Engineering”
  • John Diaz, Vice President/Director of Traffic Engineering, Greenman-Pedersen, Inc.
  • David Price, CFI Pilot in Charge of Survey and Mapping, Greenman-Pedersen, Inc.

Friday Morning – Kellogg Room, Engineering Laboratory II

8:30 – 9:50  Technical Session IV: Critical Issues in Transportation
• “Transportation and Energy Interdependencies: Implications for Transportation Finance and Investment Planning”
  • Nadia Gritza, Associate Professor, Purdue University
• “Connected Vehicle Basics”
  • Andy Berthaume, US DOT Volpe National Transportation Systems Center
• ”Transportation Infrastructure’s Role in Promoting Resilience in an Interconnected World”
  • Kevin Heaslip, Associate Professor, Virginia Tech

Plenary Speaker

Dr. Joseph Sussman
Massachusetts Institute of Technology

Dinner Keynote Speaker

Dr. John Collura
UMASS AMHERST