

“Thank you for a wonderful event. There's so much good information here, and I learned a lot.”

Attendee Feedback

Summit Recap

125 attendees from government, community, industry and universities came together for The Second Annual National Mobility Summit. This included 10 university transportation centers representing 50+ Colleges and Universities across the US.

Mobility21

A USDOT NATIONAL
UNIVERSITY TRANSPORTATION CENTER

The Second Annual National Mobility Summit of US Department of Transportation University Transportation Centers

*Exploring the Research Frontier
for 21st Century Mobility*

April 11, 2019

Carnegie Mellon University



THE OHIO STATE UNIVERSITY

CCAC

Photo [Left to Right]:

Dr. Kevin Womack, Director, USDOT Office of Research, Development & Technology, & the Transportation Safety Institute

Allanté Whitmore, Mobility21 Diversity Fellow & CMU Ph.D. Candidate for Civil and Environmental Engineering

Diana Furchtgott-Roth, Deputy Assistant Secretary for Research and Technology, U.S. Department of Transportation

Raj Rajkumar, Director, Mobility21 National UTC, Carnegie Mellon University





The population continues to grow, and infrastructure enhancements are not keeping pace. Hence, our roads are becoming more congested, causing longer transportation delays, higher pollution, wasted fuel, and bigger aggravation. Given this context, mobility-focused UTCs are uniquely positioned to re-think, re-work and re-invent solutions to our mobility challenges — and prepare for a transportation system unlike anything that we have seen before. By leveraging computing and communication technologies in the public infrastructure, in the vehicles, and in the devices we carry, we can dramatically improve mobility and services, leading to the efficient and safe movement of people and goods across the country.



This summit brings together industry, community, workforce, government and academic thought leaders from around the nation to explore *'Improving the Mobility of People and Goods for All Communities.'* The summit provides the opportunity for discussions about the real-world transportation challenges, technological innovations, policy approaches, successful deployments, workforce training needs and lessons learned.

We were delighted to have Diana Furchtgott-Roth, Deputy Assistant Secretary for Research and Technology, USDOT as our keynote speaker. We were pleased to have Dr. Kevin Womack, Director, USDOT Office of Research, Development & Technology and the Transportation Safety Institute provide opening remarks. We also enjoyed hearing from the panelists affiliated with USDOT, the private sector and non-profit organizations.



We had ten USDOT UTCs represented, who shared their research, workforce initiatives, technology transfer/commercialization activities, partnership opportunities and impact on mobility.

Raj Rajkumar

Director, Mobility21 National UTC on Mobility

Today's Agenda

Registration and Networking Breakfast

Welcome, Introductions, & Overview of the Day

Raj Rajkumar, Director, Mobility21 National UTC, Carnegie Mellon University

Remarks from the UTC Program

Dr. Kevin Womack, Director, USDOT Office of Research, Development & Technology, & the Transportation Safety Institute

Mobility-Themed UTC Lightning Round 1: *Brief Updates on Research, Education & Technology Transfer Efforts from Participating UTCs*

Moderator, **Chris Hendrickson**, Director, Traffic21 Institute, Carnegie Mellon University

- **Wei Fan**, Director, Center for Advanced Multimodal Mobility Solutions and Education, University of North Carolina at Charlotte
- **Hau Hagedorn**, Associate Director, Transportation Research and Education Center, Portland State University
- **David Kack**, Mobility Director, Small Urban, Rural and Tribal Center on Mobility, Montana State University
- **Cole Kopca**, Assistant Director, PacTrans, University of Washington
- **Hilary Nixon**, Deputy Executive Director, Mineta Transportation Institute, San Jose State University

Break

Expert Panel 1: *Opportunities and Challenges to Improve the Mobility of People*

Moderator, **Stan Caldwell**, Executive Director, Mobility21 National UTC, Carnegie Mellon University

- **Robin Chase**, Co-founder Zipcar, Veniam, and NUMO
- **Brian Cronin**, Director, FHWA Office of Operations Research & Development
- **Jane Lappin**, Director, Public Policy & Government Affairs, Toyota Research Institute
- **Paul Skoutelas**, President and CEO, American Public Transportation Association

"It was great seeing people from many different disciplines, each that touches transportation, present. I'm thinking specifically about the fact that there was someone there from a hospital, Easter Seals, and a community college. The diversity of participants is top notch."

Attendee Feedback

Lunch and Keynote Speaker

Diana Furchtgott-Roth, Deputy Assistant Secretary for Research and Technology, U.S. Department of Transportation

Mobility-Themed UTC Lightning Round 2: *Brief Updates on Research, Education & Technology Transfer Efforts from Participating UTCs*

Moderator, **Lisa Kay Schweyer**, Program Manager, Mobility21 National UTC, Carnegie Mellon University

- **Raj Rajkumar**, Director, Mobility21, Carnegie Mellon University
- **Andrew Farkas**, Director, Urban Mobility & Equity Center, Morgan State University
- **Jill Hough**, Program Director & Associate Professor of Transportation, North Dakota State University
- **Evangelos Kaisar**, Professor, Freight Mobility research Institute (FMRI), Florida Atlantic University
- **Kaan Ozbay**, Director, C2 Smart, New York University

Expert Panel 2: *Opportunities and Challenges to Improve the Mobility of Goods*

Moderator, **Loren A. Smith, Jr.**, Senior Advisor for Policy and Program Operations in the Office of Transportation Policy, U.S. Department of Transportation

- **Bob Bourg**, Vice President, Strategy & Growth, Wabtec
- **Steve Boyd**, Co-Founder, VP of External Affairs & Market Development, Peloton Technology
- **Rebecca Brewster**, President and Chief Operating Officer, the American Transportation Research Institute
- **Caitlin Hughes**, Director, FHWA Office of Freight Management and Operations

Networking Reception and UTC Poster/Demo Session
10 UTCs Representing 50+ Colleges and Universities across the US



2019 – Organizations Represented

AARP Public Policy Institute
American Public Transportation Association
American Traffic Safety Services Association
American Transportation Research Institute
ArtCenter College of Design (Pasadena, CA)
Association for Commuter Transportation
Association of American Railroads
Best Best & Krieger
Bose Public Affairs Group
Carnegie Mellon University
Comet Mobility, LLC
Community College of Allegheny County
Community Transportation Association of America
Department of Energy
District Department of Transportation
Easterseals
Federal City Council
Federal Highway Administration
Federal Transit Administration
Florida Atlantic University
George Mason University
Georgetown University
Grant Thornton
Greater Washington Partnership
Hillman Family Foundations
ICF
Institute of Transportation Engineers
Intelligent Transportation Society of America
Maryland Transportation Builders & Materials Association
Mineta Transportation Institute, San Jose State University
Mobility Lab
Montgomery College
Morgan State University
National Aging and Disability Transportation Center
National Assoc. of Area Agencies on Aging
National Association of Regional Councils
National Association of Workforce Boards
National Center for Mobility Management
National Governors Association
National League of Cities
National Transportation Library, USDOT
NC A&T SU Transportation Institute
New York University
NHTSA Office of Emergency Medical Services
North Dakota State University
NUMO
O'Hare Infrastructure Strategies LLC
Owner-Operator Independent Drivers Association Foundation Inc.
PacTrans - University of Washington
Peloton Technology
Portland State University
Qualcomm Technologies, Inc.
RETRC
Senate Commerce
Small Urban, Rural & Tribal Center on Mobility
The Children's Hospital of Philadelphia
The Ohio State University
The University of North Carolina at Charlotte
Toyota Research Institute
Transportation Research Board
Transurban
U.S. Department of Energy
U.S. Department of Transportation
Union of Concerned Scientists
University of the District of Columbia
US Postal Service
Venable LLP
Veniam
Wabtec
Wayne State University
Woodruff Company Engineered Solutions
WTS International
Zipcar

Save the Date

**The Third Annual
National Mobility Summit
of
US Department of
Transportation
University Transportation
Centers**

**April 2, 2020
Washington, DC**