



CUTC AWARD RECIPIENTS

The following is a listing of CUTC award recipients.

Lifetime Achievement in Transportation Research & Education Award

- 2014** Robert Skinner, Jr., Transportation Research Board
- 2013** Rod Diridon, Sr., Mineta National Transit Research Consortium and the Mineta Transportation Institute
- 2012** John Horsley, American Association of State Highway and Transportation Officials (AASHTO)
- 2011** William W. Millar, American Public Transportation Association
- 2009** Congressman Nick J. Rahall, II
- 2008** Senator Barbara Boxer

CUTC Award for Distinguished Contribution to University Transportation Education and Research

- 2014** Dr. Neville Parker, The City University of New York-Institute for Transportation Systems
- 2013** Dr. Genevieve Giuliano, University of Southern California
- 2011** Dr. Randy Machemehl, The University of Texas at Austin
- 2011** Dr. Daniel Turner, Department of Civil and Environmental Engineering, University of Alabama
- 2010** Dr. Robert Paaswell, Director, CUNY Institute for Urban Systems
- 2009** Dr. Michael Kyte, National Institute for Advanced Transportation Technology, University of Idaho
- 2008** Dr. Eugene Russell, Sr., Department of Civil Engineering, Kansas State University
- 2007** Mr. Jack E. Buffington, Mack-Blackwell Rural Transportation Center, University of Arkansas
- 2006** Dr. Herbert H. Richardson, Texas Transportation Institute, Texas A&M University
- 2005** Dr. C. Michael Walton, Dept. of Civil, Architectural & Envir. Engin., University of Texas, Austin
- 2004** Dr. Kumares C. Sinha, School of Civil Engineering at Purdue University
- 2003** Dr. Joseph M. Sussman, Civil and Environmental Engineering, Massachusetts Institute of Technology
- 2002** Dr. Marty Wachs, Department of Civil and Environmental Engineering, University of California, Berkley
- 2001** Dr. Lester A. Hoel, Department of Civil Engineering, University of Virginia

2000 Dr. Charley V. Wootan, Texas Transportation Institute, Texas A&M University

1999 Dr. Thomas D. Larson, Department of Civil Engineering, Pennsylvania State University

1998 Dr. William Louis Garrison, Department of Civil and Environmental Engineering, University of California, Berkeley

CUTC/ARTBA New Faculty Member Award

2014 Dr. Stephen Boyles, The University of Texas at Austin

2013 Dr. Amit Bhasin, The University of Texas-Austin

2012 Dr. Xuegang (Jeff) Ban, Rensselaer Polytechnic Institute

2011 Dr. Bruce Wang, Texas A&M University

2010 Satish V. Ukkusuri, School of Civil Engineering, Purdue University

2009 Dr. Dominique Lord, Texas A&M University

2008 Dr. Laurie Garrow Georgia Institute of Technology

2007 Dr. Henry Liu University of Minnesota-Twin Cities

2006 Dr. Mark W. Burris Texas A&M University

2005 Dr. S. Travis Waller University of Texas at Austin

2004 Dr. David M. Levinson University of Minnesota

2003 Dr. Brian L. Smith University of Virginia

2002 Dr. Kara Kockelman University of Texas at Austin

CUTC/ARTBA Award for Administrative Leadership

2014 Dr. Karen Philbrick, Mineta Transportation Institute

2013 Dr. Patrick Szary, Center for Advanced Infrastructure and Transportation (CAIT) at Rutgers -The State University of New Jersey

2012 Stephen Albert, Western Transportation Institute- Montana State University

Milton Pikarsky Memorial Award

2014 Mr. Jack Reilly, University of California, Berkeley
"Security of Freeway Traffic Systems: A Distributed Optimal Control Approach"

Mr. Jeffrey Taylor, University of Utah
"Computational Methods for Investigating Intradriver Heterogeneity Using Vehicle Trajectory Data"

2013 Mr. Rajesh Paleti, The University of Texas at Austin
"On Integrating Models Household Vehicle Ownership, Composition, and Evolution with Activity-Based Travel Models"

Mr. Sriram Narayanamoorth, The University of Texas at Austin
"On Accommodating Spatial Dependence in Bicycle and Pedestrian Injury Counts by Security Level"

2012 Dr. Dr. Saif Eddin Jabari, University of Minnesota, Twin Cities
"A Stochastic Model of Macroscopic Traffic Flow: Theoretical Foundations"

Mr. Mr. Tarun Rambha, The University of Texas at Austin
"Adaptive Routing in Schedule Based Stochastic Time-Dependent Transit Networks"

2011 Dr. Vikrant Suhas Vaz, Massachusetts Institute of Technology
"Competition and Congestion in the National Aviation System: Multi-agent, Multi-stakeholder Approaches for Evaluation and Mitigation"

Mr. Alexander Bigazzi, Portland State University
"Traffic Congestion Mitigation as an Emissions Reduction Strategy"

2010 Dr. Pengcheng Zhang, Purdue University
"A Generalized Modeling Framework to Analyze Interdependencies Among Infrastructure Systems"

Mr. Kai Yin, Texas A&M University
"Modeling Information Propagation Along Traffic on Two Parallel Roads"

2009 Dr. Yingyan Lou, the University of Florida
"A Hierarchical Framework for Congestion Pricing of Transportation Networks"

Ms. Dimitra Michalaka, University of Florida
"Proactive and Robust Dynamic Pricing Strategies for High Occupancy Toll Lanes"

2008 Dr. Anuj Sharma, Purdue University
"Integrated Behavioral and Economic Framework for Improving Dilemma Zone Protection Systems"

Mr. Cameron Williams, Texas A&M University
"Field Location and Marking of No-Passing Zones Due to Vertical Alignments Using the Global Positioning System"

2007 Dr. Xiaokun (Cara) Wang, The University of Texas at Austin
"Capturing Patterns of Spatial & Temporal Autocorrelation in Ordered Response Data - A Case Study of Land Use & Air Quality Changes in Austin, Texas"

Mr. Peter Michael Junior, Georgia Institute of Technology
"Observation & Modeling of Traffic Operations at Intersections in Malfunction Flash Mode"

2006 Dr. Camille Kamga, Ph.D., City University of New York
"Estimation of Network-Based Incident Delay in a Transportation Network using Dynamic Traffic Assignment"

Mr. Stephen D. Boyles, M.S. University of Texas at Austin
"Reliable Routing with Recourse in Stochastic, Time-Dependent Transportation Networks"

- 2005** Dr. Carol H. Tan, Ph.D. Pennsylvania State University
"An Investigation of Comfortable Lateral Acceleration on Horizontal Curves"
- Mr. Pradeep Kumar Gulipalli, M.S., University of Texas at Austin
"Credit-Based Congestion Pricing: Impact Assessment for the Dallas-Forth Worth Region and Policy Recommendations"
- 2004** Dr. Angshuman Guin, Ph.D., Georgia Institute of Technology
"An Incident Detection Algorithm Based on a Discrete State Propagation Model of Traffic Flow"
- Ms. Myriam M. Rodriguez, M.S. Purdue University Mentor: Prof. Kumares C. Sinha "An Assessment of Preservation Needs of State Highway Bridges in Indiana"
- 2003** Dr. Michael P. Hunter, Ph.D. University of Texas at Austin
"Development and Validation of a Flexible, Open Architecture, Transportation Simulation with an Adoptive Traffic Signal Control Implementation"
- Mr. Weimin Zhou, M.S., Purdue University
"Behaviour-Based Analysis of Car-Truck Interactions on Freeways"
- 2002** Dr. Chao Zhou, Ph.D. Purdue University
"Stochastic Dynamic Traffic Assignment for Robust On-Line Operations under Real-Time Information Systems"
- Mr. Lei Zhang, M.S. University of Minnesota Mentor: Prof. David Levinson "Developing Efficient and Equitable Freeway Ramp Control Strategies"
- 2001** Dr. Samuel Labi, Ph.D., Purdue University
"Impact Evaluation of Highway Pavement Maintenance Activities"
- Ms. Aruna Sivakumar, M.S., University of Texas at Austin
"A Fractional Split Distribution Model for Statewide Commodity Flow Analysis"
- 2000** Dr. Adrian Ricardo Archilla, Ph.D. University of California, Berkeley
- Mr. Harikesh Nair, M.S. University of Texas at Austin
- 1999** Dr. Billy M. Williams, Ph.D. University of Virginia
- Ms. Jodi O'Leath-Evans, M.S. Pennsylvania State University
- 1998** Dr. Adel Sadek, Ph.D. University of Virginia
- Mr. Bill Schiller, M.S. University of Minnesota
- 1997** Dr. Harry Asher, Ph.D. University of Michigan
- Mr. Constantinos Antoniou, M.S. Massachusetts Institute of Technology
- 1996** Dr. Jose Holguin-Veras, Ph.D. University of Texas at Austin
- Mr. Bernard Roger Michel, M.S. University of Minnesota
- 1995** Dr. Joy W. Dahlgren, Ph.D. University of California, Berkeley

Mr. Jon H. Fairchild, M.S. Vanderbilt University

1994 Dr. Kawkab Said, Ph.D. University of Illinois, Chicago

Ms. Catherine A. Cragg, M.S. University of Virginia

1993 Dr. A. P. Chassiakos, Ph.D. University of Minnesota

Mrs. P. B. Lockwood, M.S. University of Virginia

1992 Dr. Chandra R. Bhat, Ph.D. Northwestern University

Mr. Michael R. Ringrose, M.S. Texas A&M University

Charlie V. Wootan Memorial Award

2014 Dr. Ian Carlton, University of California, Berkeley
"Transit Planning Practice in the Age of Transit-Oriented Development"

Mr. Chester Harvey, University of Vermont
"Streetscape Design for Livability Using Spatial Data and Methods"

2013 Dr. Ranjit Godavarthy, Kansas State University
"Network and Design Guidelines for Accommodating Large Trucks at Roundabouts"

Ms. Christina Bernado, The University of Texas at Austin
"An Empirical Investigation into the Time-Use and Activity Patterns of Dual-Earner Couples With and Without Young Children"

2012 Dr. Qiang Bai, Purdue University
"Trade-Off Analysis in Multi-objective Optimization for Transportation Asset Management"

Miss. Eirini Kastrouni, Institute for Transportation, Iowa State University
"Equity Performance Evaluation of Two Different Pricing Options: Fuel Tax Per Gallon and VMT Fee"

2011 Dr. Kari Edison Watkins, University of Washington
"Using Technology to Revolutionize Public Transportation"

Mrs. Carey Blackmar Barr, The University of Texas at Austin
"Comparing Transit Accessibility Measures: A Case Study of Access to Healthcare Facilities"

2010 Dr. Gian-Claudia Sciara, University of California Berkeley
"Planners and the Pork Barrel: Metropolitan Engagement in and Resistance to Congressional Transportation Earmarking"

Mr. Sashank Musti, The University of Texas at Austin
"Evolution of the Household Vehicle Fleet: Anticipating Fleet Compositions, Plug-In Hybrid Electric Vehicle Fleet: Anticipating Fleet Compositions, Plug-In Hybrid Electric Vehicle (PHEV) Adoption and Greenhouse Gas (GHG) Emissions in Austin Texas"

2009 Dr. Patrick Qiang, University of Massachusetts
"Network Efficiency/Performance Measurement with Vulnerability and Robustness Analysis with Application to Critical Infrastructure"

Mr. Bharath Rajagopalan, The University of Texas at Austin

"A Comprehensive Analysis of Workers' Non-Work Activity Time-Use and Timing Behavior"

2008 Dr. Abdul Rawoof Pinjari, The University of Texas at Austin
"Modeling Residential Self-Selection in Activity-Travel Behavior Models: Integrated Models of Multidimensional Choice Processes"

Mr. Abishek Komma University of Florida, Gainesville "Continuous Departure Time Choice Models for Home-to-Work Commute"

2007 Dr. Konstantina Gkritza, Iowa State University
"Economic Development Effects of Highway Investment"

Mr. Nathan C. Parker
"Optimizing the Design of Biomass Hydrogen Supply Chains Using Real-World Spatial Distributions: A Case Study Using California Rice Straw"

2006 Dr. Xinyu Cao, Ph.D. University of California at Davis
"Casual Relationship between Built Environment and Personal Travel Choice: Evidence from Northern California"

Mr. Jonathan Weinert, M.S. University of California at Davis
"A Near-Term Economic Analysis of Hydrogen Fueling Stations"

2005 Dr. Sangho Choo, Ph.D. University of California at Davis
"Aggregate Relationships between Telecommunications and Travel: Structural Equation Modeling of Time Series Data"

Ms. Brenda M. Cruz, M.S. Rensselaer Polytechnic Institute
"On the Definition of Policies to Foster Off-Peak Commercial Deliveries to Congested Urban Areas"

2004 Dr. Jessica Guo, Ph.D. The University of Texas at Austin
"Addressing Spatial Complexities in Residential Location Choice Models"

Mr. Justice Appiah, M.S. Texas A&M University Mentor: Prof. Mark Burriss "An Examination of Factors Affecting High Occupancy/Toll Lane Demand"

2003 Dr. Jeffrey R. Brown, Ph.D. University of California, Los Angeles
"The Numbers Game: The Politics of the Federal Surface Transportation Program"

Ms. Kathleen F. Rogers, M.S., University of California, Los Angeles "Measuring Social Equity of Public Transit Finance: A Synthesis and Reinterpretation of the Literature"

2002 Dr. Chiung-Yu Chiu, Ph.D. University of Texas at Austin
"Impacts of New Large Aircraft on Passenger Flows at International Airport Terminals"

Mr. Ralph P. Hall, M.S. Massachusetts Institute of Technology
"Introducing the Concept of Sustainable Transportation to the U.S. DOT through the Reauthorization of TEA-21"

2001 Dr. Mary Jane Breinholt, Ph.D., University of California, Los Angeles
"Private Responses to Public Failures: Firm and Worker Responses to Transportation Deficiencies in the Indonesian Garment Industry"

Mr. James J. Brogan, M.S. University of Virginia
"Establishing a Foundation for Statewide Freight Planning"

2000 Dr. Timothy Lipman, Ph.D. University of California, Davis

Mr. Zongzhi Li, M.S. Purdue University

1999 Dr. Kazuya Kawamura, Ph.D. University of California, Berkeley

Mr. Philip Law, M.S. University of California, Los Angeles

1998 Dr. Byungkyu Park, Ph.D. Texas A&M University

Mr. Jeffrey Brown, M.S. University of California, Los Angeles

1997 Dr. Elise Miller Hooks, Ph.D. University of Texas at Austin

Ms. Fang Lu, M.S. Massachusetts Institute of Technology

1996 Dr. Sibok Lee, Ph.D., Texas A&M University

Mr. Paul Sloup, M.S. North Carolina State University

1995 Dr. James R. Kuchar, Ph.D. Massachusetts Institute of Technology

Mr. David L. Roth, M.S., Massachusetts Institute of Technology

1994 Dr. Bin Ran, Ph.D. University of Illinois, Chicago

Mr. Jun Wang, M.S. Morgan State University

Neville A. Parker Award *

2014 Science & Technology

Award not given

Ms. Deanna Smith, Mineta Transportation Institute San Jose State University

"Establishing Citizen Advisory Committees to Enhance the Public Hearing Process and Increase the Social Capital of Small Urban Public Transit Operators"

2013 Science & Technology

Award not given

Policy & Planning

Mr. Martin Barna, Mineta Transportation Institute-San Jose State University

"Evaluation of Service Design Characteristics for Concurrent BRT and Local Bus Service in Santa Clara County and Other Urban Corridors"

2012 Science & Technology

Award not given

Policy & Planning

Mr. William Dominie, UCLA

"Is Just Growth Smarter Growth? The Effects of Gentrification on Transit Ridership and Driving in Los Angeles' Transit Station Area Neighborhoods"

2011 Science & Technology

Mr. Rubens Sylvain, The City College of the City University of New York

"Implementing an Integrated Transportation Planning and Operations Model to Support Infrastructure and Operations Temporal Changes"

Policy & Planning

Mr. Michael Litschi, Mineta Transportation Institute San Jose State University

"Video-Based Driver Risk Management Systems: Evaluating Effectiveness at Improving Transit Safety"

2010 Science & Technology

Ms. Adina Boyce, The City College of New York

"Modeling Traffic Idling Conditions in East Harlem (96th to 145th Street & Lenox Ave. to 1st Ave.) Their Impact on Air Quality

Policy & Planning

Ms. Colleen Callahan, UCLA Department of Urban Planning

"The Plane Truth-Air Quality Impacts of Airport Operations and Strategies for Sustainability: A Case Study of the Los Angeles World Airports"

2009 Science & Technology

Mr. Kemba Walcott, The City College, City University of New York

"An Examination of Current QA/QC Programs Regulating Utility Cut Restorations in New York City: Mitigating the Effects of Utility Cuts on Streets in Highly Urbanized Environments"

Policy & Planning

Daren Grilley, Mineta Transportation Institute

"Local Transportation Agency Cost Estimating Practices: A Case for Improvement"

2008 Science & Technology

Zachary Horowitz Portland State University

"Freight Railroad Capacity Alternatives in the Pacific Northwest"

Policy & Planning

Kent Hymel, University of California at Irvine

"Does Traffic Congestion Reduce Employment Growth?"

2007 Science & Technology

Ms. Andrea L. Osgood University of California, Los Angeles

"Curb Dreams: Allocating On-Street Parking for Carsharing. An Analysis of Local Government Agencies Options for Encouraging Carsharing Use Through On-Street Parking Programs"

Policy & Planning

Mr. Juan Carlos Cuervo City University of New York "Development of a Strategic Management Model for Combined Fixed & Moving Transportation Assets. A Case Study & Project Description of the Transmilenio--Bogota Bus Rapid Transit System"

2006 Science & Technology No Award was presented

Policy & Planning

Mr. Stephen Crosley University of California, Los Angeles Mentor: Prof. Donald Shoup

"The Choices of Choice Riders Demand for Light Rail Transit in the Polycentric City:A Look at Culver City and the Mid-City/Exposition Line"

2005 Science & Technology

Ms. Dan Yu University of Illinois at Chicago

"CTA Data Schedule Analysis, Application and Visualization"

Policy & Planning

Mr. Paul A. Sorensen University of California, Los Angeles
"Review and Synthesis of Road-Use Metering and Charging Systems: A Report Commissioned by the Committee for the Study of the Long-Term Viability of Fuel Taxes for Transportation Finance, Transportation Research Board, The National Academies"

2004 Science & Technology

Mr. Luca Quadrioglio University of Southern California
"An Insertation Heuristic for Scheduling Mobility Allowance Shuttle Transit (Mast) Services"

Policy & Planning

Ms. Camille Fink University of California, Los Angeles Mentor: Prof. Brian D. Taylor "Transit Security and Environmental Desing: A Preliminary Analysis of Union Station and Gateway Center"

2003 Ms. Heather M. Burton University of California, Los Angeles Mentor: Prof. Brian D. Taylor "Culver City Rapid Bus:An Evaluation of Bus Rapid Transit on Culver CityBus' Line 6"

2002 Mr. Sudhakar Sathyanarayanan Kansas State University Mentor: Prof. Eugene R. Russell
"Comparison of Operational Performance of Conventional Intersection Traffic Control Types and Modern Roundabouts"

** Prior to 2004, this award was called the Non-Thesis Masters Degree Award*