

# PAST CUTC AWARD RECIPIENTS

The following is a listing of past CUTC award recipients. CUTC is making an effort to keep up-to-date contact information for each recipient. If you wish to submit or update your contact information, please fill-out the recipient contact information form.

## **Lifetime Achievement in Transportation Research & Education Award**

**2009** Congressman Nick J. Rahall, II

**2008** Senator Barbara Boxer

## **CUTC Award for Distinguished Contribution to University Transportation Education and Research**

**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**

**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

### **Milton Pikarsky Memorial Award**

**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

### **C.V. Wootan Memorial Award**

**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 \***

#### **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 Quadrifoglio 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*