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# **CUTC EXECUTIVE COMMITTEE ELECTION BALLOT**

AME/TITLE:	_
NIVERSITY:	_
ENTER:	_
em A.) Officers Slate	
ne CUTC Nominating Committee recommends the following Executive Commitee members serve as officers for a serve as officers for 2013-2014 term.	or
resident: <i>Martin Pietrucha</i> , director, The Thomas D. Larson Pennsylvania Transportation Institute, Pennsylvania Tate University	
ce President: Shashi Nambisan, professor of civil engineering, Institute for Transportation, Iowa State Universi ecretary: Joel Volinski, director, National Center for Transit Research, University of South Florida	ty
reasurer: Jill Hough, program director, Upper Great Plains Transportation Institute, North Dakota State UniversVote for entire slateVote for write in candidates:Vote for write in candidates:	ity- Farg
em B.) Continuing Executive Committee Members (no voting is necessary)	_
obert Stokes, director, University Transportation Center, Kansas State University Term Expires: 2014 ohn Collura, director, UMass Transportation Center, University of Massachusetts- Amherst Term Expires: 2015 ly Elefteriadou, director, University of Florida Transportation Institute, University of Florida Term Expires: 2015	
em C.) Elections of New Executive Committee Members	_
ne CUTC Nominating Committee recommends the following candidates as qualified nominees to serve a 3 yeem from 2013-2016 on the CUTC Executive Committee.	ar
nce the CUTC membership is composed of member institutions (not individuals), each member institution ay cast ONE vote. If more than one ballot for an institution is cast, neither will be counted. Please select UP THREE individuals below that you believe should serve on the Executive Committee. Ballots with more than 3 dividuals selected will not be counted.	O
Chandra Bhat, Center for Transportation Research, The University of Texas at Austin Samer Madant, Institute of Transportation Studies, University of California at Berkeley Tom O'Brien, METRANS Transportation Center, CSU Long Beach Dan Pallme, Intermodal Freight Transportation Institute, The University of Memphis Karen Philbrick, Mineta Transportation Institute, San Jose State University	

The above slate will be voted upon during the business meeting on Wednesday morning from 8:00-10:00 am in conjunction with the CUTC's annual summer meeting in Memphis, Tenn.

Department of Civil, Architectural and Environmental Engineering • 301 E. Dean Keeton St., Stop C1761 • ECJ 6.3, Austin, Texas 78712-1172 • (512) 471-1414 • Fax (512) 471-4995 • cmwalton@mail.utexas.edu

June 4, 2013

#### To Whom It May Concern:

I am please to nominate Dr. Chandra Bhat for an Executive Committee position of CUTC. Chandra is the Director of the Center for Transportation Research at The University of Texas at Austin. He is also the co-chair of the TRB committee on Transportation Education and Training (ABG20), an important component of CUTC's workforce-related activities. He has contributed in many other leadership roles and TRB activities and ARTBA activities. He has received several ASCE, TRB, ITE, and ARTBA awards for his leadership contributions to the transportation profession.

Chandra has also made fundamental contributions through seminal published research papers available to the entire engineering community. Substantively, he has contributed to understanding the relationship between the built environment (or urban form) and activity-travel choices of individuals, an area with important implications at the interface of transportation and urban policy design, traffic management, public health, energy dependence, and greenhouse gas emissions. Methodologically, he has been a pioneer in the formulation and use of analytic methods with wide relevance and application to several other fields. His published analytic-oriented research pieces have been seminal and innovative contributions, and are now widely used not only in transportation, but also in several other fields.

Chandra has 161 high quality published or forthcoming refereed journal publications and the number of times his work has been cited, as per the ISI Web of Science (Thomson Reuters Web of Knowledge) database, is over the 2400 mark (h-index of 30). The Google Scholar database indicates that he has received 8320 cites (h-index of 52), based on which Chandra has been listed by Google Scholar as being among the top ten Civil Engineering researchers (not just transportation researchers) (see <a href="http://scholar.google.pt/citations?hl=pt-PT&view\_op=search\_authors&mauthors=civil">http://scholar.google.pt/citations?hl=pt-PT&view\_op=search\_authors&mauthors=civil</a>). Three of his papers are listed among the top 25 most cited scholarly papers in the past five years published in the top-ranked journal in transportation -- *Transportation Research - Part B* (<a href="http://www.journals.elsevier.com/transportation-research-part-b-methodological/most-cited-articles/">http://www.journals.elsevier.com/transportation-research-part-b-methodological/most-cited-articles/</a>).

As indicated earlier, Chandra has received several research honors and awards during the course of his career. Of particular note is his selection to the prestigious 2008 Jefferson Science Fellow (JSF) program coordinated by the US Department of State, the purpose of which is to engage the American academic science, technology, and engineering (STE) community in the formulation of the US government's foreign and domestic policy. This is indeed a remarkable

Dr. Chandra Bhat June 4, 2013 Page 2

achievement, and speaks very highly of Chandra's stature as a scholar and educator in the national and international scientific and engineering community. He is the first and only transportation professor thus far in the nation to be selected as a JSF.

Chandra has made significant scientific impacts on the transportation field by nurturing and producing a new generation of high quality researchers. Overall, since 2000, his students have received 38 external (non-UT) awards for their scholarly research and leadership contributions.

Sincerely,

C. Michael Walton

Ernest H. Cockrell Centennial Chair

in Engineering

#### SAMER MADANAT

Samer Madanat is the Xenel Distinguished Professor, Chair of the Department of Civil & Environmental Engineering, and the Director of the Institute of Transportation Studies at the University of California at Berkeley.

He received a B.Sc. in Civil Engineering from the University of Jordan in 1986, and a M.S and Ph.D. in Transportation Systems from MIT in 1988 and 1991 respectively.

His research and teaching interests are in the area of Transportation and Infrastructure Management, with an emphasis on modeling facility performance, the development of optimal management policies under uncertainty, and the integration of sustainability considerations in the transportation management process. He has published extensively in refereed archival journals and conference proceedings.

In 2000, he received the Science and Technology grant from the University of California Office of the President, an award given annually to one faculty member in the UC system. From 2001 to 2010, he served as the Editor-in-Chief of the *ASCE Journal of Infrastructure Systems*. He is a member of the editorial board of several technical journals. Many of his former students are faculty members at universities in the US and abroad.

I would like to nominate Thomas O'Brien for the CUTC Executive Committee. Tom has been an active participant in CUTC for several years. He has led our METRANS workforce development efforts, and is an active participant in the CUTC/USDOT workforce development group. Tom teaches at Cal State Long Beach, and directs the research program for the Center for International Trade and Transportation. He is a co-Principal Investigator for our new METROFREIGHT Center, a partnership of METRANS, UTRC (Region 2 UTC), the French transport and environment institute, and the Korean national transport institute. Tom is hard working, reliable, and a wonderful colleague. He would be a great addition to the Executive Committee.

Thanks gg

#### Thomas O'Brien Bio

Thomas O'Brien is the Director of Research for the Center for International Trade and Transportation (CITT) at California State University, Long Beach. He is also the Associate Director for Long Beach Programs for the METRANS Transportation Center, a partnership of CSULB and the University of Southern California. O'Brien is an instructor in CSULB's Master of Arts in Global Logistics program and the coordinator of the MAGL internship program. He is also an instructor in the Global Logistics Specialist Professional Designation Program as well as the students' capstone advisor. Dr. O'Brien's research focuses on the impacts of goods movement policies. He is the author of a monthly column on trade related issues for the Long Beach Business Journal. In 2007, he was appointed to the National Academy of Science's National Cooperative Freight Research Program Project Panel on Institutional Strategies in the Freight Transportation System and in 2011 to the panel on Improving Freight System Performance in Metropolitan Areas. He is a member of the TRB Committee on Intermodal Freight Transport. He served as a member of the planning committee for CUTC's national workforce development summit.

Dr. O'Brien has a Ph.D. in Policy, Planning and Development from the University of Southern California and holds a Masters Degree in Planning from the same university. He is both an Eno and Eisenhower Transportation Fellow. As a 1995-96 Fulbright Scholar, Dr. O'Brien conducted research on the effects of changing technology on the design of the traditional living environment in Morocco, North Africa. He was awarded the GLS Program's George Marshall Instructor Award for Fall 2006 and Spring 2012. He also received the Bill Wisener Distinguished Service Award for 2007-2008.

Genevieve Giuliano
Ferraro Chair in Effective Local Government
Sr. Associate Dean, Research and Technology
Director, METRANS Transportation Center
Sol Price School of Public Policy
University of Southern California
Los Angeles, CA 90089-0626
213.740.3956



# Intermodal Freight Transportation Institute

Dan Pallme (Memphis '86) graduated with a B.B.A. in Marketing. He is the current Interim Director for the Intermodal Freight Transportation Institute. He has focused his career in the transportation field. During his undergraduate years, he worked at Federal Express (Air) working a variety of positions while he focused on graduating. Upon graduating from Memphis, he went to work for Yellow Freight System (LTL) in their management trainee program. He worked for Yellow Freight System in various capacities and moved to several locations in their network. In 1990, he started in the intermodal industry at Union Pacific (rail) as a general supervisor. He finished his career with the Union Pacific Railroad in several management positions at a few locations. From 2004 to June 2011, he was Director of Business Development at Comtrak Logistics. He was responsible for all the revenue associated with the company. During that timeframe, Comtrak Logistics grew from 15 to 25 terminals. Comtrak Logistics developed into one of the largest nationally drayage providers specializing in intermodal in the country.

His main interests are his wife, Sharon, and their two children, Anna and Carter. They reside in the Memphis area. His hobbies include golf, fishing, exercise activities, barbequing and University of Memphis athletics. He has been a director of the Traffic Club of Memphis for several years. He is the Vice President of Education for Transportation Clubs International. He serves on various other organizations including Propeller Club, Optimist Club, Memphis MPO Freight Committee, Intermodal Freight Transportation Committee at TRB, and the Transportation Committee Task for the Greater Memphis Chamber He graduated in June 2011 with a Master of Science in Intermodal Transportation Management from the University of Denver.

Chair Teresa, Vice Chair Martin, and Past Chair Gen,

With great please, the Board of Trustees of the Mineta Transportation Institute proposes Deputy Executive Director Dr. Karen Philbrick to be elected to the CUTC Board of Directors. Dr. Philbrick's bio is attached and describes a truly unique balance of academic achievement, research administration excellence, and many levels of effective public policy involvement that will accrue to the advantage of CUTC.

It's been my pleasure to be a member and past chair of CUTC during more than two decades of the metamorphosis of this venerable organization. CUTC and the individual UTCs were required to change to meet new challenges. Mirroring those changes, the Mineta Transportation Institute's careful succession planning is represented by Dr. Philbrick and is bearing fruit as my 20+ year tenure as Executive Director draws to a close. Dr. Philbrick will bring a sense of integrity, quest for excellence, and a spark of enthusiasm to CUTC that will reflect the best of the past and guarantee a strong future.

Please contact me directly if I can be more supportive of this fine candidate.

Rod

Rod Diridon, Sr. Executive Director Mineta Transportation Institute 210 North Fourth Street Fourth Floor San Jose, California 95112 Phone 408-924-7560 www.transweb.sjsu.edu



Karen Philbrick, Ph.D. Mineta Transportation Institute San Jose State University San Jose, CA 95112-0219 (408) 924-7562

karen.philbrick@sjsu.edu

# **Overview**

Dr. Philbrick was appointed as Research Director for MTI in 2009 and was promoted to Deputy Executive Director in June 2011. She conducts an annual research needs assessment and request for proposals, and manages projects from the approval process through peer review and final publication. During her time with MTI, Dr. Philbrick has overseen the selection of 61 new research projects and the publication of 38 peer-reviewed research reports. Dr. Philbrick was appointed by Secretary of Transportation LaHood to a two-year term with the US DOT's Transit Rail Advisory Committee for Safety. This committee advises the FTA on transit safety issues. Dr. Philbrick also served on the TRB Committee for Research on Fatigue in Transit Operations and continues to represent the United States at the Asian Pacific Economic Cooperation (APEC) Transportation Working Group meetings. Before joining MTI, she served as the assistant director of the National Center for Intermodal Transportation, a former Title III UTC at the University of Denver. During her tenure at that Center, her work focused on the assessment; design; and development of planning methodologies and tools, technology, and human resources needed to improve intermodal connectivity.

#### Education

**Ph.D.** Educational Psychology, August 2002, University of Denver, Denver CO

Ed.M. Counseling Psychology, May 1999, Columbia University, New York City

M.A. Organizational Psychology, February 1999, Columbia University, New York City

**B.A.** Psychology, May 1996, California State University, Fresno

### **Work Experience**

Deputy Executive Director and Director of Research, Mineta Transportation Institute (MTI), San Jose State University

June 2011-Present

Research Director, MTI, San Jose State University

April 2009-June, 2011

Assistant Director, National Center for Intermodal Transportation, University of Denver September 2006-April, 2009

Research Psychologist, University of Denver

August 2002-September 2006

# **Selected Presentations and Papers**

Philbrick, K. (2013). Carsharing and Bikesharing: A Last and Many Mile Mobility Solution. A presentation to the Transportation Working Group Asia Pacific Economic Cooperation. Ho Chi Minh City, Vietnam (April, 2013).

Philbrick, K. (2009). Transit Worker's Health and Wellness. A presentation to the International Transportation Workers Union Leadership. Hollywood, FL (February, 2009).

Philbrick, K. (2009). Understanding and Combating Fatigue in the Workplace. A presentation given to the American Shortline and Regional Railroad Association Safety Directors. Denver, CO (January, 2009).

Philbrick, K. (2008). The Influence of Trauma on Vigilance, Mood, and Reaction Time. A presentation to the Transportation Workers Union Local 100. New York, NY (November, 2008).

Philbrick, K. (2008). The Economics of Addressing Behavioral Health Issues in the Workplace. A presentation given at the Peer Support Conference for US Railroad Carriers. Omaha, NE (October, 2008).

Philbrick, K. (2008). The National Center for Intermodal Transportation: Research, Education, and Innovation. A presentation to the Transportation Working Group Asia Pacific Economic Cooperation. Lima, Peru (August, 2008).

Philbrick, Karen. (2005). Current Status of Intermodal Transportation in the US. A presentation to the Transportation Working Group Asia Pacific Economic Cooperation. Vladivostok, Russia (September, 2005).

Philbrick, K. & Sherry, P. (2005). Fatigue Models and Job Performance: Testing the Validity of Model Predictions for Locomotive Engineers. A paper presented at the Annual Meeting of the International Conference on Fatigue Management in Transportation Operations. Seattle, WA (September, 2005).

Sherry, P. & Philbrick, K. (2004). Individualized Feedback on Fatigue Related Performance Effectiveness Using Ambulatory Wrist Monitoring Actigraphy. A paper presented at the annual meeting of Railway Medicine. Moscow, Russia (April, 2004).

Sherry, P. & Philbrick, K., & Szyliowicz, J. (2004). The Effect of Individualized Actigraph Feedback on Fatigue Management. A paper presented at the annual International meeting of Transportation Systems Planning and Operation. Chennai, India (February, 2004).

Philbrick, K. & Sherry, P. (2003). Stress in Locomotive Engineers. A paper presented at the annual meeting of the International Society for the study of Stress and Trauma.

Sherry, P., Diem, G., & Philbrick, K. (2001). Acceptance and Utilization of in-Vehicle Monitoring Technology. A paper presented at the annual meeting of the Intelligent Transportation Society. Miami, FL (June, 2001).

Sherry, P. Philbrick, K., & Ahlstrand, K. (2001). Fatigue in the Railroad Industry. A paper presented at the annual meeting of the American Psychological Society Toronto, Canada (June, 2001).

# **Selected Publications**

Sherry, P., Philbrick, K, & Szyliowicz, J. (2004). The effect of individualized actigraph feedback on fatigue management in railroad engineers. <u>Transportation Systems Planning</u> and Operation, 2, 827-834.

Sherry, P. & Philbrick, K. (2003). Psychological trauma in transportation accidents. Clinics in Occupational and Environmental Medicine, 3, 109-129.

# **Academic**

- Instructor, Intermodal Skills in Developing Economies. Courses presented in Jakarta, Indonesia (November, 2010; December, 2004), Ho Chi Minh City, Vietnam (October, 2009), and Manila, Philippines (October, 2006).
- Instructor, University of Denver, Learning Applications and Analysis (2005-April, 2009)
- Teaching Assistant, University of Denver (2001-2004)