FACT SHEET: STUDENTS, FACULTY, AND ALUMNI

TRANSPORTATION ENGINEERING AT THE UNIVERSITY OF TEXAS AT AUSTIN

SPRING 2007

Faculty Research Interests

Chandra R. Bhat: Travel demand modeling and activity and travel behavior analysis. www.ce.utexas.edu/prof/bhat

Kara M. Kockelman: Transportation economics, safety research, and land use and travel demand modeling. www.ce.utexas.edu/prof/kockelman

Randy B. Machemehl: Transportation system operational analysis. www.ce.utexas.edu/prof/machemehl

Jorge A. Prozzi: Pavements and transportation infrastructure management. www.ce.utexas.edu/prof/prozzi

S. Travis Waller: Modeling and large-scale optimization of transportation networks. www.ce.utexas.edu/prof/waller

C. Michael Walton: Transportation policy and engineering analysis. www.ce.utexas.edu/prof/walton

Zhanmin Zhang: Transportation infrastructure management and pavement design. www.ce.utexas.edu/prof/zhang

Graduate Student Demographics

We have 22 domestic students from...


19 undergraduate institutions: Berea College, Colorado State Univ., Cornell Univ., Georgia Tech, Iowa State Univ., Northeastern Univ., Penn State, Rice Univ., Texas A&M Univ., The Univ. of Texas at Austin (4), Univ. of Arizona, Univ. of Connecticut, Univ. of Delaware, Univ. of Florida, Univ. of Miami, Univ. of Michigan, Univ. of Missouri, Univ. of Texas at San Antonio, Univ. of Virginia (2), and the Univ. of Washington

... and 27 international students from...

11 countries: Argentina (2), Chile, China (10), Costa Rica, Greece, The Netherlands, India (7), Taiwan, Thailand, Turkey

15 undergraduate institutions: Chongqing Jiao Tong Univ., Chulalongkorn Univ., Delft Univ. of Technology, Escuela Superior Tecnica Del Ejercito, Huazhong Univ. of Science and Technology, IIT Bombay, IIT Guwahati, IIT Madras (4), Middle East Technical Univ., National Chi Nan Univ., National Technical Univ. of Athens, Shanghai Jiao Tong Univ. (2), Southeast Univ., Tongji Univ. (2), Tsinghua Univ. (2), Univ. de Costa Rica, Univ. de Los Andes, and the Univ. Nacional de Cordoba

Faculty Awards (since 2004)

• 2007 UT Outstanding Graduate Teaching Award (Dr. Bhat)
• 2006 Lockheed Martin Excellence in Teaching Award (Dr. Bhat)
• 2006 Geoffrey J.D. Hewings Award presented by the Regional Science Association International (Dr. Kockelman)
• 2006 Council of University Transportation Centers (CUTC) Award for Distinguished Contribution to University Transportation Education and Research (Dr. Walton)
• 2006 Council of University Transportation Centers New Faculty Member Award (Dr. Waller)
• 2006 Honorary Doctorate Degree from the Nagoya Institute of Technology; Nagoya, Japan (Dr. Walton)
• 2005 James Laurie Prize, awarded by the American Society of Civil Engineers (ASCE), for "innovative contributions to the analysis and design of transportation systems." (Dr. Bhat)
• 2005 Outstanding Projects and Leaders (OPAL) award from the ASCE to recognize and honor lifetime excellence in furthering civil engineering education. (Dr. Walton)
• 2004 National Science Foundation Faculty Early Career Development (CAREER) Award (Dr. Waller)
• 2004 Walter L. Huber Civil Engineering Research Prize, awarded by the American Society of Civil Engineers (ASCE), in recognition of contributions to "innovative methods in transportation systems analysis and modeling." (Dr. Bhat)
• 2004 America’s Top 100 Private Sector Transportation Design and Construction Professionals of the 20th Century by ARTBA (Dr. Walton)

UT Transportation Program’s Website:
http://www.caee.utexas.edu/dept/area/trans/trans.html

UT Student Chapter of the Institute of Transportation Engineers (ITE)
http://studentorgs.utexas.edu/utite/

UT Student Chapter of the Intelligent Transportation Society (ITS)
http://www.ce.utexas.edu/org/its/home.html
Leadership Programs in which our students have participated

Awarded to a group of twenty "Eno Fellows," who come to Washington, D.C. to participate in an intensive week of meetings with top Executive Branch and Congressional officials, industry executives, and non-profit leaders.

Awarded to a group of promising international graduate students who intend to return to their home countries in the near future, who meet with top leaders to learn how to apply current transportation technology and management techniques to improve infrastructures around the world.

Student Awards and Scholarships (2003-2007)

- Council of University Transportation Centers (CUTC) Student Paper Awards
  - Charley V. Wootan Memorial Award: Ph.D. dissertation: 2004
    Awarded for the best dissertation/thesis in the area of transportation planning and policy
    Awarded for the best dissertation/thesis in the area of transportation science and technology

- SouthWest Region University Transportation Center (SWUTC) Awards:
  - SWUTC Outstanding Student of the Year: 2004, 2006
  - Robert Herman Outstanding Student Award: 2003, 2005, 2006

- North American Regional Science Council of the Regional Science Association (NARSC-RSAI):
  - Graduate Student Paper Competition Finalist: 2006

- Women’s Transportation Seminar (WTS) Graduate Scholarships:
  - Wanda J. Schafer Graduate Scholarship, Dallas/Ft. Worth Chapter: 2004
  - Helene M. Overly Memorial Scholarship, Heart of Texas Chapter: 2005, 2006

National Fellowships and Scholarships Awarded to Our Students (2003-2007)

National Science Foundation Graduate Research Fellowship: 2005
Awarded by the National Science Foundation (NSF)

Awarded by Universities and Grants Program, National Highway Institute, Federal Highway Administration

Benjamin H. Stevens Graduate Fellowship in Regional Science: 2005
Awarded by the North American Regional Science Council of the Regional Science Association International (NARSC-RSAI)

Undergraduate Summer Internship in Transportation (USIT)
Summer program for undergraduates from any university to spend the summer months working closely with graduate students and faculty on ongoing transportation research. For more information: http://www.cc.utexas.edu/dept/area/trans/undergrad/usit07.html

UT Transportation Engineering Alumni Employers (2003 – 2006 graduates)

Academia: 6 Universities in 6 states
California State Polytechnic University, Pomona; Georgia Institute of Technology; Rensselaer Polytechnic Institute; Texas A&M, College Station; University of Florida; University of Wisconsin, Madison

Public Sector:
District of Columbia Department of Transportation

Private Sector: Over 20 companies in the U.S. and London
AECOM; Capitol One; Cambridge Systematics; CH2M Hill; Delcan; Deloitte; DK$; Kimley Horn; Lee Engineering; NuStats; Parsons Brinckerhoff; PBS&J; Lassiter Transportation Group; RAND Europe; TCB; IIRS; US Airways; Wilbur Smith Associates; Walter P. Moore; WHM/HDR

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Gold: Cambridge Systematics, Inc.; CH2M Hill; E-Squared Engineering; Ferrovial; NuStats; TransCore
Silver: SAIC; Delcan, Inc.