March 19, 2012

NEWS FROM THE DIRECTOR
Welcome to our redesigned CUTR Connections newsletter. As part of our CUTR Family, we hope you find its content useful. We want you to know what is happening and how we can make improvements. CUTR Connections is moving to a bi-weekly format to allow us to better focus on emerging projects, important notices, and growing collaborations. If you have any suggestions or comments, please let us know.
— Jason

WELCOME NEW CUTR EMPLOYEES
Please welcome Miss Jodi Godfrey to the CUTR family. Jodi is originally from Oldsmar and now resides in Tarpon Springs. She is currently working on her Bachelor's Degree in Civil Engineering with a focus in transportation. She is a member of the American Society of Civil Engineers, Phi Sigma Theta National Honor Society, Phi Theta Kappa International Honor Society, and the Golden Key International Honor Society. Jodi will be joining the Mobility Research/Education Program under Steve Polzin's leadership and will be working on the Trends and Conditions Report, as well as other team projects.

HR COMPASS
Dress code: Moving forward, CUTR employees may enjoy the opportunity to wear jeans on Thursdays and Fridays with a charitable donation of $1 each day. Funds collected will be directed to CUTR's USF Foundation Account and other charities selected in a forthcoming vote. Please be respectful: no rips, holes, or stains. More information will follow.

Sick Leave Pool Open Enrollment begins April 2.

CUTR Faculty Self-Evaluations are due to supervisors by March 30th. The process for staff evaluations will be forthcoming.

UPCOMING EVENTS
March 27-29, 2012  Introduction to Travel Training
April 1, 2012     April Fool's Day
April 4, 2012     CUTR Advisory Board Meeting
April 10, 2012    Managers' Meeting

Faculty & Staff Campaign
Donate today!
Deadline for pledge donations is Friday, April 6th.

Birthdays
Ed Hillsman 3/5
Justin Begley 3/5
Alex Kolpakov 3/9
Zhenyu Wang 3/9
Molly Buffington 3/10
Stephanie Zavacki 3/23
Menna Yassin 3/23
Dennis Hinebaugh 3/26
Sherrell Lall 3/26
Reena Raturi 3/26
Cheryl Thole 3/27
Donna Everhart-Reno 3/29
Amber Reep 3/29

Anniversaries
Cindy Wooten 21 yrs
Pam LaPaugh 17 yrs
Chris DeAnnuntis 14 yrs
Jan Davis 12 yrs
Tara Rodrigues 3 yrs
Steve Ulloa 1 yr

AEGIS Timesheets
Due: Tuesday, March 27 by 10am for pay period 3/16 to 3/29

CUTR Webcast
3/22/2012: An Assessment of Public Transportation Markets Using NHTS Data Presented by Xuehao Chu

Please email Jennifer Iley, if you would be interested in presenting.
NEW AWARDS/CONTRACTS

Bicycle/Pedestrian Focused Initiative
Sponsor: FDOT
Principal Investigator: Pei-Sung Lin

Integrating Transit and Road Pricing Projects
Sponsor: FDOT
Principal Investigator: Steve Reich

Moving America on Transit-Innovation in Real-Time Transit Information
Sponsor: NCTR/FDOT
Principal Investigator: Sean Barbeau

RECENTLY RELEASED REPORTS

Use the links below to view/download final NCTR/FDOT reports are from the NCTR website.

Review and Update of Road Ranger Cost Benefit Analysis
Sponsor: FDOT
Principal Investigator: Pei-Sung Lin

An Assessment of Public Transportation Markets Using NHTS Data
Sponsor: NCTR/FDOT
Principal Author: Xuehao Chu

Tracking Costs of Alternatively Fueled Buses in Florida
Sponsor: NCTR/FDOT
Principal Authors: Stephen L. Reich and Alexander Kolpakov

Estimating Cost and Benefits of Emission Reduction Strategies for Transit by Extending the TRIMMS Model
Sponsor: NCTR/FDOT
Principal Authors: Sisinnio Concas and Philip Winters

Expanding the Google Transit Feed Specification to Support Operations and Planning
Sponsor: NCTR/FDOT
Principal Author: Martin Catala

PROPOSALS SUBMITTED/UNDERWAY

Proposal: CPS: Synergy: Cyber-Enabled Self Monitoring Traffic Control Infrastructure
Sponsor: National Science Foundation
Proposal Team: Srinivas Katkoori, USF Computer Science and Engineering (lead) and Pei-Sung, Aldo Fabregas, and Achilles Kourtellis

Proposal: Coordinated Pre-Preemption of Traffic Signals to Enhance Railroad Grade Crossing Safety in Urban Areas and Estimation of Train Impacts to Arterial Travel Time Delay
Sponsor: Florida Department of Transportation
Proposal Team: Pei-Sung Lin and Hongyun with TTI and FIU
Proposal: Suncoast Clean Cities Coalition  
Sponsor: TECO, Hillsborough County EPC  
Proposal Team: Steve Reich with USF’s Office of Sustainability, USF Facilities

Proposal: Florida Turnpike Enterprise Green Tech Park  
Sponsor: Florida’s Turnpike  
Proposal Team: Steve Reich with USF’s School of Architecture and Community Design

Proposal: Safety Standards for FTA Section 5310 Recipients  
Sponsor: Florida Department of Transportation  
Proposal Team: Deborah Sapper and Lisa Staes

Proposal: Florida Bus Operator Train the Trainer Program  
Sponsor: Florida Department of Transportation  
Proposal Team: Amber Reep and Lisa Staes

USF COLLABORATIONS

FDOT Sponsored Projects:

Project: FDOT Freight Roundtable  
USF Partner: Abdul Pinjari, CEE  
CUTR Lead: Jason Bittner

Project: Community Traffic Safety Support Program  
USF Partner: Yu Zhang, CEE  
CUTR Lead: Pei-Sung Lin

Project: Trip Internalization in Multi-Use Developments  
USF Partner: Abdul Pinjari, CEE  
CUTR Lead: Pei-Sung Lin

Project: Development of an Interface between FDOT's Crash Analysis Reporting System and the Safety Analyst  
USF Partner: John Lu, CEE  
CUTR Leads: Pei-Sung Lin and Hongyun Chen

Proposal: Blue Striped Channelizing Drums along Business Entrances in the Work Zone  
USF Partner: Yu Zhang, CEE  
CUTR Lead: Chanyoung Lee

Proposal: Commercial Motor Vehicle Parking Trends at Rest Areas and Weigh Stations  
USF Partner: Yu Zhang, CEE  
CUTR Lead: Chanyoung Lee

USF Partners: Trent Green, School of Architecture and Community Design  
CUTR Leads: Sara Hendricks and Ed Hillsman
CUTR Connections
The Official Newsletter for CUTR Employees

Project: Assessing Air Quality Impacts of Managed Lanes
Sponsor: NCTR/FDOT
USF Partner: Amy Stuart – CEE/Environmental and Occupational Health
CUTR Leads: Pei-Sung Lin and Chanyoung Lee

Other Sponsored Projects:

Project: In-Vehicle Driving Behavior Field Study – Tampa Bay
Sponsor: CUBRC/National Academies
USF Partner: Yu Zhang, CEE and Stephen Sundarrao, ME
CUTR Leads: Pei-Sung Lin and Achilleas Kourtellis

Project: An Integration Framework for Traffic Network Monitoring and Management in Real Time
Sponsor: Hillsborough County Public Works
USF Partner: K. P. Valavanis – a former professor in the Computer Science and Engineering
CUTR Lead: Pei-Sung Lin

Project: Embedded System Design for Intelligent Stop (Senior Undergraduate Project)
USF Partner: Srinivas Katkoori, CSE
CUTR Leads: Aldo Fabregas and Pei-Sung Lin

Proposal: CPS: Synergy: Cyber-Enabled Self Monitoring Traffic Control Infrastructure
Sponsor: National Science Foundation
USF Partners: Srinivas Katkoori, Ken Christensen, and Sudeep Sarkar, CSE
CUTR Leads: Pei-Sung Lin and Aldo Fabregas

Project: Sustainable Cities Working Group
USF Partner: Liz Strom, Geography/Center for Community Partnerships
CUTR Leads: Kristine Williams and Sara Hendricks

Project: Global Sustainability Pre-College Program
Sponsor: Patel Center for Global Sustainability
USF Partners: Yu Zhang and Abdul Pinjari – CEE; Randall Pape, Patel Center for Global Sustainability
CUTR Lead: Kristine Williams

Project: New North Transportation Alliance
Sponsors: FDOT District 7, Hillsborough County, USF Parking and Transportation Services
CUTR Leads: Julie Bond and Sara Hendricks

Transportation Graduate Seminar

March 23, 2012 @ 11am: "Integrated Modeling Framework for Accurate Exposure Estimates considering the Travel Activity Patterns" Presented by: Sashikanth Gurram

March 30, 2012 @ 11am: "An Investigation of the Transferability of Activity-Based Travel Demand Models across Different Regions in Florida" Presented by: Sujan Sikder