CUTR Connections [October 2018]

CUTR

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October 2018

Message from the Dr. Lisa Staes
October 3rd 2018

When I was asked to issue a “guest” article to the CUTR newsletter, I balked. I was rushing through the airport (after having to return to the main terminal to check my carry-on...don’t ask), and knew I had an afternoon of meetings before being able to settle in my hotel room. At the time, writing a brief was not something that seemed very enticing. However, now that I am sitting on a plane, hugging the Atlantic coast, headed to Washington, DC (my home away from home), I feel compelled to offer a narrative.

We are celebrating our 30th year – hard to imagine. Milestones, such as this, present moments of reflection – thoughts of where we have been, the exceptional successes we have had along the way, great victories, the talented students we prepared for life outside (and inside) CUTR, and the many researchers and staff members with whom we have had the pleasure and honor of working.

But, while reflection is important and is a source of experiential knowledge and growth, we must transfer our focus on CUTR’s future. To me, our future is brighter than it has ever been. CUTR has and continues to benefit from the phenomenal growth that is reflected in the number of projects awarded (and the values of those awards), an ever-expanding and varied client base, mutually beneficial partnerships, and new faculty and staff members. Our future growth is centered on both seasoned, nationally (and internationally) recognized faculty members, and our brilliant, energetic, and engaging new hires and young faculty members.

CUTR is not only a part of the transportation narrative, but is directing and influencing conversations on the latest technologies, areas of greatest threats to our industry, workforce development, succession planning, and those topics that provide
lasting opportunities. We are deeply engaged in topics such as transit/transportation automation and connected vehicle technologies, cybersecurity, Mobility on Demand, Complete Streets, accessibility, rail transit research, safety-related technology deployment evaluations, and other industry emphasis areas.

However, our success has and will always be congruent with the extraordinary passion I see from the CUTR team. We want to make a difference in the lives of those among us, those with whom we engage on a regular basis – clients, partners, and the industry, and those who we may never meet, but for whom our work provides profound benefit.

I am so proud to call CUTR my home and all of you my family. We have so much to be proud of and so very much to look forward to.

Here comes the drink cart…gotta go!

Timesheets are due!

Timesheets for weeks ending 10/11 and 10/18 are due by 10:00 A.M. on 10/16.
Timesheets for weeks ending 10/25 and 11/1 are due by 10:00 A.M. on 10/30.

For students who complete hourly timesheets- please make sure your timesheets are approved by your supervisor.

CUTR is going paperless! Please use DocuSign for electronic signatures

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For information on how to use the Aegis remote desktops visit [https://wiki.cutr.usf.edu/technology-information/remote/timesheets](https://wiki.cutr.usf.edu/technology-information/remote/timesheets)

For help fixing common issues with timesheets visit [https://wiki.cutr.usf.edu/orientation/timesheets/troubleshooting](https://wiki.cutr.usf.edu/orientation/timesheets/troubleshooting)

REMINDER - It is VITAL that you do your timesheets as early as possible... If you do miss a deadline, you will not be able to submit in AegisWeb.
CUTR participated in the 29th Annual Tampa Bay Transportation Supersession on September 28, 2018, including Crystal Wang, MD Hoque, CUTR Director Dr. Robert Bertini, Hualong Tang and Jodi Godfrey (not pictured) - they were joined by TBITE President Danielle Joyce who very enthusiastically supports our ITE Student Chapter! http://tbite.org/MainTBITEsite/ https://www.facebook.com/groups/iteusf/

Dr. Sean Barbeau presented “Dual frequency GNSS and Galileo on Android devices” at the 2018 ION GNSS+ conference in Miami, FL on September 27, 2018. This presentation illustrated the industry state-of-the-art for availability of dual-frequency Galileo, GPS, and QZSS using the Xiaomi Mi 8 mobile phone and GPSTest open-source mobile app. Dual-frequency GNSS will lead to enhanced position accuracy for navigation and other applications on all mobile devices in very near future!
CUTR is grateful to the College of Engineering for 14 new (to us!) workstations for our student labs! Goodbye particle board hello solid wood! We expect vast productivity increases from our wonderful student teams!

CUTR Director Dr. Robert Bertini participated in the 25th ITS World Congress in Copenhagen, Denmark 17–21 September 2018. Bertini presented “Global
Perspectives on the Past, Present and Future of Active Traffic Management: Focus on Ramp Control Implementations,” in a session on Traffic Demand Management and “Preparing a Connected Vehicle Roadmap for Optimal System Deployment Scenarios: Case Study of the State of Oregon, United States,” in a session on Roadmaps to Deployment. Bertini also participated in a “Bicycle Planning is City Planning” tour led by former Copenhagen mayor Morten Kabell.
CUTR Director Dr. Robert Bertini visited the Urban Transport Systems Lab at the Ecole polytechnique fédérale de Lausanne (EPFL) in Lausanne, Switzerland, under the direction of Prof. Nikolas Geroliminis on September 14, 2018. Exciting presentations about the future of transportation, including public transport, MAAS and urban traffic control.

CUTR Director Dr. Robert Bertini and the Tampa Bay Clean Cities Coalition team were at the Drive Electric Week Celebration in downtown Tampa today to celebrate sustainable and alternative transportation options in our region! National Drive Electric Week is a nationwide event to heighten awareness of today's widespread availability and benefits of plug-in vehicles. [https://driveelectricweek.org/](https://driveelectricweek.org/)
On August 29, 2018 USF Dean of Engineering Robert Bishop joined us to congratulate the USF ITE Student Chapter on their National Collegiate Traffic Bowl victory! Thank you Dean Bishop and congratulations to the team! @ITEUSF USF College of Engineering
CUTR was honored to welcome Canadian Consul General Susan E. Harper, Trade Commissioner Margaret Cullen and Consul Laurent Morel-à-l'Huissier from Miami today—we look forward to further collaboration in the transportation and smart cities arenas! Consulate General of Canada in Miami
Dr. Pei-Sung Lin and CUTR faculty Dr. Cong Chen, Brian Pessaro, Dr. Achilleas Kourtellis and Dr. Nikhil Menon, along with student Rakesh Rangaswamy visited Coast Autonomous for a demo on Friday September 7, 2018. We are excited about the future possibilities for demonstrating and deploying automated vehicle technology on the USF campus and beyond! Coast Autonomous
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<th>PI(s)</th>
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<td>South County Integrated Mobility Solutions</td>
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<td>Supporting Research Dissemination Through the Journal of Public Transportation</td>
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<td>Bertini</td>
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<td>Integrating Equity into Metropolitan Planning Organization Project Prioritization</td>
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<td>Strategic Investment Decisions on Highway Improvement Projects</td>
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**September 2018 Proposals**

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Tip of the Month

At the CUTR Staff meeting held on September 25, Katherine Ogelvie, with USF Environmental Health & Safety, provided some information on how to handle an auto accident when traveling on USF business. To see/download the form she distributed, as well as her contact information, please see the relevant information added to this page: [https://wiki.cutr.usf.edu/orientation/travel](https://wiki.cutr.usf.edu/orientation/travel).

[Click here to view past editions of CUTR Connections.](https://mailchi.mp/cutr.usf.edu/cutr-connections-october-2018)