

# AGENDA

## ***Exploring Transportation and STEM: From the Community to the Classroom***

June 6, 2019

University of Florida Transportation Institute

STRIDE Center

(<https://stride.ce.ufl.edu>)

Contact: Ondine Wells, [owells@ufl.edu](mailto:owells@ufl.edu) (cell 352-328-2997)

Parking in Reitz Union Garage starting at 7:30 am

Morning Session: Weil Hall, room 365 Conference Room

8:00 – 8:30 am – Coffee and refreshments

8:30 – 10:00 am – Welcome and Overview of Research Projects

- Ondine Wells, K-12/Technology Transfer Coordinator, STRIDE Center – *Welcome*
- Dr. Siva Srinivasan – *Introduction to UFTI, What Is transportation engineering?, Overview of research in transportation planning*
- Dr. Wayne Giang, Human Factors Lab
- Dr. Justin Mason – Dr. Classen’s IMAP Lab
- Carlos Soler – Dr. Bridge’s research Lab
- Patrick Emami – Dr. Sanjay Ranka’s Lab (Computer Engineering) - *Video-based Analytics in Intelligent Transportation Systems*
- Brendan John, Graduate Student, Jain Lab (Computer Science) - *The Impact of Visual and Audio Alerts on Driving Behavior and Exploring Visual Attention through Eye Tracking*
- Dr. Nithin Agarwal, Tech Transfer Center - *Shield+ project and T2*

Field Trip

10:00 am – 12:30 pm – Shuttle will leave Weil Hall and take participants to the Gainesville-Alachua County Traffic Management Center, 405 NW 39th Ave, Gainesville, FL 32609

Emmanuel Posadas, PE, Traffic Operations Manager

Lunch: Weil Hall, room 513 computer lab (not 513 A-B)

12:30 – 1:30 pm - Box lunch from Sweetberries

Afternoon Session: Weil Hall, room 513 computer lab (not 513 A-B)

1:30-3:30 pm – Transportation Careers & STEM activities

3:30 – 4:00 pm – Resources, wrap-up, evaluation