



External Advisory Board Annual Meeting (featuring our Annual Student Conference)

March 5-6, 2009

Samuel P. Harn Museum of Art, University of Florida Campus

Agenda

External Advisory Board Meeting (Part 1)

Thursday, March 5, 2009

(Chandler Auditorium)

- **1:00 p.m. to 1:15 p.m.** – Welcome, introductions and review of agenda (Lily Elefteriadou, Ph.D., Professor & CMS Director)
- **1:15 p.m. to 1:30 p.m.** – Welcome from David Norton, Ph.D., Associate Dean, Office of Research & Graduate Programs, College of Engineering (invited)
- **1:30 p.m. to 2:15 p.m.** – Overview of CMS accomplishments and activities in the past year
 - ❖ Research – Lily Elefteriadou, Ph.D., Professor & CMS Director
 - ❖ Education – Siva Srinivasan, Ph.D., Assistant Professor, including Genesis Harrod and Jorge Barrios (transportation students)
 - ❖ Technology Transfer – Janet Degner, M.S., Director T² Center
- **2:15 p.m. to 3:00 p.m.** – Traffic Operations – Wayne Kittelson, Principal, Kittelson & Associates, Inc.
- **3:00 p.m. to 3:30 p.m.** – BREAK
- **3:30 p.m. to 4:15 p.m.** – Congestion Pricing – Debora Rivera, P.E., Director of Transportation Operations, FDOT District Six
- **4:15 pm to 5:00 p.m.** – Transportation and Land Use Planning – Genevieve Giuliano, Ph.D., Senior Associate Dean, Research and Technology, University of Southern California
- **6:30 p.m. to 9:00 p.m.** – Dinner at Bonefish Grill

Student Conference

Friday, March 6, 2009

(Chandler Auditorium and Goforth Learning Center Classroom)

BREAKFAST (Harn Museum Lobby)

8:00 a.m. to 8:30 a.m.

8:30 a.m. to 8:45 a.m. (Chandler Auditorium)

Welcome/Introductory Remarks – Ruth Steiner, Ph.D., Urban & Regional Planning

Session 1 (Moderator - Toi Lawphongpanich, Ph.D., Industrial & Systems Engineering)

8:45 a.m. to 10:15 a.m.

- **8:45 a.m. to 9:05 a.m.**
Ashwin Arulsevan – Branch-and-Price Approach for a Bimodal Evacuation Problem



- **9:05 a.m. to 9:25 a.m.**
Dincer Konur – A Competitive Facility Location Game with Traffic Congestion Costs
- **9:25 a.m. to 9:45 a.m.**
Lihui Zhang – Robust Synchronization of Actuated Signals on Arterials
- **9:45 a.m. to 10:05 a.m.**
Di Wu – Pareto-Improving Congestion Pricing on Multimodal Transportation Networks
- 10:05 a.m. to 10:15 a.m.**
General Q&A

10:15 a.m. to 10:45 a.m. – BREAK

Session 2 (Moderator – Ms. Janet Degner, M.S., Director T² Center)

10:45 a.m. to 12:15 p.m.

- **10:45 a.m. to 11:05 a.m.**
Keirra Gent – Occupational Therapy Driving Performance Issues in Post Deployed Military Personnel with TBI, PTSD/Depression
- **11:05 a.m. to 11:25 a.m.**
Russell Provost – Using Geographical Information Systems to Analyze Relationships between Factors in the Built Environment and Travel Behavior
- **11:25 a.m. to 11:45 a.m.**
Chad Riding – Access Management as a Means of Accommodating Access, Accessibility, and Mobility on an SIS Facility: The Case Study of State Road 26 through Newberry, Florida
- **11:45 a.m. to 12:05 p.m.**
Matt Weisman – A Comparison of Signal Preemption and Priority for Emergency Vehicle Response
- 12:05 p.m. to 12:15 p.m.**
General Q&A

LUNCHEON RECEPTION & Poster Session

12:15 p.m. to 1:45 p.m.

(Goforth Learning Center Classroom)

Posters by:

- **Alexandra Kondyli** – Driver Behavior at Freeway-Ramp Merging Areas: Focus Group Findings
- **Ashish Kulshrestha & Abigail Osei-Asamoah** – Estimating Capacity of Signalized Intersection with a Left-Turn Lane Using a Probabilistic Approach
- **Yingyan Lou** – A Robust Approach to Discrete Network Designs with Demand Uncertainty
- **Dimitra Michalaka** – Proactive and Robust Dynamic Pricing Strategies for High Occupancy/Toll Lanes
- **Xiaoyu Zhu** – A Case Study in Spatial Misclassification of Work Zone Crashes

External Advisory Board Meeting (Part 2)

- **1:45 p.m. to 3:00 p.m.** – Feedback Session (Chair: Wayne Kittelson)
Development of Recommendations and Feedback
 - CMS Research, Education, and Technology Transfer Activities
 - Future EAB Meetings
 - Other Issues

Adjourn – 3:00 p.m.