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

March 5-6, 2009
Samuel P. Ham 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 p.m 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 (Ham 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 Arulselvan – 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.