External Advisory Board Meeting
(Featuring our Annual Student Conference)

March 4-5 2010
Emerson Alumni Hall
(Across from the UF Campus on University Ave.)

Agenda

External Advisory Board Meeting (Part 1)
Thursday, March 4, 2010
Warrington Room AB

- 1:00 p.m. to 1:15 p.m. - Welcome (Dean Cammy Abernathy, College of Engineering)
- 1:15 p.m. to 1:30 p.m. - Introductions and Review of the Agenda (Lily Elefteriadou)
- 1:30 p.m. to 2:15 p.m. - Overview and Discussion of CMS Accomplishments and Activities in the Past Year
  - Research
  - Education
  - Technology Transfer
- 2:15 p.m. to 3:45 p.m. - Transportation Education
  - Existing Curriculum at the Undergraduate and Graduate Level (Scott Washburn)
  - Curriculum Needs (Ananth Prasad, Debora Rivera)
- 3:45 p.m. to 4:00 p.m. - BREAK
- 4:00 p.m. to 5:30 p.m. - Continuing Education and Professional Development
  - Existing and Planned Continuing Education Activities of the CMS (Bill Sampson)
  - Continuing Education/Professional Development Needs of the Public and Private Sectors (Elizabeth Birriel, Max Crumit)
- 6:30 p.m. - Dinner at Ti Amo, Downtown Gainesville

CMS Annual Student Conference
Friday, March 5, 2010
Emerson Alumni Hall - President's Room B

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

8:30 a.m. to 8:45 a.m. Welcome/Introductory Remarks - Ruth Steiner, Ph.D., Urban & Regional Planning

Session 1 (Moderator: Dr. Toi Lawphongpanich, ISE)
8:45 a.m. to 10:15 a.m.
External Advisory Board Meeting (featuring Annual Student Conference)                                                                                   2

- **8:45 a.m. to 9:05 a.m.**
  Nagendra Dhakar (Ph.D. Student, CCE) – Modeling Face-to-Face and Internet Based Social Activity Participation Decisions

- **9:05 a.m. to 9:25 a.m.**
  Jing Li (Ph.D. Student, CCE) – Implementation of Two-Lane Highway Modeling Into the CORSIM Simulation Program

- **9:25 a.m. to 9:45 a.m.**
  Harish Manda (M.S. Student, CCE) – Comparison of Capacities of HOV Lanes and GP Lanes

- **9:45 a.m. to 10:05 a.m.**
  Irene Soria (M.S. Student, CCE) – Comparison of Car Following Models to Field Data

**10:05 a.m. to 10:15 a.m.**
General Q&A

**10:15 a.m. to 10:45 a.m.** - BREAK

**Session 2 (Dr. Ruth Steiner, URP)**
10:45 a.m. to 12:15 p.m.

- **10:45 a.m. to 11:05 a.m.**
  Barbara Martin (M.S. Student, CCE) – Evaluating the Impacts of Advanced Driver Assistance Systems using a Driving Simulator

- **11:05 a.m. to 11:25 a.m.**
  Xiaoyu Zhu (Ph.D. Student, CCE) – Risk Factors Affecting the Injury Severity of Large-Truck Crashes

- **11:25 a.m. to 11:45 a.m.**
  Qipeng Zheng (Ph.D. Student, ISE) – Advancing Scheduling Models and Solution Algorithms for Real-Time Disaster Evacuation

- **11:45 a.m. to 12:05 p.m.**
  Max Shmaltsuyev and Ruoniu (Vince) Wang (M.A. Students, URP) – The Economic Costs of Traffic Congestion in Florida

**12:05 p.m. to 12:15 p.m.**
General Q&A

**LUNCH RECEPTION & Poster Session**
March 5, 2010
12:15 p.m. to 1:45 p.m.
Emerson Alumni Hall - President’s Room A & B
(Note: Lunch in Room A; Posters in Room B)

Posters by:

- **Heather Hammontree** (M.S. Student, CCE) – LOSPLAN
- **Jacob Kain** (M.A. Student, URP) - The University of Florida Auto-Restricted Zone
- **Cuie Lu** (Ph.D. Student, CCE) – Impacts of Incidents on Freeway Operations
- **Quing-Chang Lu** (Ph.D. Student, URP) – Vulnerability Analysis of Transportation Networks as a Result of Climate Change
- **Suwan Shen** (M.A. Student, URP) – Impacts of Vertical Data Accuracy on Estimating the Effects of Sea Level Rise on Local Highway Infrastructure
- **Ziqi Song** (Ph.D. Student, CCE) – Optimal Deployment of High-Occupancy Vehicle/Toll Lanes in General Networks
- **Bilge Tutak** (Ph.D. Student, CCE) – Development of a Multimodal Transportation Educational Virtual Appliance (MTEVA) to Study Congestion during Extreme Tropical Events
- **Linjun Yu** (Ph.D. Student, URP) – An approach for Disseminating Prodigious Volumes of Vector Data Using Google Earth
- **Liyuan Zhao** (Ph.D. Student, URP) – A Quantitative Evaluation of the Relationship between Land Use Allocation and Transportation
- **Liyuan Zhao** (Ph.D. Student, URP) and **Hemant Salokhe** (M.S. Student, URP) – CA and Agent-based Land use Forecasting Model for Transportation Demand

**External Advisory Board Meeting (Part 2)**
Friday, March 5, 2010
Emerson Alumni Hall - Warrington Room AB

- **1:45 p.m. to 2:45 p.m.** – The UTC Program and Transportation Education (Rob Bertini, Deputy Administrator, RITA, USDOT, via Videoconferencing)
- **2:45 p.m. to 3:30 p.m.** – Recommendations and Feedback (Chair: Wayne Kittelson)
  - CMS Research, Education, and Technology Transfer Activities
  - Future EAB Meetings
  - Other Issues

Adjourn – 3:30 p.m.