



**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.



- **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

LUNCHEON 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.