



External Advisory Board Meeting (Featuring our Annual Student Conference)

March 3-4 2011
Emerson Alumni Hall, Gainesville, Florida
(Across from the UF Campus on University Ave.)

Agenda

External Advisory Board Meeting (Part 1)

Thursday, March 3, 2011

Warrington Room AB

- **1:00 p.m. to 1:10 p.m.** – Welcome (Dean Christopher Silver, College of Design, Construction and Planning)
- **1:10 p.m. to 1:20 p.m.** – Roundtable Introductions and Review of the Agenda (Lily Elefteriadou, CMS Director, Professor, Civil & Coastal Engineering)
- **1:20 p.m. to 1:50 p.m.** – Overview and Discussion of CMS Accomplishments and Activities in the Past Year (Lily Elefteriadou)
 - ❖ Research
 - ❖ Education
 - ❖ Technology Transfer
- **1:50 p.m. to 3:00 p.m.** – UF Research Activities on Non-motorized Travel, Active Living and Sustainability
 - ❖ Ruth Steiner, Associate Professor, Urban & Regional Planning
 - ❖ Peggy Carr, Associate Dean of Undergraduate Programs, College of Design, Construction and Planning
 - ❖ Siva Srinivasan, Assistant Professor, Civil & Coastal Engineering
 - ❖ Sherrilene Classen, Associate Professor, I-MAP Director, Occupational Therapy
- **3:00 p.m. to 3:30 p.m.** — BREAK
- **3:30 p.m. to 4:00 p.m.** – Coordinating Transportation & Health for Active Living
 - ❖ David Berrigan, Applied Research Program, Division of Cancer Control & Population Sciences, National Cancer Institute
- **4:00 p.m. to 4:30 p.m.** – Integrating Urban Land Use & Transportation
 - ❖ Tom Rossi, Principal, Cambridge Systematics, Inc.
- **4:30 p.m. to 5:30 p.m.** – Discussion on Potential Directions and Opportunities at UF Relative to Non-motorized Travel, Active Living and Sustainability (Siva Srinivasan/Ruth Steiner)
- **6:30 p.m.** – Dinner at Mark's Prime, Downtown Gainesville



CMS Annual Student Conference

Friday, March 4, 2011

Emerson Alumni Hall – President’s Room B

BREAKFAST / President’s Room A

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

8:30 a.m. to 8:45 a.m. Welcome/Introductory Remarks – Ruth Steiner, CMS Associate Director, Associate Professor, Urban & Regional Planning

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

Session 1 (Moderator – Scott Washburn, Associate Professor, Civil & Coastal Engineering)

- **8:45 a.m. to 9:05 a.m.**
Dimitra Michalaka (Civil Engineering) - Enhancing CORSIM for Simulating High Occupancy/Toll Lanes Operations
- **9:05 a.m. to 9:25 a.m.**
Cuie Lu (Civil Engineering) - An Investigation of Freeway Capacity before and during Incidents
- **9:25 a.m. to 9:45 a.m.**
Dincer Konur (Industrial & Systems Engineering) - Impacts of Efficient Transportation Capacity Utilization via Multi-Product Consolidation on Transportation Network Usage and Congestion
- **9:45 a.m. to 10:05 a.m.**
Yanning Wang (Occupational Therapy) - Validity and Usability of a Safe Driving Behavior Measure for Older Adults: Strategy for Congestion Mitigation

10:05 a.m. to 10:15 a.m.

General Q&A

10:15 a.m. to 10:45 a.m. – BREAK

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

Session 2 (Moderator – Toi Lawphongpanich, Associate Professor, Industrial & Systems Engineering)

- **10:45 a.m. to 11:05 a.m.**
Roosbeh Nowrouzian (Civil Engineering) - Tour Generation Models for Florida: Intra-household Interdependencies and Spatial Transferability
- **11:05 a.m. to 11:25 a.m.**
Vince Wang (Urban & Regional Planning) - Measuring Urban Form and Examining Its Relationship to Traffic Congestion in Florida
- **11:25 a.m. to 11:45 a.m.**
Hyungchul Chung & Jeongseob Kim (Urban & Regional Planning) - The Effects of Impact Fees in Urban Form and Congestion in Florida
- **11:45 a.m. to 12:05 p.m.**
Shanti Rachmat (Urban & Regional Planning) – Mismatch in Demand and Supply in Parking and Empirical Spatial Study in Downtown Miami

12:05 p.m. to 12:15 p.m.

General Q&A



LUNCHEON RECEPTION & Poster Session

March 4, 2011

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:

- **Ori Baber (Environmental Engineering)** – Investigation into the Inhalation Toxicity of Constituents of Automobile Exhaust using an Innovated In-vitro Exposure Technique
- **Brett Fuller (Civil Engineering)** - Integration of Toll Plaza Analysis into CORSIM
- **Fang He & Xiao Chen (Civil Engineering/Industrial & Systems Engineering)** - Effective and Efficient Deployment of Dynamic Message Signs to Display Travel Time Information
- **Yunseok Im (Environmental Engineering)** - Modeling Secondary Organic Aerosol Formation from Aromatic Compounds
- **Clark Letter (Civil Engineering)** - A Framework for Simulating Variable Speedlimits in CORSIM
- **Kwangkyun Lim (Civil Engineering)** - A Comparative Analysis of Alternate Econometric Structures for Trip-Generation Models
- **Suwan Shen (Urban & Regional Planning)** - Impact Analysis of Changing Riverine Flood Frequencies Caused by Climate Change on Transportation Infrastructure and Land Use
- **Chrysafis Vogiatzis (Coastal Engineering)** - Multimodal Transportation Educational Virtual Appliance – Extensions and Enhancements

External Advisory Board Meeting (Part 2)

Friday, March 4, 2011

Emerson Alumni Hall – Warrington Room AB

- **2:00 p.m. to 3:30 p.m.** – Recommendations and Feedback (Debora Rivera, FDOT)

Adjourn – 3:30 p.m.