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 Speed limits 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.