Apply Now for Summer Internship Positions with OMP Companies
The Center of Excellence for Airport Technology (CEAT) is seeking undergrad or grad students majoring in engineering for Summer Internships with companies affiliated with the O'Hare Modernization Program (OMP) in the Chicago Area. The CEAT Internship Program is an initiative to provide qualified college students with summer internships with companies affiliated with the O'Hare Modernization Program. The participating companies affiliated with the OMP are engineering firms located in the Chicago/Metro area. For a complete list please see the CEAT website at: http://ceat.uiuc.edu. TO APPLY: send your resume to vdixon@uiuc.edu.

FAA-CEAT Program Meeting 2007
On January 30, FAA Program Manager, David Brill, and Al Larkin, also from the FAA, visited CEAT at UIUC to discuss this year’s projects and review the progress from 2006. CEAT had a favorable review with many students attending with posters on their projects. Click here to read more…

OMP-CEAT Kickoff Meeting 2007
The Center hosted a kickoff meeting for Year 2007 Research Projects at the OMP offices in Chicago on January 11. All Project Leaders and Graduate Students attended the event to discuss this year’s research plan with Program Managers at OMP. Click here to read more…

RESEARCH BRIEFS
All New CEAT Tech Notes…

Tech Note 34 – Fracture and Drying Shrinkage Properties of Concrete Containing Recycled Concrete Aggregate
The latest Tech Note is by V. Cervantes, Professor. J. Roesler, and A. Bordelon. Click here to learn more…

Tech Note 33 – Fracture Behavior of Functionally Graded Concrete Materials (FGCM) for Rigid Pavements
This Tech Note is authored by Professors J. Roesler and G. Paulino, C. Gaedicke, A. Bordelon, K. Park. Click here to learn more…

Tech Note 32 – Moisture and Temperature Curling Stresses in Airfield Concrete Pavements
This Tech Note is by R. Rodden, Professors J. Roesler and D. Lange. Click here to learn more…

Tech Note 31 – Alkali Silica Reaction of Candidate Aggregates for Concrete at O'Hare International Airport
This Tech Note is by F. Nelson. Click here to learn more…

Tech Note 30 – Assessment of Selected Mineral Admixtures for Mitigating Alkali Silica Expansion
This Tech Note is by F. Nelson and Professor L. Struble. Click here to learn more…

Tech Note 29 – Alkali Silica Reactivity of Selected Sands
This Tech Note is by F. Nelson and Professor L. Struble. Click here to learn more…

The complete list of CEAT Tech Notes can be found on the CEAT web site (http://ceat.uiuc.edu) under the Publications section, password-ceat.

OUTREACH AND TECHNOLOGY TRANSFER
Recent Grad Joins FAA New England Region Airports Division
January 2007
Amanda Kiser Wingerter completed her MS degree in December 2006 at UIUC and has started working as a civil engineer for the FAA New England Region Airports Division. Amanda had been working on the CEAT OMP research project with Dr. Herricks since January of 2006.  Click here to read more on the story…

Brown Bag Lunch Seminar Series at OMP
December 14, 2006
Bruce Branham presented, “Turf Management for Airports – A Primer on Species, Endophytes, and Wildlife Interactions”. Bruce is a Faculty member in the Department of Natural Resources and Environmental Studies at UIUC. He is a Co-PI for the CEAT Wildlife Safety and Horticulture Project sponsored by the OMP.

CONFERENCES AND EVENTS

Transportation & Highway Engineering (THE) Conference
February 20-21, 2007
Urbana, IL – University of Illinois at the Illini Union Building
Call for abstracts and more information on the conference, Click here to visit the site…

2007 FAA Worldwide Technology Transfer Conference and Exposition
April 16-18, 2007
Atlantic City, New Jersey
Call for abstracts and more information on the conference, Click here to visit the site…

AWARDS AND HONORS

Imad Al-Qadi
Received TRB Mickle Award
CEAT Faculty Imad Al-Qadi has been awarded Transportation Research Board’s (TRB) 2006 D. Grant Mickle Award for the outstanding paper in the field of operation, safety, and maintenance of transportation facilities. His paper is entitled, “Viscoelastic Model to Describe Mechanical Response of Bituminous Sealants at Low Temperature”. Click here to read more…

Professor Al-Qadi also has a published profile in TRNews issue Nov-Dec 2006 and was elected as an honorary member of the Societa Italiana Infrastructure Viarie, Italy.

CONTACT INFO

Thanks for reading our quarterly e-newsletter. For more information about the Center of Excellence for Airport Technology at the University of Illinois, visit http://ceat.cee.uiuc.edu/. The Director of CEAT is Prof David Lange: dlange@uiuc.edu. For questions or comments, send email to Vicki Dixon: vdixon@uiuc.edu.