



CEAT

BROWN BAG LUNCH SEMINAR SERIES

The **Center of Excellence for Airport Technology** Brown Bag Seminars provide an opportunity for CEAT faculty to present topics beyond the funded OMP projects. Everyone is invited to attend.

"Tieback Supported Excavations and Deep Foundations"

Presentation by James H. Long

Prof. Long will speak on research he is conducting on excavations and deep foundations. He will present results of model and full-scale tests on tied-back wall excavations and the impact on earth pressures and will also discuss wall deformations to settlements and damage potential to nearby structures. His presentation on deep foundations will focus on the axial capacity of driven piling including the accuracy of prediction methods, what affects pile capacity, and the impact on design.

James H. Long holds a B.S. (1976), M.S. (1981), and Ph.D. (1984), all in civil engineering at the University of Texas in Austin. He has been on the faculty of the department of Civil and Environmental Engineering at the University of Illinois since 1985. He is the Director of the Harry J. Schnabel Jr. Large Soil Model Test Laboratory. Dr. Long has taught graduate and undergraduate courses in geotechnical engineering. He also teaches classes on driven piling and drilled shafts that are offered nationwide by ASCE and FHWA. Dr. Long is a member of the American Society of Civil Engineers, the Geoinstitute, the International Society for Soil Mechanics and Geotechnical Engineering, the Deep Foundations Institute, the Pile Driving Contractors Association, the Association of Drilled Shaft Contractors. He serves on the Technical committee TC 23 on Limit State Design in Geotechnical Engineering Practice for the International Society for Soil Mechanics and Geotechnical Engineering. He also serves on the committee for developing Driven Pile Installation Specifications for the Pile Driving Contractors Association. He has also served as on other committees for American Society of Civil Engineering and for the Transportation Research Board.

12:00 – 1:00 pm, Thursday, May 21
OMP Conference Room
10510 West Zemke Rd., Chicago