



**DFI President Bob Bittner with departing trustees Maurice Bottiau and Kirk McIntosh**



## Hal Hunt Lecture

Grady Gammage, senior fellow at Arizona State University's Morrison Institute, among other titles, gave the Hal Hunt Lecture, offered each year to commemorate Hunt's interest in communication. Gammage focused on his city, Phoenix, saying that there is often a gap between technical people and the general public. He used the example of "myths" ingrained in perceptions about Phoenix and its sustainability.

Also at the traditional business luncheon, President Bob Bittner and John Wolosick, DFI's treasurer, offered reports on the state of the institute, while Technical Committee Chairs reported on their activities.

Professor Edward Kavazanjian of Arizona State University oversaw the annual student competition. **This year the goal was predicting the results of an O-Cell load test on a drilled shaft.** A production shaft was used, so it could not be taken to

failure. The prediction was for service loads, a much more challenging prediction than one for drilled pier capacity.

The six teams competing were UCLA, University of Nevada at Reno (UNR), Arizona State University, the University of Arkansas, the University of Oklahoma, and Washington State University. **UCLA finished first, UNR finished second and ASU finished third. The winning team received \$1,000 and team member, Ben Turner, presented their results.**

## Awards Banquet Benefits Educational Trust

Attendance at the banquet this year was included in the conference registration fee and over 250 people attended, providing the Trust with a donation from DFI of \$75 per person at the dinner. David Coleman, Educational Trust Chair, said the Trust has

produced a net income since inception of over \$1.7 million dollars while providing more than \$400,000 in scholarship awards to over 100 students. Coleman presented Trust awards to this year's paper competition winners and runners-up.

The DFI Educational Trust award for the Young Professors Paper Competition went to Armin W. Stuedlein, Ph.D., P.E., assistant professor and Loosley Faculty Fellow, Oregon State University, (OSU) Corvallis, Ore., and Seth C. Reddy, EI, graduate research student, OSU. The paper titled "Factors Affecting Reliability-Based Serviceability Limit State Design of Augered Cast-in-Place Piles in Cohesionless Soils," addresses factors affecting the reliability of augered cast-in-place (ACIP) piles under axial compression.

Stuedlein's Ph.D. is from The University of Washington (2008) in civil engineering, and his M.S. is from Syracuse University, and his B.S. from the State University of New York, College of Environmental Science and Forestry. Stuedlein is presently involved in an effort headed by the DFI Augered Cast-in-Place Pile Committee to identify a suitable capacity estimation method for use with building codes.

"Towards a Performance-Based Design of Drilled Shafts" was the runner-up paper by Kam Ng, assistant professor, University of Wyoming, Laramie, Wyo. Kam Ng obtained all three degrees in civil engineering from Iowa State University. He has developed Load and Resistance Factor Design (LRFD) procedures for driven piles and drilled shafts for the Iowa Department of Transportation.



**The exhibit hall drew many attendees during conference breaks**

