

## ALUMNI REGISTRATION & UPDATES

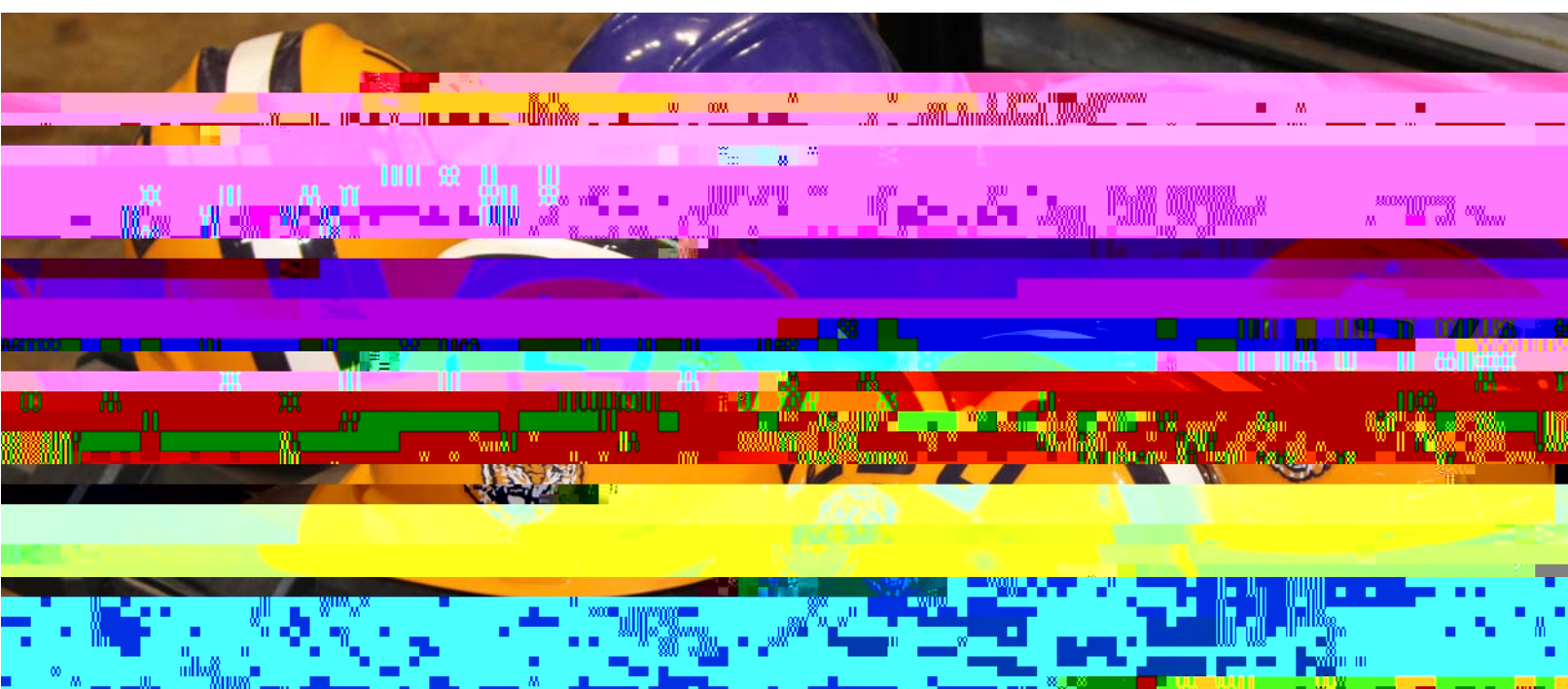
The Department of Civil and Environmental Engineering is always interested in how our alumni are doing. We hope you will take time to send your updates to [jmueller@lsu.edu](mailto:jmueller@lsu.edu) or, if you prefer, you can "snail mail" them to

Department of Civil and Environmental Engineering  
Louisiana State University

## FROM THE DEPARTMENT CHAIR

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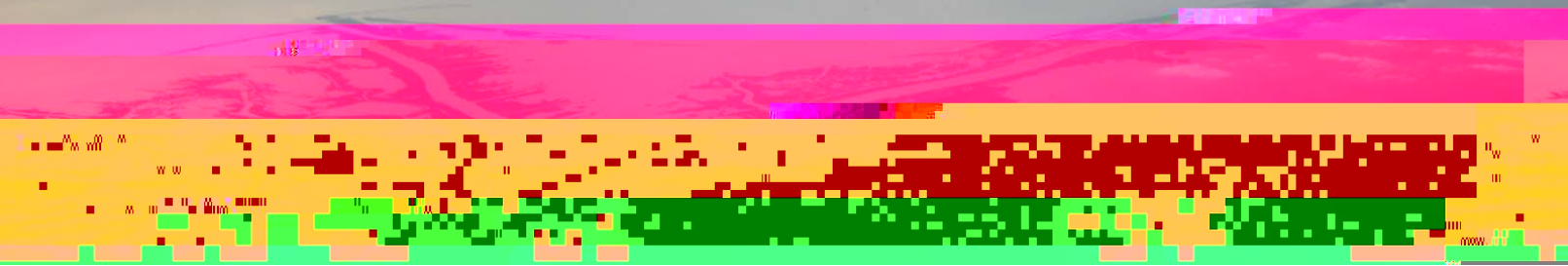
In this issue we share with you the myriad of activities in research and education taking place within the Department of Civil and Environmental Engineering since the Fall. Our faculty members continue to conduct cutting-











**T**he Department of Civil and Environmental Engineering (CEE) awarded its first MS in Coastal and Ecological Engineering degree in Fall 2012 to Andrew Woodroof. The program received the Louisiana Board of Regent's approval of the new MS in Coastal and Ecological Engineering program last summer and the new program was launched in Fall 2012. This program is jointly administered by the Department of Oceanography and Coastal Sciences.

"It is exciting to be the first to graduate in the program. I'm happy to complete the degree, being the first is a bonus,"

# The Dartez Family: Making a Significant Impact

**M**onday, January 28, 2013 was a big day for the Dartez family. Part family reunion, part campus visit, but mostly an opportunity to honor their parents and make a huge difference for deserving students for all time to come.

Ralph Dartez, Sr. had on his mind to make a significant gift to LSU to benefit civil engineering students for a couple of years. Changes on federal regulations did not facilitate his intentions, so he decided to pass along some of his estate to his four grown children. The kids decided to take a portion of their proceeds and help Dad achieve what he wanted. At their Christmas gathering in 2012, they told him they were contributing \$100,000 collectively to set up a scholarship in his honor. He was very touched, and details were ironed out to include their late Mother also. Thus, the L. Ralph and Jacqueline L. Dartez Scholarship in Civil Engineering was created.

On the big day, family came from far and near, back to their alma mater. From the Dallas, Houston and New Orleans areas, they drove to LSU to celebrate their dad's life, to remember their mom. Ralph Sr. beamed during lunch at the Faculty Club as his kids recounted his holding their feet to the fire to get college degrees. Ralph Dartez, Jr., Denise Faust, Michele Rooney and Ann Schober (accompanied by husband Andy) shared memories of LSU and spoke of the

importance of their degrees to their success. CEE Department Chair Dr. George Z. Voyiadjis thanked the family for establishing this generous scholarship, which will help students for all future generations. Longtime family friend (and now Chemical Engineering Department Chair)

**T**he Department of Civil and Environmental Engineering (CEE) is pleased to announce the appointment of John A. Graves as Chairman of the CEE External Advisory Board (EAB).

Graves, a long standing member of the EAB as well as a CEE Hall of Distinction inductee, received his bachelor of science in civil engineering from LSU in 1965. He is a Principal of Evans-Graves Engineers, Inc. responsible for plan production and management of all phases of projects undertaken by the firm.

The CEE Department would like to sincerely thank Ronald "Ron" Rodi for his outstanding years of service as Chairman of the EAB. Rodi was recently presented with a recognition award for his visionary leadership and extraordinary support of the CEE EAB. He will continue his membership of on the board and will remain a strong supporter of CEE at LSU.



consider how we can get people to think about how these different pieces fit together. This is where the Coastal Sustainability Studio comes in.

"For example, in creating visions for the future, Willson and

### CE Grad Student Trent Key Receives NSF Graduate Research Fellowship

The Department of Civil and Environmental Engineering would like to congratulate Trent Key on being a recipient of a National Science Foundation Graduate Research Fellowship. Key, currently a PhD student in civil engineering, graduated Summa Cum Laude with a Bachelor of Science in Environmental Engineering in December 2011



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# CE Senior Design Class Visits Army Corp of Engineers

Civil engineering Senior Design students visited the New

Once upon a time, the Mississippi River ran wild



(Left to Right) Dr. Anand Puppala, Dr. Mehmet Tümay, and Dr. George Z. Voyiadjis

including the UTA College of Engineering's "Research Excellence" Award in 2004-2005, the UTA College of Engineering's "Outstanding Young Faculty" Award in 2000-2001, the 2008 University Award for Outstanding Advisor and 2013 UTA Distinguished Researcher award.

Dr. Puppala also served as president of United States Universities Council on Geotechnical Education and Research (USUCGER) from 2007-2009. He was also a past Chair of American Society of Civil Engineers (ASCE)'s Geotechnical Institute's "Engineering Geology and Site Characterization" committee from 2003-2006. Dr. Puppala is extensively involved with the National Academy of Science's Transportation Research Board (TRB) since 1992. He recently served as the chairman of TRB committee on "Soil and Rock Instrumentation (AFS 20) (2006-2012)."

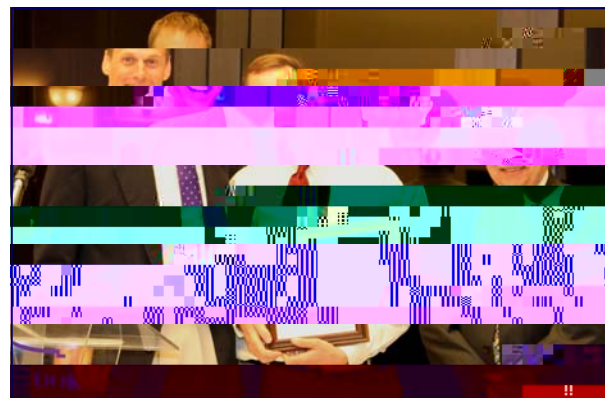
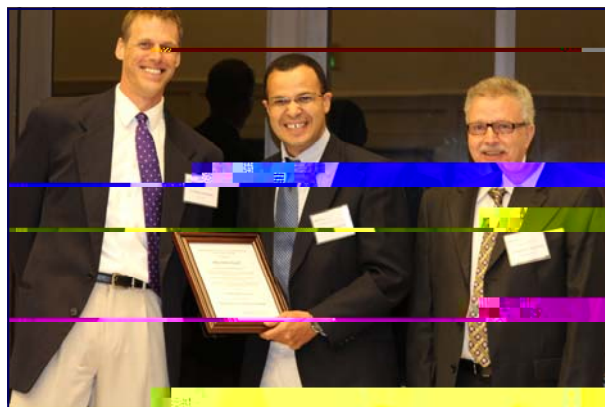


(Left to Right) Dr. Anand Puppala, Dr. Mehmet Tümay, and Recep Yilmaz

Research conducted by Dr. Puppala include stabilization of expansive soils, sustainable utilization of recycled materials, dams and embankments, in situ intrusive methods for site characterization, and pavement material characterization studies. His research is highly regarded by the professional community, as evidenced by his scholarly record of 6 book chapters, 125 journal and geotechnical special publications, 30 refereed conference papers, 48 non-refereed conference papers and 30 technical reports. Dr. Puppala has supervised 14 doctoral and 40 masters

students. He was an invited keynote speaker at several major conferences world-wide.

Dr. Puppala is a current editorial member for several journals including American Society of Testing Materials' Geotechnical Testing Journal, American Society of Civil Engineers' Journals of Materials and ASCE Journal of Geotechnical and Geoenvironmental Engineering and a chief editor of Thomas Telford's Ground Improvement Journal (UK). He also edited several books including ASCE's Geotechnical Special Publication on Site Characterization.



Faculty award recipients pictured with CEE Professor Dr. Brian Wolshon (left) and Department Chair Dr. George Z. Voyiadjis (Right): (top) Dr. Mostafa Elseifi, (middle) Dr. John Pardue, and (bottom) Dr. Bill Moe

Department of Civil and Environmental Engineering

## Hall of Distinction Banquet

In May 2013, the Department of Civil and Environmental Engineering (CEE) held its annual Hall of Distinction Banquet at the Lod Cook Alumni Center to honor its latest inductees: Dr. Taehyo Park (2012), Paul Fossier Jr. (2013), and Dr. Anand Puppala (2013). In addition to the inductees and their guests, also in attendance were current CEE Hall of Distinction members, members of the CEE External Advisory Board, and CEE faculty and staff.

Including the three recent inductees, the CEE Hall of Distinction now includes 30 members. Initiated in 2001, CEE established the Hall of Distinction to recognize individuals who have made stalwart contributions to the profession. Candidates are carefully selected based on distinguished professional achievement and service in civil and environmental engineering. In honoring these individuals, the department intends, through them, to

(2004-2006), Korean Society of Civil Engineers (2005-2006), and a trustee at Korean Society of Civil Engineers (2006-2007). Dr. Park has produced 27 graduate students (6 PhD. and 21 M.S.) under his direction and has supervised 6 postdoctoral research fellows. He and his wife Hyesook Jung reside in Seoul, Korea with their daughter Noel.

## Paul Fossier, Jr. (2013)

prestigious World Class University (WCU) project sponsored by the Korean Ministry of Education, Science and Technology in 2009. The first one in the civil engineering discipline, this project grant amounts to over \$3 million for 5 years and one of the biggest projects of the KRF. Through this project, Dr. Park promoted the dual degree program between Department of Civil and Environmental Engineering of Hanyang University and Department of Civil and Environmental Engineering of LSU.

Dr. Park's primary research areas include mechanics of materials and computational mechanics. He has conducted extensive studies on mutiscale methods of composite materials and related researches. Dr. Park's current research interests include computational multiscale simulations using multiphysics and parallel algorithms. In addition to research, he also administrated the international mini symposium related to computational multiscale (held in Hanyang University in 2012). Dr. Park has published over 70 international journal papers and he owns 3 Korean patents to his credit. He has also received the best paper awards from Computational Structural Engineering Institute of Korea (COSEIK), Korea Concrete Institute (KCI), Korean Society of Civil Engineers (KSCE).

Dr. Park is currently the vice president of the Korean Society of Civil Engineers and the vice president of the Computational Structural Engineering Institute of Korea. He has been serving on the editorial boards of Korea Concrete Institute (2003-2004), Korean Society of Steel Construction

Pontchartrain Twin span bridges following Hurricane