

ITE TAMUK
Student Chapter Annual Report
2012



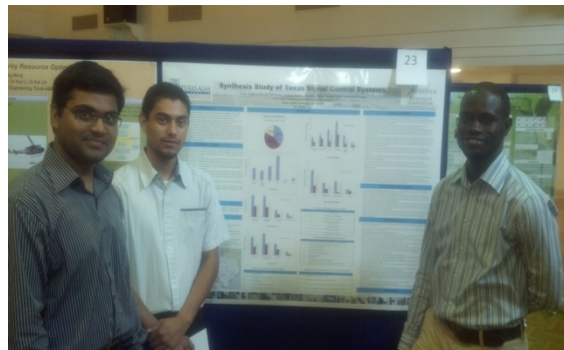
The Texas A&M University-Kingsville ITE student chapter is pleased to present our Annual Report for the 2012-2013 school year. Officers for the previous year were re-elected and are; Leslie Doodoo, President; Hanming Zhou, Vice-President; Harsha Kalyan Penumala, Treasurer; and Deepesh Raj Dawadi, Secretary. We have ten (10) student chapter members and three (3) student members of the institute. Dr Dazhi Sun is our Chapter Advisor and our faculty only member of the institute. The highlights of the year are presented below:



The first meeting of the chapter kicked off with the chapter welcoming a visiting professor from China-Dr Le Ren. She conducted a presentation on Left-Turn Waiting Area Applications in Shanghai, China. This unconventional treatment of an over-saturated intersection was very insightful. Student members are exploring the applicability of this treatment in the United States.

Student Chapter members attended the 3rd Annual Regional Conference of ITE-South Texas Section in Corpus Christi on September 21, 2012. Presentations were mainly focused on Eagle Ford Shale Infrastructure Impacts. Leodoro Martinez-Executive Director of Middle Rio Grande Development Council and Chairman of the Eagle Ford Shale Consortium, Danny Magee-TxDOT Laredo District Director of Transportation, Thomas Turnstall, PhD-Director of UTSA Center for Community/Business Research all gave presentations on Eagle Ford Shale. Bobby Balli, TBPE Board Member; Vice President—HNTB gave a presentation on Professional Practice Update/Ethics.

Three student members presented at the 4th Annual Javelina Research Symposium at Texas A&M Kingsville on October 18, 2012 and at the 10th Annual TAMUS Pathways Student Research Symposium. The presentation was titled: "Texas Traffic Signal Control Systems".



The chapter invited Danny Magee who's also alumni of the university to give a presentation on Impacts on Traffic and Safety in the Eagle Ford Shale Region. Mr.

Magee's TxDOT district encompasses several counties experiencing oil and gas drilling activities and thus has first-hand information on the impacts to safety of roads in the region.

A parking generation proposal was prepared by student members and submitted to ITE for in response to the request for proposals advertised by ITE.

On November 7, 2012, student chapter members conducted traffic data collection at the intersection of SH 361 and FM 1069. The study was conducted in conjunction with the TxDOT Corpus Christi District. The traffic situation at the intersection had deteriorated and was thought to have emanated due to a new 400-acre fabrication Kiewit Plant built along the Quinta ship channel. The chapter was tasked to provide a solution to the unbearable congestion experienced at intersection. Data taken was analyzed using VISSIM.



A presentation on the use of the microwave radar for vehicle counts and traffic data was given by Dr Dazhi Sun on February 19, 2013 to student members. This presentation was very insightful.

Four ITE student members attended a workshop on Street Improvement conducted by the Public Works Department of the City of Kingsville, which was held on March 4, 2013 at the City Hall Commission Chamber. The workshop discussed the City's Streets, Curb & Gutter and Drainage conditions, maintenance, construction and financing.

The growing carnage and economic boom in South Texas due to activities at the Eagle Ford Shale prompted the chapter to visit the region. Also, the Eagle Ford Center for Education, Research, and Outreach at the Texas A&M University-Kingsville has scheduled a workshop dubbed: "Sustainable Eagle Ford Shale Community Infrastructure" and thus the ITE student chapter has been tasked to present some research on Transportation and Road Safety at the workshop this April.

