COE Students Reap Rewards at Annual ACES Celebration

The University of Texas at Arlington’s Annual Celebration of Excellence by Students (ACES) award ceremony, held on March 23, highlighted a number of COE students and their advisors.

*Graduate Sustainability Award*

- Graduate Sustainability Award
  Student: Mohamm Jahangir Moghadam (Electrical Engineering)
  Title: “Infrared Imaging Detection of Oil Slick Heat Signature Patterns”
  Faculty Mentor: Professor Kambiz Alavi

*Undergraduate Oral Presentation*

- Provost’s Award
  Student: Richard Eiland (Mechanical Engineering)
  Title: “Filter Life Characterization for Blower Assembly of Outdoor Telecommunication Shelters”
  Faculty Mentor: Dr. Dereje Agonafer

- Honorable Mention
  Student: Kalyn Panizo (Industrial Engineering)
  Title: “A Preliminary Study that Examines the Ability of People to Generate Hand Torques on Handles of Different Shapes”
  Faculty Mentor: Dr. Shiek Imrhan

*Graduate Poster Presentation*

- President’s Poster Award
  Student: Lee-Chun Su (Biomedical Engineering)
  Title: “In Situ Re-endothelialization via UPE Nano-particle Scaffolds”
  Faculty Mentor: Dr. Kytai Nguyen, Dr. J. Yang

- Graduate Dean’s Poster Award
  Student: Golam Kibria (Civil Engineering)
  Title: “Effects of Backfill Soil on Excessive Movement of MSE Wall”
  Faculty Mentor: Dr. Sahadt Hossain, P.E.
Graduate Afternoon Oral Presentation

• Graduate Dean’s Award
  Student: Jennifer E. S. Bell (Biomedical Engineering)
  Title: “Characterization of Experimental Spinal Cord Injury Caused by Graded Bidirectional Spine Distraction”
  Faculty Mentor: Dr. Mario Romero-Ortega

• Honorable Mention
  Student: Huda Shihada (Civil Engineering)
  Title: “Estimating In-Situ Moisture Content of Municipal Solid Waste Using Electrical Resistivity”
  Faculty Mentor: Dr. S. Hossain

• Honorable Mention
  Student: Vikrant Sharma (Biomedical Engineering)
  Title: “Optical Biopsy Approach for Prostate Cancer Diagnosis”
  Faculty Mentor: Dr. Hanli Liu

Graduate Morning Oral Presentation

• President’s Award
  Student: Sanchali Deb (Electrical Engineering)
  Title: “Endoscopic Implantation of Gastric Devices and Endoscopically Implantable Gastrostimulator”
  Faculty Mentor: Jung-Chih Chiao