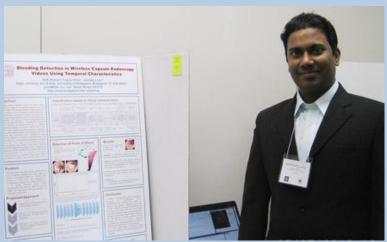
UB engineering students win first place at the American Society of Engineering Education Competition for third year in a row

Published on Monday, May 10, 2010 What's the best way to engineer a win?

University of Bridgeport School of Engineering students have the formula: for the third year running, they have captured first place and other top awards at the annual American Society for Engineering Education (ASEE) Competition, which was held May 7-8 at Wentworth Institute of Technology in Boston, MA.

"We are very proud of this unprecedented achievement, having won the first prize for three consecutive years," said Engineering School Dean Tarek Sobh.



UB engineering student Ajith Kumar and his partner Ying-ju Chen (not in photo) won first prize at the annual American Society for Engineering Education competition of graduate school research work. Their project features microscopic cameras that can photograph the insides of intestines after being ingested in a pill.

In 2008, UB students swept the ASEE's so-called Student Poster Competition, featuring graduate research projects, when the competition was held at the U.S. Military Academy at West Point. Last year, University students again captured the top prize when the ASEE event was held at the University of Bridgeport.

The ASEE is organized by regions. As they have in the past, UB students competed against Northeastern University, UMass, University of New Haven, Boston University, and other college and university teams that are located in the ASEE northeast region.

UB graduate students Ajith Kumar and Ying-Ju Chen were the 2010 first-place winners in the ASEE Student Poster Competition. Their project, "Bleeding Detection in Wireless Capsule Endoscopy Videos Using Temporal Characteristics," captures pictures of the insides of the intestines using miniature cameras that are ingested in a pill. Kumar and Chen were advised by professor Dr. Jeongku Lee.

"They take a video of the intestines to see if there is bleeding or other problems," said Sobh.

In addition, UB students Manan Joshi and Madhumitha Iyer won third place in the Student Poster Competition for their research project, "Effects of Gender, Accent and Localization on Speech Intelligibility in Multiple Speaker Environment."

Their research focuses on audio-signaling processing. They were advised by engineering professor Dr. Navarun Gupta.