

UB engineering students win first place at the 2011 American Society of Engineering Education Competition for the fourth year in a row

It was a championship weekend for University of Bridgeport students. On April 29, 2011, UB engineering students swept the American Society for Engineering Education (ASEE) Northeast Conference by capturing all top prizes with their research in the fields of robotics, computers, and engineering.

The ASEE is organized by regions. As they have in the past, UB students competed against the University of New Haven, Olin College, Fairfield University, the University of Hartford, Yale, and other college and university teams that are located in the US northeast region.

In 2008, UB students swept the awards when the conference was held at the U.S. Military Academy at West Point. In 2009, University students again captured the top prize when the ASEE event was held at the University of Bridgeport; and last year UB also won the competition at Wentworth Institute of Technology.

This is the fourth year in a row that UB teams have won the ASEE competition, which is held each spring and organized by regional divisions across the United States.

All three top graduate poster prizes went to UB students:

- 1st prize went to Greenwood (Advisor: Prof. Kongar)
- 2nd prize went to Gerety (Advisor: Prof. Elleithy)
- 3rd prize went to Bhosale, Aphale, Macwan and Rane (Advisor: Prof. Patra)

In addition, out of 5 honorable mentions, 4 went to UB students:

- Velusamy (Advisor: Prof. Xiong)
- Abdelfattah (Advisor: Prof. Mahmood)
- Ozenc (Advisor: Prof. Kongar)
- Xia (Advisor: Prof. Xiong)

The second and final competition at the ASEE 2011 Conference was the best graduate research paper awards. There was a total of 34 research papers accepted for presentation at the conference from the northeast region; and UB students authored 19 of these papers.

Unprecedentedly, UB students won *all* three awards. The awardees and their advisors are:

- First Prize: Akash Sheth, Madhav Patil (Advisor: Yakov Toporovsky). Paper: Implementation of a Robotic Conveyor Assembly Line with a Vision. Camera Using Two Different Coding Techniques and Comparison of Their Performance Parameters.
- Second Prize (shared by two student papers): (1) Kireeti Gudipati (Advisor: Navarun Gupta) Paper: Target State Estimation using Extended Kalman Filtering Techniques; (2) Madhumitha Iyer (Advisors: Navarun Gupta and Lawrence Hmurcik). Paper: Collaboration Between Universities and Schools to Enhance Computer Literacy in Middle Schools.

In this category, there were no honorable mentions.

This makes it six for six; all three graduate research poster awards and all three graduate research paper awards. In addition to 4 out of 5 honorable mentions in the graduate research poster category!

Another set of numbers that is interesting: there were 40 professional research papers [Faculty work] accepted in the conference, and presented today from the NE region. Out of these, 11 were from UB Faculty, accounting for more than 25% of all accepted Faculty research papers from the whole northeastern US region.

And finally, the icing on the cake: Prof. Navarun Gupta was re-elected to be the Chair of Northeast Section of the ASEE for the upcoming year (2011-2012).