

**ISEE 2006-07** 

## **Additional Scholars' Questions**



•How do students manipulate language to present technical projects to non-technical audiences? (Kami Carey, Howard U.)

•How do hands-on laboratory experiences enhance learning compared to computer simulations for a culturally diverse student population in a linear control undergraduate course? (Marcel Castro, Howard U.)

•What core values in engineering practice align themselves with the UN's challenges for engineering in the 21st century? (George Catalano, SUNY Binghamton)

•What effect does a structured mentoring program have on the performance of first year engineering students from urban, public high schools? (Sharon Jones, Lafayette College)

•What is the impact of case studies used in a laboratory course on student motivation? (Stephanie Luster-Teasley, NCA&T)

•What is important to those who decide late that they want to get into engineering? (James McGuffin-Cawley, Case Western Reserve U.)

•What challenges do transfer students who enter engineering at a 4-year university from a community college setting face? (Lorelle Meadows, U. of Michigan – Ann Arbor)

•How do students who enter as undecided engineers decide to enroll in a specific discipline? (Donna Michalek, Michigan Technological U.)

•What are the most meaningful experiences that motivate Hispanic students to transfer from Texas community colleges to a 4-year engineering program? (Jaime Hernandez Mijangos, Texas State U. – San Marcos)

•How does undergraduate engineering work experience affect students' course choices, transition to industry, and job satisfaction? (Carol Stwalley, Purdue U.)

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