

Educating Ethical Engineers



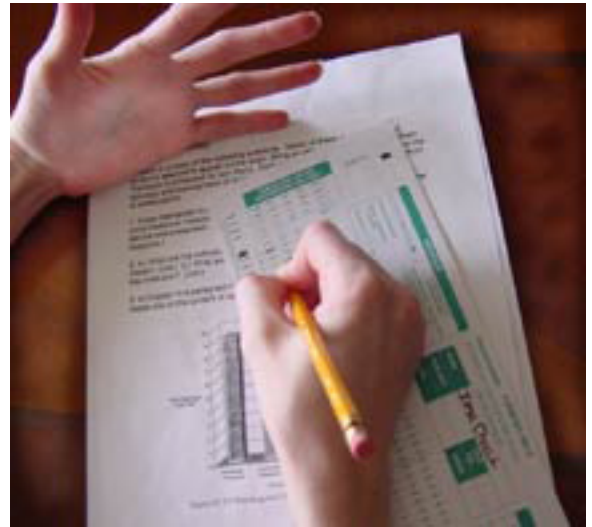
Cynthia Finelli, *University of Michigan*

Wednesday, April 1, 2009

4:30pm – Adamson Wing

136A Baker Hall

In today's society, the need to graduate engineers who are conscious of their **ethical and professional responsibilities** is more important than ever. This is especially difficult given the current media environment that publicizes high-profile lapses in professional judgment but provides few positive role models for students. While engineering programs have made significant strides to incorporate **ethics instruction into the engineering curriculum** – thus balancing some of the negative press and offering a framework on which students may base their behavior – there is little evidence about which approaches most positively affect ethical development.



Dr. Cynthia Finelli is part of a multi-institutional research initiative that, over the past eight years, has partnered with 20 institutions, surveyed 1300 students, and conducted in-depth focus groups with more than 75 students to address this issue. In this session, Dr. Finelli will present findings from her team's research and discuss how engineering educators can use the resulting evidence-based strategies to move from teaching about ethics to **developing ethical professionals**.

Co-sponsored by Carnegie Institute of Technology (CIT)