

COLLEGE OF ENGINEERING
Department of Electrical and Computer Engineering and Computer Science

SUMMER RESEARCH OPPORTUNITIES
FOR UNDERGRADUATE WOMEN

APPLICATION DEADLINE: MARCH 1, 2005

The Department of Electrical and Computer Engineering and Computer Science is pleased to offer the following research project for the summer of 2005. Interested students are urged to contact the faculty member(s) directing the project that most interests them. By contacting the faculty member, you can discover more about the project, learn what your responsibilities will be and if possible, develop a timetable for the twelve-week research period.

Circuit Synthesis

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Circuit synthesis is the process of automatically generating circuit designs given function and performance specifications. We develop algorithms and CAD software to synthesize digital, analog and mixed-signal circuits. You will work with one or more graduate students to understand and develop circuit synthesis software.