

# ESCAPE: Experimental Study on Computer Architecture and Performance Evaluation



## RESEARCH EXPERIENCES *for* UNDERGRADUATES

May 31 – August 6, 2011, The University of Texas at San Antonio

**Stipend: \$5,000 for 10 weeks**

**Additional funds available for housing, food and travel expenses**

This is a 10-week UNDERGRADUATE research program in the area of Microprocessor Design (Computer Architecture and Performance Evaluation). The program is designed for undergraduate students majoring in Electrical and/or Computer Engineering, Computer Science or any related fields. **10 students** will be selected; and each student will work with other REU students on a team, under the guidance of faculty mentors.

### Program Requirements:

- Students must be U.S. citizens or permanent residents
- Students must be in good academic standing (minimum GPA: 3.2/4.0)
- Minorities, women, and people with disabilities are especially encouraged to apply

### Research topics:

- Workload Characterization
- Multi-core / Multithreading
- Interconnection Technologies
- Early-stage Power Estimation
- Low Power VLSI / Architecture Design
- GPGPU, Mobile Applications, etc.

### Application:

- Application Deadline: **March 21, 2011**
- Acceptance Notification: March 28, 2011
- Qualification: Juniors or seniors majoring in Electrical Engineering, Computer Engineering, Computer Science, or any related fields.

FOR DETAILED INFORMATION PLEASE VISIT: <http://www.ece.utsa.edu/~escape>



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