Research Opportunities (Fall 2012)

- **Post-Doctoral Research Scholar**

The Electrical Engineering department at the USF College of Engineering Tampa campus cordially invites candidates with a Doctoral degree in Electrical Engineering, Computer Engineering, or Physics to apply for a Post-Doctoral Research Scholar position. This is a full-time (temporary) position that may be renewed annually depending on satisfactory performance and funding availability up to a maximum of three years. Health insurance benefits will be offered through the USF postdoctoral scholar health insurance program. In this capacity, the Post-Doctoral Researcher will be mentored through extensive research and will gain professional experience necessary to pursue his/her chosen career path.

The candidate should have research interests/expertise in:

- VLSI design (i.e. microchip design)
- System on a chip
- Analog and digital circuits, models, and simulation.

Individuals with expertise/research interests in **one or more** of the above areas are encouraged to apply, although not to the exclusion other related areas. The scholar must have a U.S. Citizenship to be considered (required by funding agency). The salary will be **negotiable** depending on the scholar’s experience and potential for research related to the grant project. **Applications will be submitted through the CAREERS@USF website** [www.employment.usf.edu](http://www.employment.usf.edu). A cover letter, curriculum vita with emphasis on research goals and past research accomplishments, and two letters of recommendation must be attached to the application.

- **Three Graduate Research Assistantships**

Dr. V. K. Jain in the Electrical Engineering department is seeking three graduate research assistants to work up to 20 hours a week (PhD. or M.S. degree seeking in Electrical Engineering). Two of the three positions will require U.S. Citizenship (funding agency requirement). Interested applicants must provide a one-page vita, list of graduate courses taken, areas of interests, and other academic/research strengths. Preferable areas of interest include VLSI design (i.e., microchip design), System on a chip, and Analog and digital circuits, models, and simulation. Individuals with expertise/research interests in **one or more** area are strongly encouraged to apply. Graduate courses are offered in all of the above areas. The graduate research assistants can take one or more of these courses depending on their interests.

Deadline to apply: Open until filled

**Contact:** Dr. V. K. Jain, Distinguished Professor  
EE Department, USF  
Phone: (813) 974-4741, Email: jain@usf.edu  
Office: ENB 372

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