

## Graduate Student Research

### Master's Degree Program

Makesh Loganathan, MS with thesis Dec 2003

*Cell Clinics: Integrated Circuits for Interface to Electrically Active Cells*

Suvarcha Malhotra, MS with thesis Dec 2003

*Cell Clinics: Integrated Circuits for Interface to Electrically Active Cells*

RISE Graduate Fellow, Summer 2003, *Measuring and Modeling Performance and Efficiency of Integrated Electronic and Optoelectronic Circuits*

Somashekar Bangalore Prakash, MS May 2004, currently PhD candidate (see below)

Yiming Zhai, MS with thesis December 2004, currently PhD candidate (see below)

*Adaptive VLSI Circuits for System Identification*

### Doctoral Degree Program

Marc Peralte Dandin, Fall 2005 – present:

*Advanced Materials and Processes for Biocompatible Packaging and Spectral Filtering.*  
Co-advised with Dr. Elisabeth Smela, Mechanical Engineering / Small Smart Systems.

Alfred Haas, Sep 2003 – present:

*Integrated Address Event Imager for Particle Detection*

Honghao Ji, PhD Summer 2006:

*Integrated CMOS optical sensors for fluorescence detection and contact imaging*

Jean-Marie Lauenstein, Sep 2005 – present:

NASA GSFC Intern, *Radiation Effects on Submicron CMOS Integrated Circuits*

Nicole Nelson, Jan 2004 – present:

*Cell Clinics: BioMEMS Packaging and Characterization of Cultured Cells.*

Somashekar Bangalore Prakash, Sep 2003 – present:

*Cell Clinics: Integrated Circuits for Interface to Electrically Active Cells*

David Sander, Sep 2004 – present:

*Integrated Imager for Particle Steering*

Anshu Sarje, Sep 2006 – present:

*Cell Clinics*

YanYi L. Wong (formerly Eric Tan), Feb 2003 – present:

*Automatic Adaptation of Floating Gate Circuits.*

Peng Xu, Sep 2003 – present:

*Cell Clinics: Physical Information Efficiency in Blowfly Vision.*

Yiming Zhai, Jun 2003 – present:

*Adaptive VLSI Circuits for System Identification.*