Dr. Onur Tigli’s BioMEMS lab is looking for highly motivated PhD students in MEMS and VLSI areas to pursue their degrees in Electrical and Computer Engineering program at University of Miami. They will be conducting research in bioMEMS, Biomedical Implantable Devices, CMOS-MEMS, Sensors, System-on-a-Chip, Microfluidics, Energy Harvesters, Mixed-Signal Design, and Nanotechnology at our state-of-the-art facilities.

The skills required are: 1. Working experience in MEMS and VLSI 2. Hands-on clean-room experience (photolithography, etching, deposition, microscopy etc.) 3. Experience in using Computer Aided Design (CAD) and finite element modeling (FEM) software for engineering 4. The candidates should have a Masters degree in Electrical/Computer Engineering (preferred) or Mechanical Engineering. Interested candidates with degrees in Chemical Engineering, Materials Science, Physics, Chemistry, or Biochemistry are also encouraged to apply. Competitive Graduate assistantships with full tuition waivers are available for qualified students.

Please contact Dr. Onur Tigli at tigli@miami.edu with your resume. For more information on the research projects in our labs visit http://coe.miami.edu/tigli/.