

Computer Engineering Faculty

**PROFESSORS**

**[Menvuk, Curtis](#)**

University of California Los Angeles; Computational and theoretical modeling of optical and electronic systems, Short-pulse laser systems, Nonlinear optics, Optical fiber communications systems, Optical fiber technology, high-performance clocks and oscillators.

**[Pinkston, John](#)**

PhD, Massachusetts Institute of Technology; Information Assurance, Superconducting Electronics, Digital Signal Processing, Coding Theory, Antennas.

**ASSOCIATE PROFESSORS**

**[Phatak, Dhananjay](#)**

Ph.D., University of Massachusetts, Amherst; Mobile and high-performance computer networks; computer arithmetic algorithms and their VLSI implementations; signal processing; neural networks, their applications and efficient implementations; digital and analog VLSI design; and CAD.

**[Younis, Mohamed](#)**

Ph.D., New Jersey Institute of Technology; Fault-tolerant computing, operating systems, real-time systems, distributed systems, embedded computer systems, compile-time analysis, engineering of complex computer systems, programming languages, systems integration, reliability modeling, analysis and formal methods in software engineering.

**ASSISTANT PROFESSORS**

**[Patel, Chintan](#)**

Ph.D., University of Maryland, Baltimore County; VLSI design and test.

**[Tinoosh Mohsenin](#)**

Ph.D., University of California, Davis, 2010. Algorithms, architectures and VLSI design for high performance and energy-efficient computation that support communication, signal processing and biomedical applications.

**[Robucci, Ryan](#)**

PhD, Georgia Institute of Technology; analog and mixed-signal VLSI; CMOS image sensors; programmable and reconfigurable circuits; sensor interfacing and networking; image processing; real-time, mixed-mode signal processing; biologically-inspired systems; information theory; and computer-aided design and analysis of complex mixed-signal processing systems.

**[Gymama Slaughter](#)**

Ph.D., Virginia Commonwealth University, 2005. Sensor-processor integration, wireless network and communications, biological system, bioelectronics design and theory, and the design of implantable biosensor systems.

**PROFESSOR OF PRACTICE**

**[E.F. Charles LaBerge](#)**

Ph.D., Electrical Engineering, University of Maryland, Baltimore County, 2002. Communication and Signal Processing.