

Computer Engineering Faculty

PROFESSORS

[Menyuk, 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.

PROFESSOR OF PRACTICE

[E.F. Charles LaBerge](#)

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