

ELECTRICAL AND COMPUTER ENGINEERING

17 Hillhouse Avenue, 203.432.4220

M.S., M.Phil., Ph.D.

Chair

Jung Han

Director of Graduate Studies

Hong Tang (hong.tang@yale.edu)

Professors Hui Cao,* Ronald Coifman,† James Duncan,* Anna Gilbert,† Jung Han, Liangbing Hu, Roman Kuc, Rajit Manohar, A. Stephen Morse, Kumpati Narendra (*Emeritus*), Daniel Prober,* Lawrence Staib,* Hong Tang, Leandros Tassiulas, J. Rimnas Vaisnys (*Emeritus*), Fengnian Xia

Associate Professors Amin Karbasi, Jakub Szefer

Assistant Professors Dionysis Kalogierias, Mengxia Liu, Owen Miller,* Priyadarshini Panda, Shreya Saxena*

* A secondary appointment with primary affiliation in another department or school

† A joint appointment with another department

FIELDS OF STUDY

Fields include biomedical sensory systems, communications and signal processing, neural networks, control systems, wireless networks, sensor networks, microelectro-mechanical and nanomechanical systems, nanoelectronic science and technology, optoelectronic materials and devices, semiconductor materials and devices, quantum and nonlinear photonics, quantum materials and engineering, computer engineering, computer architecture, hardware security, neuromorphic computing, and VLSI design.

For degree requirements and courses, see Engineering & Applied Science.