Chris Xu is Professor of Applied and Engineering Physics, Cornell University, and the Mong Family Foundation Director, Cornell Neurotech. Prior to Cornell, he was a member of technical staff at Bell Laboratories. He received his Ph.D. in Applied Physics from Cornell University. His current research areas are biomedical imaging and fiber optics. His research is supported by major grants from NIH, NSF, DARPA, and IARPA. Dr. Xu has chaired or served on numerous conference organization committees and NSF/NIH review panels. He has served as Associate Editor for Biomedical Optics Express, and is on the editorial boards of several journals. Besides journal and conference publications (> 260), he has 30 patents granted or pending. He has won the NSF CAREER award, Bell Labs team research award, and the Tau Beta Pi and two other teaching awards from Cornell Engineering College. He is a fellow of the Optical Society of America, and a fellow of the National Academy of Inventors.