Kevin Fu is Professor of Electrical & Computer Engineering, the Khoury College of Computer Sciences, and Bioengineering at Northeastern University in Boston where he directs the Archimedes Center for Healthcare and Medical Device Cybersecurity. His laboratory protects medical devices from cybersecurity threats that could otherwise disrupt patient care. Fu's 2008 research on vulnerabilities in implantable cardiac defibrillators prompted improvements at medical device manufacturers, global regulators, and international safety standards bodies. His pacemaker research also inspired an episode of Homeland. Before joining Northeastern University, Fu served as the inaugural Acting Director of Medical Device Security at FDA's Center for Devices and Radiological Health (CDRH) and program director for cybersecurity at FDA's Digital Health Center of Excellence. Fu received his B.S., M.Eng., and Ph.D. from MIT.

Fu's work has earned him honors, including ACM Fellow, IEEE Fellow, AAAS Fellow, Sloan Research Fellow, MIT Technology Review TR35 Innovator of the Year, a Fed100 Award, and an NSF CAREER Award. He also received an IEEE Security & Privacy Test of Time Award for his pacemaker security research, as well as best paper awards from USENIX Security, IEEE Security & Privacy, and ACM SIGCOMM. Fu has testified in the House and Senate on matters of information security and was commissioned by the National Academy of Medicine to publish a report on trustworthy medical device software. He served as the co-chair of the AAMI cybersecurity working group to create the first FDA-recognized consensus standards to improve the security of medical device manufacturing. Fu advises medical device and pharmaceutical manufacturers on cybersecurity regulations for operational technology.