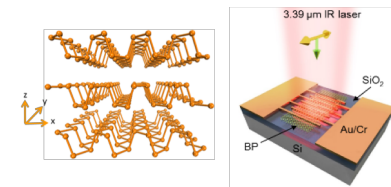




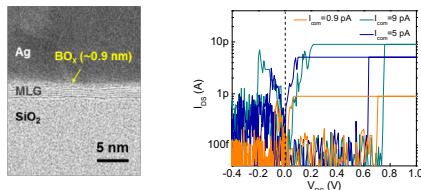
- Assistant Professor, Electrical and Computer Engineering
- Ph.D. in EECS, MIT (2013); B.A. in EE, Cambridge University (2007)
- CS MANTECH Best Student Paper Award (2010)
- IEDM Roger A. Haken Best Paper Award (2012)
- MIT EECS Outstanding Doctoral Thesis Award (2013)
- *Nano Research* journal Best Paper Award (2017)
- NSF CAREER Award (2017), ARO Young Investigator Award (2018), USC Viterbi Junior Faculty Research Award (2018), IEEE Nanotechnology Council Early Career Award in Nanotechnology (2019)

Research interests:

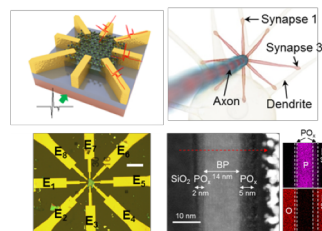
- Two-dimensional materials electronics and photonics
- Black phosphorus for mid-infrared sensing, detection and tracking
- New memory devices for emerging computing systems
- New methods for ultrafast (picosecond) imaging and photography



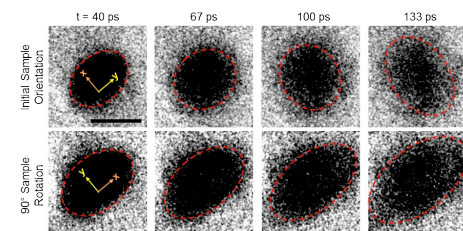
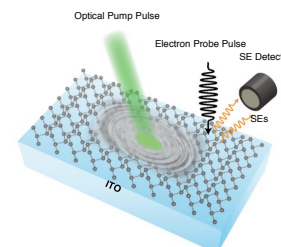
Black Phosphorus for Mid-IR Sensing



Sub-femtojoule resistive memory



Memristive Devices for Neuromorphic Computing



New Methods for Ultrafast Imaging