Dr. Scott T. Block received his B.S. in Mechanical Engineering from the University of Illinois at Urbana- Champaign in 2006, M.S. degree in Electrical Engineering from Texas Tech University in 2010, and PhD degree in Electrical and Computer Engineering from the University of California at Davis in 2017. He has held internship positions at MEMS startup companies Chirp Microsystems (ultrasonic gesture systems) and Picosense Inc. (magnetic sensing of the heart). His research interests include mixed-signal CMOS circuit design, MEMS, W-to-nW sensor interfaces, energy harvesting, and power electronics. He designed, fabricated, and tested 3 different versions of nW mixed signal front-ends for MEMS microphones and accelerometers used as a trip sensor for UC Davis’ entry to the N-ZERO DARPA project. He also contributed heavily to the proposed design for Phase 2 of the N-ZERO project. Dr. Block is relocated to Lubbock TX and will serve as a research associate for the proposed AMBIENT project.