

## **BIOGRAPHY**

Cody Gonzalez is an Assistant Professor in the Department of Mechanical Engineering at the University of Texas at San Antonio. He received his B.S. in Mechanical Engineering from the University of California, Riverside in 2016 and his M.S. and Ph.D. in Mechanical Engineering from Penn State in 2021. He is also the recipient of an Alfred P. Sloan Foundation Minority Ph.D. Program Fellowship. His research centers on device level design of energy harvesters and electrochemical actuators. He also focuses on applying design optimization techniques to analytical models and simulations to inform optimal experimental designs. Applications include high sensitivity current detectors and environmentally friendly battery based robotics. He has nine archival publications and one provisional patent. Topics of interest include high sensitivity magneto-mechano electric (MME) energy harvesting; analytical modeling of segmented, multilayer, multimember actuators; and development of next generation aqueous battery-based actuators.