

Joint Department of

BIOMEDICAL ENGINEERING



UNC
CHAPEL HILL

NC STATE
UNIVERSITY

Lucas Scholars Present: Undergraduate Research in Biomedical Engineering

Maggie Wagner

“Musculoskeletal Simulation of Aging Effects on the Achilles Tendon in the Presence of Isolated Muscle Stimulation”

Faculty Mentor: Jason Franz

Graduate Mentor: William Clark

Elizabeth Stanley

“Nanoindenter and AFM-based characterization of polyacrylamide hydrogels: The influence of substrate stiffness and an ECM ligand”

Faculty Mentor: Imran Rizvi

Truc Tran

“Development of a Rapid, Single-Step Detection System for Methylated DNA Toward the Quantitative Diagnosis of Mental Disorders”

Faculty Mentor: Koji Sode

Friday, March 5th
12:00 PM

Presentations will be virtual

Register at: <https://go.unc.edu/j5W3E>