Design and Test of a Mechanical System for Electrochemical Oxygen Sensors with *in vivo* Applications

Dominic Bednar

Poster A12

SUNFEST REU Program PI: Mark Allen Mentor: Vishal Venkatesh

Design and Test of a Mechanical System for Electrochemical Oxygen Sensors with *in vivo* Applications

Dominic Bednar - Michigan State University - SUNFEST Fellow Dr. Mark Allen - University of Pennsylvania

Do physical interactions from a muscular environment affect the functionality of biosensors? Mechanical Linear Sweep

