Help use science to inform physical rehabilitation practices!

REHABILITATION BIOMECHANICS LABORATORY

We are looking for motivated undergraduate and graduate research assistants to help with laboratory research in motor learning, motor control and biomechanics.

RESEARCH PROJECTS

We conduct experiments with human participants to develop and test theories of motor learning and control using optical motion capture, electromyography, force plates, and robotic devices.
• Adaptive robotic assistance for motor learning of walking
• Assessment of proprioceptive sense in persons with spinal cord injury

GET INVOLVED

If you are a motivated student, you can join the lab for credit by enrolling in ENS 499/798, or we may hire you as a paid research assistant.
• Gain invaluable experience with experimental testing
• Learn if a career in research and graduate school is right for you

RESPONSIBILITIES

• Human subject testing
• Experimental design, data collection, processing and analysis
• Weekly lab meetings

QUALIFICATIONS

• Interest in biomechanics, motor learning and control
• Dependability and initiative
• Computer experience
• Programming skills a plus

CONTACT US

If you are interested and think you might like to join the lab, please email your resume and unofficial transcripts to Dr. Antoinette Domingo at adomingo@mail.sdsu.edu.

Antoinette Domingo, PT, PhD
Office: ENS 124
Phone: 594-3289
adomingo@mail.sdsu.edu