



Arnold School of Public Health

Department of Exercise Science

The Department of Exercise Science at the University of South Carolina and the Motion Analysis and Performance Laboratory at Prisma Health are seeking a highly motivated student with interest in earning a PhD in Exercise Science with emphasis on sports performance, biomechanics, and rehabilitation. This position will be co-mentored by Dr. Jay Patel and Dr. Sheri Silfies. The position will assist with ongoing projects within the biomechanics lab at Prisma Health which utilizes cutting-edge technology to help analyze human movement while improving performance and preventing injury. Equipment includes 3D motion capture, force plates, and electromyography. The student will gain experience working with populations ranging from pediatric to professional athletes while developing valuable research skills and experience.

Candidates should possess the following skills:

- Experience working in a Biomechanics laboratory.
- Experience in developing research protocols, IRB submission process, statistical analysis, and coding.
- Background and interest in gait, overhand throwing, and/or golf performance analyses.

For more information, please reach out to Dr. Jay Patel at pateljh4@mailbox.sc.edu and include a statement of interest and CV.

