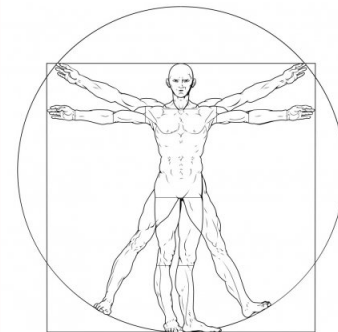





# KYLE WASSERBERGER, MS, CSCS

I am currently a doctoral student in the [Sports Medicine & Movement Laboratory](#) at Auburn University researching mechanisms driving injury risk and performance in sport with an emphasis on baseball and softball players.

I am looking for a position that allows me to continue searching for the best ways to reduce the risk of injury and maximize athletic performance while collaborating with people across biomechanics, strength & conditioning, rehabilitation, & athlete development.



## EDUCATION

- 2021  
|  
2018 • **PhD., Kinesiology**  
Auburn University  Auburn, AL, USA
- 2018  
|  
2017 • **M.S., Kinesiology; Biomechanics Emphasis**  
Auburn University  Auburn, AL, USA
- 2016  
|  
2012 • **B.A., Exercise Science; Pre-Professional Emphasis**  
Calvin College  Grand Rapids, MI, USA

## RECENT PUBLICATIONS

- **External Rotation Weakness Partially Accounts for Increased Humeral Rotation Torque in Youth Baseball Pitchers**  
Journal of Science & Medicine in Sport
- **Glenohumeral & Hip Range of Motion in Youth Softball Athletes**  
International Journal of Sports Medicine
- **Using the Single-Leg Squat as an Assessment of Stride Leg Knee Mechanics in Adolescent Baseball Pitchers**  
Journal of Science & Medicine in Sport

## UPCOMING PROJECTS

- **Lumbopelvic-Hip Complex & Scapular Stabilizing Muscle Activation during Unilateral Dumbbell Carries**  
Assess the ability of unilateral dumbbell carries to increase stability and strength of the lumbopelvic-hip complex and scapular stabilizing musculature
- **Patterns of Mechanical Energy Generation, Transfer, and Absorption at the Shoulder during Arm Cocking, Acceleration, and Deceleration in High School Baseball Pitchers**  
Compare shoulder joint loads during critical phases of the baseball pitch

## TEACHING EXPERIENCE

- **Biomechanics of Human Movement**  
Auburn University School of Kinesiology
  - Laboratory TA covering foundational biomechanics principles
- **Training & Conditioning Programming**  
Auburn University School of Kinesiology
  - In-person lecture course covering the principles underlying the design and implementation of training programs for athletes

## CONTACT

✉ [kww0009@auburn.edu](mailto:kww0009@auburn.edu)  
🐦 [kww\\_AU](#)  
🌐 [github.com/kww-22](https://github.com/kww-22)

## SKILLS

### Considerable Experience

Data collection and analysis

Motion capture  
Forceplate  
Emg

Scientific Writing

Manuscript & IRB  
preparation

### Moderate Experience

Statistical Analysis

RStudio  
SPSS

### Developing Experience

Various Softwares

MatLab  
Mplus  
Python

## MORE INFO

See full CV at  
[github.com/kww-22/CV](https://github.com/kww-22/CV) for  
more a complete list of posi-  
tions and publications.