



Cade Abrams  
Postdoctoral Research Fellow  
September 2023

 Department of Educational and Developmental Science

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 Tcabrams44

 cade-abrams-phd

About me  
Fill this in.

Programming Languages  
\*The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).

Skills

Experience

Aug 2022 - Present

Postdoctoral Research Fellow

University of South Carolina  
Columbia, South Carolina

- Conducted advanced statistical analyses and data wrangling in R for academic manuscripts related to early childhood motor and cognitive development.
- Applied innovative data processing techniques, enhancing sensitivity to developmental changes, resulting in 1 peer-reviewed manuscript (in-review) and an international conference presentation.
- Collaborated with cross-functional teams to conduct statistical analyses, optimize data processing, and efficiently manage data for ongoing research projects.
- Managed project workflows on GitHub, optimizing research processes for academic publications.

Aug 2019 - Aug 2022

Doctoral Graduate Assistant

University of South Carolina  
Columbia, South Carolina

- Managed, cleaned, and created predictive models for longitudinal participant data, leading to the publication of 5 peer-reviewed manuscripts and 6 international presentations.
- Automated data processing with custom R scripts, saving 42 hours across 8 data collections.
- Parsed thousands of data points, extracting custom indices to establish longitudinal markers for motor and cognitive performance in ROTC Cadets.

Publications

1.

O'Hara-Wild, M., & Hyndman, R. (2023). *Vitae: Curriculum vitae for r markdown*. <https://CRAN.R-project.org/package=vitae>

2.

Müller, K., & Wickham, H. (2023). *Tibble: Simple data frames*. <https://CRAN.R-project.org/package=tibble>

Education

2019 - 2022

PhD – Motor Behavior

University of South Carolina  
Columbia, South Carolina

2017 - 2019

MAT – Physical Education

University of South Carolina  
Columbia, South Carolina

2013 - 2017

BS – Exercise Science

Lander University  
Greenwood, South Carolina