

MORGAN A. SMITH, Ph.D., CSCS

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[Google Scholar](#) | [LinkedIn](#)

PERSONAL STATEMENT

Sport scientist and coach with expertise in female athlete health and development. Skilled at translating research into practice and fostering collaboration across athletes, coaches, and stakeholders. Committed to advancing elite women's sport by connecting science to performance.

PROFESSIONAL EXPERIENCE

Postdoctoral Fellow

September 2022 – Present

[Wu Tsai Human Performance Alliance](#), [Snyder Lab](#) | Stanford University | Palo Alto, CA

- Direct a season-long project with Bay FC, building trust and alignment across staff, athletes, and leadership at the club and league level to ensure transparent data collection and use
- Lead multi-disciplinary human performance research projects in collegiate and professional athletes, bridging physiological data with performance outcomes
- Analyze wearable-derived metrics to assess recovery, illness risk, and injury
- Translate research findings into actionable insights for athlete performance and recovery from youth sport through elite
- Build and maintain performance operations systems including project benchmarks, workflows, role clarity, and team coordination for applied sport science projects
- Mentor PhD, undergraduate, and high school students through applied projects and final presentations

Sprint and Agility Coach, Player Development

March 2025 – Present

[Torch Basketball](#) (3rd – 8th grade girls) | Atherton, CA

- Lead sprint and agility training to improve coordination, speed, and movement efficiency
- Design and implement individualized skill development plans that enhance basketball IQ and tactical decision making

Applied Sport Science Educator

April 2024 – Present

[VOICEINSPORT](#) | Remote

- Actively participate in events and represent VOICEINSPORT in various capacities, fostering visibility and engagement within the sports community
 - Panelist at the HOKA Postal Nationals 2024
 - Session Speaker at SheBelieves Summit 2024 presented by Deloitte
 - Panelist and Session lead at WNBA Changemakers 2025
- Promote holistic well-being and athletic development by educating athletes, coaches, and families on female-centered sports science topics encompassing mind, body, and nutrition
- Support VIS writers in developing educational articles on girls' and women's sports science topics

Varsity Track and Field Assistant Coach

March 2023 – Present

[Sacred Heart Preparatory School](#) | Atherton, CA

- Provide instruction to athletes in fundamental skills, technique, and strategy for individual and team success
- Mentor athletes to foster teamwork, discipline, leadership, and confidence
- Assist in formulating weekly and seasonal training plans tailored to athlete development

Morgan A. Smith, PhD

Director

November 2020 – August 2022

ROTC Performance Optimization Team, Auburn University | Auburn, AL

- Lead diverse performance team of 11 members to improve the performance of 150+ cadets by providing education, resources, and strength training
- Owned end-to-end strength and conditioning programming, including training calendars, testing logistics, and staff oversight
- Collaborate with Cadre, students, and health professionals on workshops, seminars, and in-class presentations on a variety of factors impacting performance (sleep, nutrition, hydration, resistance training, endurance training, etc.)

PROGRAM LEADERSHIP & EDUCATION

Lead Coordinator

August 2022 – Present

Cardinal Club Talks and Women's Athletics Team Talks (WATTs), Stanford University | Palo Alto, CA

[Female Athlete Science and Translational Research Team](#)

- Organize applied sport science sessions for Stanford varsity and club athletes, bridging Wu Tsau Human Performance Alliance Department of Athletics, Physical Education, and Recreation (DAPER)
- Coordinate Alliance fellows and researchers to present applied findings of their work in relation to athletic performance and recovery to coaches and sport performance staff

Mentor and Program Assistant

June 2022 – Present

[Human Performance x Equity, San Antonio Spurs](#) | San Antonio, TX + Remote

- Serve on the leadership team, advising on design and execution of in-person experiences
- Mentor fellows through the development of their capstone projects
- Selected as an inaugural fellow of the yearlong immersive learning program in human performance, engaging in ongoing mentorship and community-building grounded in equity and holistic learning frameworks

Fellow Capstone Project: Inequity in Human Performance: Thoughts From an Anomaly

CERTIFICATIONS & TECHNICAL SKILLS

Certifications: NSCA CSCS, USAW Level 1, CPR/AED and First Aid

Technical Skills: Physiological testing and analysis, athlete monitoring (GPS, HR, force plates), wearable data analytics

Software: Microsoft, Trello, Jira, Confluence, Google Workspace, SPSS, EPIC

Core Skills: Data collection and dissemination, project management, stakeholder communication, educational programming, athlete-facing communication, translational writing

EDUCATION

Auburn University, Auburn, AL

August 2019 – August 2022

Ph.D., Kinesiology

Dissertation: Molecular Predictors of Resistance Training Outcomes in Young Untrained Female Adults

University of Florida, Gainesville, FL

August 2014 – May 2019

M.S., Applied Physiology and Kinesiology | Human Performance

B.S., Applied Physiology and Kinesiology | Fitness and Wellness