

REBECCA HIRSCHHORN, PHD, ATC

2019 RESEARCH GRANT RECIPIENT

"The Epidemiology of EMS Activations for Sport-Related Injuries by Athletic Training Service Level"



Rebecca Hirschhorn, PhD, LAT, ATC, NRAEMT completed her BS in Athletic Training in 2012 at James Madison University. She then complete her MS. in Physical Education in 2014 at the University of South Carolina where she served as a graduate assistant athletic trainer. She returned to the University of South Carolina to pursue her PhD in Exercise Science in 2016 under the mentorship of Dr. Susan Yeargin. Her research line focuses on the prehospital care of sport-related emergencies and emergency medical services utilization with a focus on exertional heat illnesses and sickle cell trait. Dr. Hirschhorn is currently an Assistant Professor of Professional Practice at Louisiana State University teaching in the new MSAT program.

Since being funded by the NATA Foundation, Dr. Hirschhorn has

- Received the Department of Exercise Science Outstanding Student Achievement Doctorate of Exercise Science award
- Completed a post-doctoral fellowship at the Warrior Research Center at Auburn University.

Student Research Grant Program: Doctoral Grant Funding: \$2,500

CLINICAL TAKE HOME MESSAGE

Emergency medical services are activated for sport-related injuries in a wide variety of settings for individuals of all ages. There is a substantial need for trained personnel (i.e., athletic trainers) to develop emergency action plans, and provide care at athletic events outside of the interscholastic and collegiate settings.

WHAT IS THE IMPACT OF THIS STUDY ON THE ATHLETIC TRAINING PROFESSION?

This study identifies a need for trained personnel (i.e., athletic trainers) at public athletic venues outside of the traditional high school and collegiate settings and the benefit of having ATs in the secondary school setting as it relates to the utilization of EMS. These findings can support policies relating to sports safety and providing adequate medical coverage for athletic events."

HOW HAS THIS FUNDING IMPACTED YOUR RESEARCH CARRER?

"The funding provided by the NATA Foundation enabled me to complete a dissertation project that I was genuinely passionate about. Without the funding I received, this project would not have been possible. The findings will result in multiple publications, presentations, and future grant applications to expand my research line. I've gained new skills and developed research collaborations that I will continue to foster throughout my career."



Supporting and advancing the Athletic Training profession through research and education

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