

REBECCA M. HIRSCHHORN, PHD, LAT, ATC, NRAEMT

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· CURRICULUM VITAE ·

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ResearcherID: AAC-8952-2019

Education

University of South Carolina (Columbia, SC) August 2016 – August 8, 2020

Ph.D. in Exercise Science

Arnold School of Public Health Fellow

Dissertation: Examination of EMS Activations for Sport-Related Injuries (Advisor: Susan Yeargin, PhD, SCAT, ATC)

University of South Carolina (Columbia, SC) August 2012 – May 10, 2014

M.S. in Physical Education

Research Project: Physicians' Perceptions of Athletic Trainers (Advisor: Jim Mensch, PhD, SCAT, ATC)

James Madison University (Harrisonburg, VA) August 2008 – May 5, 2012

B.S. in Athletic Training

CAATE-Accredited Athletic Training Program

Magna Cum Laude

Professional Experience

Louisiana State University (Baton Rouge, LA) June 2021 – Present

Assistant Professor of Professional Practice, School of Kinesiology

- Core faculty member in the Master of Science in Athletic Training Program

Acadian Ambulance Service (Baton Rouge, LA) August 2021 – Present

Advanced Emergency Medical Technician (PRN)

- Provide appropriate, efficient and timely pre-hospital advanced and basic life support care and transportation of the sick and injured in accordance with local, state, national and Acadian Ambulance standards of practice.

Southeast Louisiana Area Health Education Center (Hammond, LA) July 2021 – Present

Louisiana Bureau of EMS Examiner (Independent Contractor)

- Assist with the preparation and administration of National Registry of Emergency Medical Technicians and the Louisiana Bureau of Emergency Medical Services psychomotor exams.

Auburn University (Auburn, AL) June 2020 – May 2021

Postdoctoral Fellow, School of Kinesiology

- Responsibilities include assisting with outreach, service and research activities as directed
- Conduct independent research and actively pursue foundation, industry, or government research funding and present work at state, regional and national meetings
- Organize and facilitate the Warrior Research Center Journal Club
- **Warrior Research Center/ Neuromechanics Research Lab Manager** responsibilities include updating and revising policies and procedures, maintenance of lab equipment, supply ordering, new researcher training, coordination of lab scheduling, supervise lab members alongside the lab director and in the director's absence.

University of South Carolina (Columbia, SC) July 2016 – May 2020

Doctoral Graduate Assistant, Department of Exercise Science

- **BrainScope Study Coordinator** for Objective Brain Function Assessment of mTBI from Initial Injury to Rehabilitation and Treatment Optimization and Validation of Brain Function Assessment Algorithm for mTBI from Injury to Rehabilitation in College Athletes studies (July 2016 – May 2018)
 - Managed all aspects of the study including: Obtained informed consent, identified matched-control subjects, scheduled participants, performed data collection, uploaded data into BrainScope EDC online system, participated in weekly site meetings and biweekly multi-site meetings, provided oversight for study research assistant, maintained regular communication with site athletic trainers
- **Research Assistant** for ARIEM Reduction in Musculoskeletal Injury (ARMI) Study (February – July 2018), Examination of Energy Needs and Hormone Levels in Male Endurance Athletes (Spring – Fall 2017), Sickle Cell Trait Chart Study (September 2017 – June 2019), Secondary School Policy Change Study (August 2017 – May 2020), Marching Band Thermoregulation Study (September 2018 – May 2020), Prevalence and Causative Factors of Improperly Fitted Helmets in Youth Football Leagues (April 2018 – May 2020)
- **Athletic Trainer** for the UofSC Navy ROTC (August 2019 – May 2020)
 - Conducted pre-physical training injury checks, provided medical coverage for physical training, evaluated cadet injuries and illnesses during clinic hours, developed and facilitated comprehensive treatment programs for injured cadets, documented all patient encounters using Athletic Trainer System, assisted with supply ordering, coordinated physician referrals
 - Assisted with the development of emergency action plans and policies and procedures

MedTrust (Lexington, SC)

April 2019 – April 2020

Emergency Medical Technician (Part-Time)

- Provided patient care at the basic-life support level in both pre-hospital and inter-facility settings, operated and maintained emergency vehicles, operated and maintained all relevant equipment and tools, maintained accurate documentation for patient care reports, vehicle inspections and inventory forms.

Drayer Physical Therapy Institute (Columbia, SC)

July 2014 – April 2020

Outreach Athletic Trainer (PRN, August 2016 – April 2020; Full-Time, July 2014 – July 2016)

- Provided as needed athletic training services at Columbia High School, Eau Claire High School, Northside Christian Academy, Columbia International University, and Ben Lippen School (August 2016 – April 2020)
- **Head Athletic Trainer** at W.J. Keenan High School, a 2A SCHSL school with approximately 250 student-athletes across 13 boys' and girls' sports (July 2014 – July 2016)
- **Head Athletic Trainer** for the Columbia City Ballet, a professional ballet company of over 30 dancers (July 2014 – July 2016)
- Responsibilities included daily athletic training room duties, maintaining treatment and injury documentation, emergency planning, communicating with necessary individuals regarding student athlete or dancer injuries, facilitating physician and physical therapy referrals; educating student athletes, dancers, coaches, administrators and company managers of injury prevention and management; covering athletic events, rehearsals and performances
- **Preceptor** for Undergraduate Athletic Training Students from the University of South Carolina
- Assisted with annual S.M.A.R.T. pre-participation screenings for local high schools (2012 – 2016)

Medshore Ambulance Service (West Columbia, SC)

May 2016 – May 2019

Advanced EMT (Part-Time; March 2019 – May 2019)

Emergency Medical Technician (Part-Time; May 2016 – March 2019)

- Responded to emergency scenes to provide emergency medical care and transportation, responded to hospitals and other healthcare facilities to provide non-emergency medical care and transportation, maintained accurate patient care documentation, operated emergency vehicles, provided designated coverage for scheduled events

Graduate Assistant Athletic Trainer, Department of Physical Education and Athletic Training

- **Head Athletic Trainer** for USC Sand Volleyball (July 2013 – May 2014)
- **Athletic Trainer and/or Gatorade Team Leader** for summer sport camps (Summer 2013) – Men’s Basketball, Volleyball, Track and Field, Women’s Soccer, Sand Volleyball
- **Outreach/Assistant Athletic Trainer** at Brookland Cayce High School (August – December 2012) and Swansea High School (January 2012 – May 2013)
- **Physician Extender** at USC Sports Medicine Clinic (July 2012 – June 2013)
- **Preceptor** for Undergraduate Athletic Training Students

Peer-Reviewed Publications (Original Research)

Published

1. Lininger MR, Yeargin SW, **Hirschhorn RM**, Coughlin M, Jurewicz P, Moore M, Mensch JM. Assessing the Validity of a Helmet Fit Checklist in a Sample of Youth Football Players. *Research in Sports Medicine*. Accepted, In Press.
2. Gordon RM, Hand AF, Fuemmeler S, Smith A, **Hirschhorn RM**. Gamekeeper’s Thumb with Stener Lesion in a High School Football Player: A Case Study. *Clinical Practice in Athletic Training*. Accepted, In Press.
3. **Hirschhorn RM**, Phillips JL, Cadet DA, Murphy TE, Haggard C, Rosehart S, Yeargin SW. Examination of Body Mass Changes Among Division I Collegiate Football Players with Sick Cell Trait. *International Journal of Athletic Therapy & Training*. Accepted, In Press.
4. Yeargin SW, Lininger M, Coughlin M, **Hirschhorn RM**, Jurewicz P, Moore M, O’Connell H, Mensch J. American Youth Football Helmets are Improperly Fit Across One Competitive Season. *Annals of Biomedical Engineering*. 2021 [Online Ahead of Print]. Doi: 10.1007/s10439-021-02817-9
5. **Hirschhorn R**, DadeMatthews O, Sefton J. Emergency Medical Services Providers Knowledge of Exertional Heat Stroke. *International Journal of Environmental Research and Public Health*. 2021, 18(9), 5016, doi: 10.3390/ijerph18095016
6. **Hirschhorn RM**, Yeargin SW, Mensch JM, Dompier, T. Injury and Referral During Basic Combat Training: An Examination of Data from the Athletic Trainer-Forward Program. *Military Medicine*. [Online Ahead of Print] April 2021, doi: 10.1093/milmed/usab156
7. Emerson DM, Torres-McGehee TM, Yeargin SW, Kelly MR, Uriegas N, Smith A, Weber SR, **Hirschhorn RM**, Cannon C. Collegiate Marching Band Artists Experience High Core Body Temperatures during Rehearsals and Performances. *Journal of Athletic Training*. 2020, 56(3), 302-310, doi: <https://doi.org/10.4085/JAT0245-20>
8. Yeargin S, **Hirschhorn R**, Grundstein A. Heat Related Illnesses Transported by United States Emergency Medical Services. *Medicina*. 2020, 56(10), 543, doi: 10.3390/medicina56100543
9. Nedimyer AK, Chandran A, **Hirschhorn RM**, Adams WM, Pryor RR, Casa DJ, Register-Mihalik JK, Kerr ZY. Comparison of Exertional Heat Stroke Management Practices and Intentions Among Secondary School Football Athletic Trainers. *Journal of Athletic Training*. 2020, 55, 1081-1088, doi: 10.4085/1062-6050-474-19
10. **Hirschhorn RM**, Cadet DA, Delus R, Phillips JL, Murphy TE, Haggard C, Razayeski J, Yeargin SW. The Prevalence of Sick Cell Trait in Division I University Athletics Programs. *The Physician and Sportsmedicine*. 2020; 48, 430-436, doi: 10.1080/00913847.2020.1740628
11. **Hirschhorn RM**, Holland C, Hand AF, Mensch JM. Physicians’ Perceptions of Athletic Trainers. *International Journal of Athletic Therapy & Training*. 2019;24(5):202-206, doi: 10.1123/ijatt.2018-0098

12. Kerr ZY, Yeargin SW, Hosokawa Y, **Hirschhorn RM**, Pierpoint LA, Casa DJ. The epidemiology and management of exertional heat illnesses in high school sports during the 2012/13-2016/17 academic years. *Journal of Sport Rehabilitation*. 2020, 29, 332-338, doi: 10.1123/jsr.2018-0364
13. Yeargin SW, Dompier TP, Casa DJ, **Hirschhorn RM**, Kerr ZY. Epidemiology of Exertional Heat Illnesses in NCAA Athletes during the 2009-10 Through 2014-15 Seasons. *Journal of Athletic Training*. 2019;54(1):5-63, doi: 10.4085/1062-6050-504-17
14. **Hirschhorn RM**, Kerr ZY, Wasserman EB, Kay MC, Clifton DR, Yeargin SW. Epidemiology of Injuries Requiring Emergency Transport Among Collegiate and High School Student-Athletes. *Journal of Athletic Training*. 2018;53(9):906-914, doi: 10.4085/1062-6050-340-17

Submitted, In Review

1. **Hirschhorn RM**, Kerr ZY, Mensch JM, Huggins RA, Dompier TP, Rudisill C, Yeargin SW. Epidemiology of Emergency Medical Services Activations for Sport-Related Injuries.
2. Armstrong V, **Hirschhorn RM**, Smith A, Hand AF. Bilateral Distal Radius Fracture in an Adolescent Athlete: A Case Study.
3. DadeMatthews O, Agostinelli P, Neal F, Oladipupo S, **Hirschhorn R**, Wilson A, Sefton J. The Effect of Whole-Body Vibration on Bone Health: A Systematic Review and Meta-Analysis.
4. Hoover BG, **Hirschhorn RM**, Smith A, Hand AF. Exertional Heat Stroke in a Male High School Runner with Disordered Eating: A Case Study.

Peer-Reviewed Abstracts & Presentations (denote invited)**

National

1. ****Hirschhorn R**, Castle R. General Medicine Case Review 2.0: Audience-Driven Management of Altered Mental Status. National Athletic Trainers' Association Interactive Lecture Presentation Proposal, June 2022. In Review.
2. ****Castle R, Hirschhorn R**. General Medicine Case Review 2.0: Audience-Driven Management of the Exercise-Associated Collapsed Athlete. National Athletic Trainers' Association Interactive Lecture Presentation Proposal, June 2022. In Review.
3. DeWitt T, **Hirschhorn R**. The Army Schoolhouse: The Grit and the Grind. National Athletic Trainers' Association Lecture Presentation Proposal, June 2022. In Review.
4. Agostinelli PJ, Winkelmann Z, Games K, **Hirschhorn R**, McAdam J, Lyons K, DadeMatthews O, Sefton J. The Effect of Heat on Heart Rate Variability During Exercise in Male Firefighters. American College of Sports Medicine Annual Meeting, June 2021. E-Poster.
5. **Hirschhorn RM**, Kerr ZY, Mensch JM, Huggins RA, Dompier TP, Rudisill C, Yeargin SW. Epidemiology of Emergency Medical Services Activations for Sport-Related Injuries. Virtual National Athletic Trainers' Association Clinical Symposia & AT Expo, July 2021. E-Poster.
6. Simpson VJ, Hand AF, **Hirschhorn RM**, Hounshell K, Smith AB. Hardware Removal and Postoperative Tightrope Fixation Complications in a Male Collegiate Football Player: Level 3 Exploration CASE Study. Virtual National Athletic Trainers' Association Clinical Symposia & AT Expo, July 2021. E-Poster.
7. ****Hirschhorn RM**. Understanding the Emergency Medical Services Response: Preparing to Work Together. National Athletic Trainers' Association Clinical Symposia & AT Expo, July 2021. On-Demand Lecture Presentation.
8. **Hirschhorn RM**, Yeargin SW, Beattie PF, Mensch JM, Dompier TP. Examination of Referral Patterns During Army Basic Combat Training. Virtual National Athletic Trainers' Association Clinical Symposia & AT Expo, July 2020. On-Demand Rapid Fire Presentation.
9. Yeargin SW, Coughlin M, **Hirschhorn RM**, Lininger M, Mensch J, Sprinkle N, Jurewicz P, Moore M, O'Connell H, Krebs A, McKeen S, Ohlmyer K. Prevalence and Causative Factors of Improperly Fitted Helmets in Youth Football

Leagues. Virtual National Athletic Trainers' Association Clinical Symposia & AT Expo, July 2020. On-Demand Rapid Fire Presentation.

10. Torres-McGehee TM, Emerson DM, Weber SR, Uriegas NA, Smith AB, **Hirschhorn RM**, Yeargin SW, Cannon C. Examination of Energy Availability and Hydration Status Among University Marching Band Artists: 2250 Board #169. *Medicine & Science in Sports & Exercise*, 52(7S):603-603. Doi: 10.1249/01.mss.0000680812.92236.77
11. Emerson DM, Torres-McGehee TM, Yeargin SW, Kelly MR, **Hirschhorn RM**, Smith A, Weber SR, Uriegas NA, Usuki H, Hatcher M. Core Temperature and Environmental Factors among University Marching Band Musicians. *Journal of Athletic Training*, 54(6), S-67. Oral Presentation at National Athletic Trainers' Association Clinical Symposia & Expo, June 2019, Las Vegas, NV.
12. Uriegas NA, Torres-McGehee TM, Emerson DM, Yeargin SW, Kelly MR, **Hirschhorn RM**, Smith A, Weber SR, Usuki H, Hatcher M. Perceived Gastrointestinal Distress Symptoms among University Marching Band Musicians. *Journal of Athletic Training*, 54(6), S-377. Poster Presentation at National Athletic Trainers' Association Clinical Symposia & Expo, June 2019, Las Vegas, NV.
13. Yeargin SW, Emerson DM, Torres-McGehee TM, **Hirschhorn RM**, Smith A, Weber SR, Kelly MR, Uriegas NA, Hatcher M, Usuki H. Hydration Status, Fluid Intake and Thirst among University Marching Band Musicians. *Journal of Athletic Training*, 54(6), S-377-378. Free Communication Poster Presentation at National Athletic Trainers' Association Clinical Symposia & Expo, June 2019, Las Vegas, NV.
14. Nedimyer AK, Chandran A, **Hirschhorn RM**, Adams WM, Pryor RR, Casa DJ, Register-Mihalik JK, Kerr ZY. Exertional Heat Stroke Management Strategies: A Comparison of Practice and Intentions Between Athletic Trainers Who Did and Did Not Treat Cases During High School Football Preseason. *Journal of Athletic Training*, 54(6), S-69. Oral Presentation at National Athletic Trainers' Association Clinical Symposia & Expo, June 2019, Las Vegas, NV.
15. **Hirschhorn RM**, Cadet DA, Delus R, Phillips JL, Murphy T, Haggard C, Yeargin SW. Sponsor: Douglas Casa. The Prevalence of Sickle Cell Trait in a Division I University Athletics Program. *Medicine & Science in Sport & Exercise*. 2019, 51(5), S554-555. Free Communication Poster (#206) at American College of Sports Medicine Annual Meeting, May 2019, Orlando, FL.
16. **Hirschhorn RM**, Kerr ZY, Dompier TP, Wasserman EB, Kay MC, Clifton DR, Yeargin SW. Epidemiology of injuries requiring emergency transport among college and high school student-athletes. *Journal of Athletic Training*, 52(6), S176-177. Free Communication Rapid-Fire Presentation at National Athletic Trainers' Association Clinical Symposia & Expo, June 2017, Houston, TX.

Local/Regional

1. Neil E, **Hirschhorn R**. Enhancing Emergent Care in Athletic Training: Wound Closure. Eastern Athletic Trainers' Association Convention, January 2022, Mashantucket, CT. Accepted.
2. **Hirschhorn R**, Oluwagbemiga D. Recognizing and Managing Exertional Heat Stroke in the Prehospital Setting. Tactical Athlete Human Factors Summit, October 2021. Oral Presentation.
3. ****Hirschhorn RM**. Respiratory Compromise and Airway Management for the AT. Baton Rouge Orthopedic Clinic Emergency Skills In-Service Training. June 2021.
4. Agostinelli PJ, Winkelmann Z, Games K, **Hirschhorn R**, McAdam J, Lyons K, DadeMatthews O, Sefton J. The Effect of Heat on Heat Rate Variability During Exercise in Male Firefighters. Auburn University Student Research Symposium, March 2021. Virtual Presentation.
5. Hoover BG, **Hirschhorn RM**, Hand AF. Exertional Heat Stroke in a Male High School Cross Country Runner with Disordered Eating: A Case Study. Mid-Atlantic Athletic Trainers' Association Student Free Communications, May 2020. Virtual Presentation.
6. **Hirschhorn RM**, Yeargin SW, Beattie PF, Mensch JM, Dompier TP. Descriptive Epidemiology of Injuries and Illnesses Reported by Soldiers in Army Basic Combat Training. Discover USC 2020. Event Canceled due to COVID-19

7. Gordon RM, Hand AF, Fuemmeler S, **Hirschhorn RM**. Gamekeeper's Thumb with Stener Lesion in a High School Football Player. Poster Presentation at Southeast Athletic Trainers' Association Athletic Training Student Symposium, February 2020, Atlanta, GA.
8. Simpson VJ, Hand AF, **Hirschhorn RM**, Hounshell K. Hardware Removal and Long-Term Postoperative Complications Following Tightrope Fixation in a Male Collegiate Football Player. Poster Presentation at Southeast Athletic Trainers' Association Athletic Training Student Symposium, February 2020, Atlanta, GA.
9. Hoover BG, **Hirschhorn RM**, Hand AF. Exertional Heat Stroke in a Male High School Cross Country Runner with Disordered Eating: A Case Study. Poster Presentation at Southeast Athletic Trainers' Association Athletic Training Student Symposium, February 2020, Atlanta, GA.
10. **Hirschhorn RM**, Yeargin SW, Beattie PF, Mensch JM, Dompier TP. Descriptive Epidemiology of Injuries and Illnesses Reported by Soldiers in Army Basic Combat Training. Southeast American College of Sports Medicine Annual Meeting, February 2020. Thematic Poster Presentation.
11. ****Hirschhorn RM**, Yeargin SW, Beattie PF, Mensch JM, Dompier TP. Injuries and Referrals in Basic Combat Training. Exercise Science Seminar, University of South Carolina, January 2020, Columbia, SC.
12. ****Hirschhorn RM**. ATs and EMS: Preparing to Work Together. UofSC AT Program GA Orientation. July 2019.
13. **Hirschhorn RM**, Cadet DA, Delus R, Phillips JL, Murphy T, Haggard C, Razayeski J, Yeargin SW. Sick Cell Trait in Division I Student-Athletes. Poster Presentation at South Carolina Athletic Trainers' Association Annual Symposium, July 2019, Columbia, SC.
14. **Hirschhorn RM**, Cadet DA, Delus R, Phillips JL, Murphy T, Haggard C, Razayeski J, Yeargin SW. Sick Cell Trait in Division I Student-Athletes. Poster Presentation. Discover USC 2019, University of South Carolina, April 2019, Columbia, SC.
15. ****Hirschhorn RM**, Cadet DA, Delus R, Phillips JL, Murphy T, Haggard C, Razayeski J, Yeargin SW. Sick Cell Trait in Division I Student-Athletes. Exercise Science Seminar, University of South Carolina, March 2019, Columbia, SC.
16. ****Hirschhorn RM**. Emergency Respiratory Management. Palmetto Health USC Orthopedic Center, February 2019, Columbia, SC. BOC AP#: P3757, 2 Category A CEUs.
17. ****Hirschhorn RM**, Greenleaf C. Advanced Airway Management for the AT Setting. South Carolina Athletic Trainers' Association Annual Symposium, July 2018, Columbia, SC.
18. ****Zwilling T**, Krinock H, Greenleaf C, **Hirschhorn RM**. The Emergency Management Circle – Provision of Care and Communication. South Carolina Athletic Trainers' Association Annual Symposium, July 2018, Columbia, SC.
19. **Hirschhorn RM**, Kay JJM, Moore RD, Yeargin SW. Comparison of self-reported concussion symptoms and scores on the Beck Depression Inventory-II, Beck Anxiety Inventory, and the Anger Index. Poster Presentation at Discover USC 2018, University of South Carolina, April 2018, Columbia, SC.
20. ****Hirschhorn RM**. Athletic Training and EMS Relationships. South Carolina Athletic Training Student Association Monthly Meeting, September 2017, Columbia, SC.
21. **Hirschhorn RM**, Kerr ZY, Dompier TP, Wasserman EB, Kay MC, Clifton DR, Yeargin S. Epidemiology of injuries requiring emergency transport among college and high school student-athletes. Discover USC 3-Minute Thesis Competition, University of South Carolina, April 2017, Columbia, SC.

Grants

Funded

- **Hirschhorn RM** (PI), Yeargin SW. The Epidemiology of EMS Activations for Sport-Related Injuries by Athletic Training Service Level. NATA Foundation Doctoral Research Grant, \$2373.52. Funded (August 2019 – May 2020).

Not Funded

- **Hirschhorn RM** (PI), Sefton J. Examination of heat related illness risk factors and incidence among recruit and career firefighters. National Athletic Trainers' Association Foundation New Investigator Grant, \$20,000.

- **Hirschhorn RM** (PI), Sefton JM (Co-I). Examination of heat related illness risk factors and incidence among recruit and career firefighters. National Institute for Occupational Safety and Health (NIOSH) Small Research Grant Program (R03), \$100,000. (2021)
- Sefton J (Principal), Crumbly D, Cremaschi L, Bush B, DadeMatthews O, **Hirschhorn RM**. EX4C: Next Generation Blood Transport for the Future Operational Environment. DoD FY20 Combat Readiness-Medical Research Program Rapid Development and Translational Research Award. Pre-proposal; Not Invited. (2020)
- **Hirschhorn RM** (PI), Yeargin SW. The Epidemiology of EMS Activations for Sport-Related Injuries by Athletic Training Service Level. Mid-Atlantic Athletic Trainers' Association Research Grant, \$1450.56. (2019)
- Coughlin M, **Hirschhorn RM**, Yeargin SW. Prevalence and Risk Factors of Improperly Fitted Helmets in Youth Football Leagues. Mid-Atlantic Athletic Trainers' Association Research Grant, \$1697.60. (2019)
- Yeargin SW, Lininger M, Mensch JM, **Hirschhorn RM**. Prevalence and Risk Factors of Improperly Fitted Helmets in Youth Football Leagues. The National Operating Committee on Standards for Athletic Equipment Research Grant, \$56,580. (2019)
- **Hirschhorn RM** (PI), Yeargin SW. Implementation Strategies and Educational Practices of a Sickle Cell Testing Mandate in Division I, II, and III NCAA Institutions. NCAA Graduate Student Research Grant, \$7,500. (2018)

Teaching Experience

Instructor of Record – Graduate Level Courses

Louisiana State University

- Emergency Medicine for the Athletic Trainer (ATRN 7000) – Summer 2021
- Athletic Training Clinical Practice I (ATRN 7100) – Fall 2021
- Athletic Training Clinical Skills I (ATRN 7101) – Fall 2021

Instructor of Record – Undergraduate Level Courses

University of South Carolina

- Athletic Training Senior Seminar (ATEP 494) – Spring 2020
- Therapeutic Exercise Lab (ATEP 466L) – Spring 2019
- Clinical Foundations in Athletic Training (ATEP 267) – Spring 2017

Teaching Assistant – Graduate Level Courses

University of South Carolina

- Clinical Experiences in Athletic Training I (ATEP 711) – Fall 2019
 - Guest Lectures: Respiratory Compromise and Airway Adjuncts
- Evaluation and Therapeutic Intervention of Lower Extremity Injuries (ATEP 748) – Fall 2019
 - Guest Lectures: Therapeutic Interventions and Rehabilitation of the Hip, Therapeutic Interventions and Rehabilitation of the Knee, Therapeutic Interventions and Rehabilitation of the Lower Leg and Ankle, Therapeutic Interventions and Rehabilitation of the Foot and Toes
- Research Methods in Athletic Training (EXSC 755) – Fall 2018
- Evidence Based Practice in Medical Emergencies (ATEP 733) – Spring 2018, Spring 2019
 - Guest Lectures: Athletic Training & EMS, Diabetes Management Lab
- Orthopedic Physical Therapy I (PHYT 750) – Spring 2017

Teaching Assistant – Undergraduate Level Courses

University of South Carolina

- Athletic Training Clinical V (ATEP 492) – Fall 2018
 - Guest Lectures: Introduction to Phlebotomy and IV Fluid Therapy in Athletic Training, Acute Emergency Care Review
- Evaluation and Assessment of Upper Extremity Injuries (ATEP 350) and Lab (ATEP 350L) – Fall 2013
- MSAT Student Practice Labs – Fall 2019, Spring 2020
- Undergraduate Student Practice Labs – Fall 2013, Spring 2014, Fall 2017, Spring 2018, Fall 2018

James Madison University

- Field Application in Athletic Training (ATEP 307) – Fall 2011

Invited Guest Lectures

University of South Carolina

- Enhancing Emergent Care in Athletic Training: Intravenous Therapy & Phlebotomy (ATEP 741; Advanced Clinical Skills in Athletic Training) – Spring 2020
- Wound Closure (Injections portion) - (ATEP 741; Advanced Clinical Skills in Athletic Training) – Spring 2020, Fall 2020
- AT & EMS: Part II (ATEP 733; Evidence Based Practice in Medical Emergencies) – Spring 2020, Spring 2021
- Injury Prevention and Care (Naval ROTC Drill) – Fall 2019
- Introduction to Injections, Phlebotomy, and IV Administration in Athletic Training (ATEP 492; Athletic Training Clinical V) – Fall 2019
- Supplemental Oxygen in Athletic Training (ATEP 700; Principles of Athletic Training) – Summer 2019
- Patient Assessment (ATEP 700; Principles of Athletic Training) – Summer 2019
- IV, Injections and Phlebotomy (ATEP 741; Advanced Clinical Skills in Athletic Training) – Spring 2019

Research Mentorship

Graduate (Doctoral)

1. Frances Neal. Auburn University. Fall 2020 – Spring 2021
2. Philip Agostinelli. Auburn University. Fall 2020 – Spring 2021
3. Oluwagbemiga DadeMatthews. Auburn University. Fall 2020 – Spring 2021

Graduate (Master's)

1. Caitlin O'Mara. *Examining the Level of Emergency Preparedness in South Carolina Middle School Athletics*. University of South Carolina. Fall 2020 – Present
2. Megan Grace. *Comparison of Emergency Medical Service Transport Decisions for Sport-Related Injuries Among Secondary School-Aged Children*. University of South Carolina. Fall 2019 – Spring 2021
3. Patrick Jurewicz. *Youth Football Helmet Fit: The Association Between Recorded and Manufacturer Recommended Size*. University of South Carolina. Fall 2019 – Spring 2021
4. Adam Graham. *Environmental Conditions During the Fall Sports Season in South Carolina High Schools: Session and Activity Modifications*. University of South Carolina. Fall 2019 – Spring 2021
5. Dylan Arango. *Environmental Conditions of South Carolina Fall Sports: Activity Type and Location*. University of South Carolina. Fall 2019 – Spring 2021
6. Hayley O'Connell. *A Pre- Versus Post-Season Evaluation of Helmet Fit in Youth Tackle Football Athletes*. University of South Carolina. Fall 2019 – Spring 2021
7. Matthew Moore. *Prevalence of Improper Helmet Fit by Age in Youth Football Athletes*. University of South Carolina. Fall 2019 – Spring 2021.
8. Courtney Perkins. *Evaluating Residual Balance and Vestibular Deficits Post-Concussion*. University of South Carolina. Fall 2018 – Spring 2020
9. Margaret Coughlin. *Influence of Helmet Acquisition on Improper Fit in Youth Football Players*. University of South Carolina. Fall 2018 – Spring 2020
10. Amy Krebs. *Variations of Wet Bulb Globe Temperature Conditions Across a High School Athletics' Fall Season in South Carolina*. University of South Carolina. Fall 2018 – Spring 2020
11. Sydney Turner. *Frequency of Wet Bulb Globe Thermometer Risk Categories Across South Carolina Regions*. University of South Carolina. Fall 2018 – Spring 2020
12. Jessica Phillips. *Examination of Hydration Status and Sweat Variables Among Division I Collegiate Football Players with Sickle Cell Trait*. University of South Carolina. Fall 2017 – Spring 2019
13. Danielle Cadet. *Hemoglobin Profiles and Previous History in NCAA Division I Sickle Cell Trait Athletes*. University of South Carolina. Fall 2017 – Spring 2019

14. Rodain Delus. *The Prevalence of Sickle Cell Trait Treatment in Division I Athletes*. University of South Carolina. Fall 2016 – Spring 2018
15. Danielle Gemignani. *Prevalence of Exercise Associated Muscle Cramp Prevention Strategies in High School Football*. University of South Carolina. Fall 2016 – Spring 2018

Undergraduate

1. Angela Burns. Auburn University. Fall 2020 – Spring 2021
2. Phillip Dunn. Auburn University. Fall 2020 – Spring 2021
3. Ashely Grissom. Auburn University. Fall 2020 – Spring 2021
4. Lee Reagan. Auburn University. Fall 2020 – Spring 2021
5. Cassidy Holland. *Physicians' Perspectives of Athletic Trainers*. University of South Carolina. Fall 2015 – Spring 2017

Service

Athletic Training Program

University of South Carolina

- Liaison to South Carolina Athletic Training Student Association (2018/19 academic year)
- Liaison to Graduate South Carolina Athletic Training Student Association (2017/18 academic year, 2019/20 academic year)
- CAATE substantive change subcommittee (Fall 2019 – Spring 2020)
- Review Graduate Assistant Athletic Trainer applications (Fall 2016 – Fall 2018)
- Assist with the organization and facilitation of on-campus interview for Graduate Assistant AT applicants (Fall 2017 – Spring 2019)
- Perform on and off-campus clinical site visits (Fall 2017 – Spring 2020)
- Phlebotomy Training for AT Program Graduate Students (November 2019)
- Assist with CAATE on-campus site visit (Fall 2018)
- Assist with the development of the M.S. in Athletic Training professional program curriculum starting in June 2019
- Host ACES Preparatory Workshop (Fall 2017, Fall 2019)
- Serve as a preceptor for the athletic training students (Fall 2012 – Spring 2020)

Department

Auburn University

- WRC Graduate Assistant Athletic Trainer application contact (2020/21 academic year)

University of South Carolina

- Exercise Science Rehabilitation Sciences Journal Club Leader (2017/18 academic year)
- Search Committee Member for Clinical Assistant/Associate Professor in Athletic Training (2018/19 academic year)

University

Louisiana State University

- LSU Welcome Week Volunteer (August 2021)

Auburn University

- Judge for Auburn Research Student Symposium (March 2021)

University of South Carolina

- ASPH Diversity, Equity and Inclusion Student Committee (Spring 2019 – Spring 2020)
- ASPH Prospective Student Day Alumni Q&A Panel (November 2019)
- ASPH Doctoral Student Diversity Focus Group (November 2019)
- ASPH Clinical Health Professionals Panel (March 2019)
- Room Moderator for Center for Teaching Excellence Oktoberbest Workshop (Fall 2018)

Professional

- American Public Health Association Sports & Recreation Injury Committee Member (July 2021 – Present)
- Proctor for Louisiana Bureau of EMS Emergency Medical Technician Psychomotor Examinations (July 2021)
- Athletic Training and Public Health Task Force (March 2021 – Present)
- Guest Reviewer for *American Journal of Lifestyle Medicine* (2020)
- Guest Reviewer for *Journal of Sports Medicine and Physical Fitness* (2020)
- Guest Reviewer for *Science Reports* (2020)
- Reviewer for *Sports Health* (2020 – Present)
- NATA Foundation South Carolina State Ambassador (Jan 2018 – May 2020)
- Guest External Grant Reviewer for NATA Research & Education Foundation (2020)
- Reviewer for *International Journal of Athletic Therapy & Training* (2018 – Present)
- Reviewer for *Journal of Athletic Training* (2018 – Present)
- Guest Reviewer for *Prehospital Emergency Care* (2018)
- Volunteer at American College of Sports Medicine Annual Meeting (May 2019)
- Lab Faculty at Southeastern Athletic Trainers' Association Athletic Training Student Symposium (February 2019)
- Abstract reviewer for Southeastern Athletic Trainers' Association Athletic Training Student Symposium (November 2017, 2018, 2019, 2020)
- Volunteer at South Carolina Athletic Trainers' Association Annual Conference (July 2017, 2019)
- Volunteer at South Carolina Athletic Trainers' Association College and University Workshop (February 2014, 2016, 2017, 2019)

Community

- Preseason Emergency Skills Review for Lexington County School District 1 Athletic Trainers (August 2019)
- Volunteer Evaluator at Dutch Fork High School STEM Research Annual Symposium (October 2016)
- James Madison University Alternative May Break – Habitat for Humanity in Baton Rouge, LA (May 2010, 2011)

Additional Clinical Experience

ElevATe Sports Medicine, LLC (Atlanta, GA) April 2021

- Provide athletic training service for the SRVA Regional Championship

University of South Carolina (Columbia, SC) 2016 – 2020

Athletic Trainer

- Host athletic trainer on visiting sideline for home USC Football games (Fall 2016, Fall 2017, Fall 2018)
- Provide athletic training services for USC Dance Conservatory (July 2019)

Drayer Physical Therapy Institute/USC Sports Medicine (Columbia, SC) 2013 – 2020

Athletic Trainer (Volunteer)

- Provide athletic training services for the Columbia Marathon (2013, 2015, 2016, 2018, 2019, 2020)
- Provide athletic training services for the Lexington Medical Center Heart & Sole Women's Five Miler (2016)
- Provide athletic training services for Governor's Cup 5-Mile Race (2014, 2016)

Lenoir Community College (Kinston, NC) July – October 2018

Advanced EMT Student

- Completed 99.50 clinical hours at Lexington County EMS (Lexington, SC)
- Completed 61.75 clinical hours at Lexington Medical Center, Emergency Department (Lexington, SC)

- Boston Athletic Association** (Boston, MA) 2018 – 2021
Athletic Trainer (Volunteer)
- Finish Line Main Medical Tent Team for the Boston Marathon (October 2021)
 - Finish Line Sweep Team for the Boston Marathon (April 2018, April 2019)
- US Quiddich** (Columbia, SC) April 2016
Athletic Trainer
- Provide athletic training services for the U.S. Quiddich World Cup hosted locally at Saluda Shoals Park
- World Police and Fire Games** (Fairfax, VA) June – July 2015
Athletic Trainer (Volunteer)
- Provide first responder and athletic training services to participants – Flag Football, Tennis, Track and Field, Triathlon, and Ultimate Firefighter events
- South Carolina United Soccer** (Columbia, SC) 2012 – 2019
Athletic Trainer
- Provide athletic training services for local youth soccer tournaments (October 2012, March 2013, October 2013, December 2013, March 2014, March 2019)
- United States Tennis Association** (Lexington, SC) October 2012
Athletic Trainer
- Provide athletic training services for USTA Junior Team National Tennis Championship
- University of Virginia** (Charlottesville, VA) Summer 2011, 2012
Athletic Trainer (2012)
First Responder (2011)
- Provide athletic training services for the Women’s Soccer and Field Hockey summer camps (2012)
 - Provide first responder coverage for Football, Softball, and Field Hockey summer camps (2011)
- James Madison University** (Harrisonburg, VA) August 2010 – May 2012
Athletic Training Student
- Clinical experiences included JMU Women’s Swimming and Diving (Spring 2012), Bridgewater College Football (Fall 2011), JMU Football (Spring 2011), JMU Women’s Basketball (Fall 2010 – Spring 2011), JMU Baseball (Fall 2010), Spotswood High School (August 2010), Harrisonburg High School (August 2010) and general medicine clinic
 - Undergraduate Teaching Assistant for Field Application in Athletic Training (ATEP 307; Fall 2011)
 - Independent Study – Aquatic Rehabilitation (Fall 2011)

Honors and Awards

- Graduate South Carolina Athletic Training Student Association Doctoral Student of the Year (May 2020)
- Department of Exercise Science Outstanding Doctoral Student Achievement Award (April 2020)
- Professional Football Athletic Trainers’ Society Larry “Stosh” Neumann Memorial Scholarship, awarded by the NATA Research and Education Foundation, \$2,300 (2019/20 Academic Year)
- Dean’s Student Travel Award, awarded by the Council of Graduate Directors of the Arnold School of Public Health, \$200 (April 2017), \$300 (May 2019)

- Exercise Science Travel Grant, awarded by the Department of Exercise Science, \$200 (March 2017), \$300 (April 2019)
- The Graduate School Travel Grant, awarded by the Fellowships and Scholarship Committee of the Graduate Council, \$500 (March 2017), \$500 (March 2019)
- Arnold School of Public Health Fellowship, \$10,000 (2017/18 Academic Year)
- Discover USC 3-Minute Thesis Competition Finalist; Heat F Winner (April 2017)
- The National Society of Collegiate Scholars, James Madison University (April 2009)

Professional Licenses & Certifications

Current/Active

National Provider Identifier (#1861744781)	
Board of Certification (#2000009700)	05/25/2012 – Exp 12/31/2021
Louisiana Athletic Trainer License (#326771)	05/21/2021 – Exp 06/30/2022
Alabama License to Practice Athletic Training (#2401)	07/22/2020 – Exp 12/31/2021
National Registry Advanced EMT (#A2027469)	12/19/2018 – Exp 03/31/2023
Louisiana AEMT License (#LA21-3670)	06/07/2021 – Exp 03/31/2023
Alabama AEMT License (#2000614)	09/16/2020 – Exp 03/31/2023
South Carolina AEMT Certification (#SC029675)	01/14/2019 – Exp 01/15/2023
American Red Cross Basic Life Support Instructor (#00FHTFJ)	10/20/2020 – Exp 10/20/2022
American Heart Association BLS Provider	Exp 07/2022
Mental Health First Aid USA	03/23/2019 – Exp 03/23/2022
Graston Technique Module 1	07/2012 – No Expiry
NASM Corrective Exercise Specialist (#1465843)	01/2014 – No Expiry
Stop the Bleed: Bleeding Control Basic Course Instructor	02/2018 – No Expiry
FEMA IS-00100.c Introduction to Incident Command System, ICS-100	05/01/2019 – No Expiry
FEMA IS-00200.c Basic Incident Command System for Initial Response	05/02/2019 – No Expiry
FEMA IS-00700.b An Introduction to the National Incident Management System	05/04/2019 – No Expiry
FEMA IS-00800.c National Response Framework, An Introduction	05/05/2019 – No Expiry

Inactive/Expired

American Heart Association BLS Instructor (#05180682236)	10/18/2018 – Exp 10/2020
South Carolina AT Certification (#1371)	07/17/2012 – Exp 07/17/2020
South Carolina EMT Certification (#SC029675)	03/24/2016 – Exp 03/15/2020
National Registry EMT (#E3244822)	03/18/2016 – Exp 03/31/2020
Virginia Volunteer License to Practice Athletic Trainer (#0128000025)	06/02/2015 – Exp 06/02/2016

Professional Memberships

Current

- American Public Health Association (2021 – Present)
- Louisiana Athletic Trainers' Association (2021 – Present)
- Society for Transparency, Openness, and Replication in Kinesiology (2020 – Present)
- Mu Chapter Delta Omega Honor Society (2020 – Present)
- Southeast Athletic Trainers' Association (2020 – Present)
- National Athletic Trainers' Association (2010 – Present)

National Association of Emergency Medical Technicians (2016 – Present)
Public Safety Athletic Trainers' Society (2017 – Present)
National Strength and Conditioning Association (2014-2015, 2020 – Present)

Past

Southeast American College of Sports Medicine Regional Chapter (2019 – 2021)
American College of Sports Medicine (2013 – 2014, 2016 – 2021)
Alabama Athletic Trainers' Association (2020 – 2021)
Mid-Atlantic Athletic Trainers' Association (2010 – 2020)
South Carolina Athletic Trainers' Association (2012 – 2020)
Virginia Athletic Trainers' Association (2010 – 2012)

Professional Development

Certificate Programs

- SEATA LEADS Program (July 2021 – Present)
- UAB CCTS 2021 Clinical and Translational Science (CTS) Training Program (January – June 2021)
- AU New Faculty Scholars Program (2020/21 Academic Year)
- UofSC Preparing Future Faculty Program Certificate (April 2019)
- Postural Restoration Institute Postural Respiration Home-Study Course (May 2018)

Conference & Symposium Attendance

- Attendee at Southeast Athletic Trainers' Association Symposium (April 2021[Virtual])
- Attendee at Athletic Training Educators' Conference (February 2019, April 2021[Virtual])
- Attendee at International Scientific EMS Symposium 2020 Virtual (November 2020)
- Attendee at Future Battlefield Series: Soldier Performance Forum (November 2020)
- Attendee at State of Science: Research on Women in the Fire Service Conference (November 2020)
- Attendee at 2020 NIH Virtual Seminar (October 2020)
- Attendee at National Strength and Conditioning Tactical Annual Training (August 2020)
- Attendee at Auburn University Health Disparities Research Initiative Virtual Symposium (July 2020)
- Attendee at Southeast American College of Sports Medicine Annual Meeting (February 2020)
- Attendee at American College of Sports Medicine Annual Meeting (May 2019)
- Attendee at the International Institute for Race Medicine 2019 Sports Medicine Conference Series: Boston, MA. Interprofessional Management of Endurance Medicine (April 2019)
- Attendee at National Athletic Trainers' Association Clinical Symposia & AT Expo (June 2017, 2018, 2020[Virtual], 2021[Virtual])
- Attendee at South Carolina Athletic Trainers' Association Annual Symposium (July 2015, 2016, 2017, 2018, 2019)
- Attendee at Mid-Atlantic Athletic Trainers' Association Annual Meeting and Clinical Symposium (2013)

University Workshops & Training

- UAB CCTS Case Studies in Mentoring (April 2021 – June 2021)
- UAB CCTS Case Studies in Collaboration and Teamwork (February – March 2021)
- AU University Writing Faculty Writing Retreat (December 2020)
- AU University Writing Faculty Grant Writing Workshop (November 2020)
- AU University Writing WoW Wednesday: Writing Literature Reviews (October 2020)
- AU University Writing WoW Wednesday: Mindfulness Strategies for Writer's Block and Writing Anxiety (September 2020)

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- AU University Writing WoW Wednesday: Visual Communication for Research (September 2020)
 - AU LGBTQ+ Safe Zone Ally Training (September 2020)
 - AU Campus Safety and Security: Emergency Preparedness for Employees (August 2020)
 - UAB Center for Clinical and Translational Science Translational Research Summer Series (Summer 2020)
 - UofSC Center for Teaching Excellence: Entering Mentoring: Cultivating Ethical Behavior (June 2020)
 - UofSC Center for Teaching Excellence: Writing Your Teaching Philosophy (October 2019)
 - UofSC Center for Teaching Excellence: Teaching at an R1 Very High Research Institution (April 2019)
 - UofSC Student Health Services Gatekeeper Suicide Prevention Training (May 2017)
 - UofSC Center for Teaching Excellence: Responding to an Active Shooter (February 2017)
 - UofSC Center for Teaching Excellence: Teaching Critical Thinking (January 2017)

Other Professional Development Activities

- Member of Auburn University Postdoctoral Association (June 2020 – May 2021)
- National Center for Faculty Development & Diversity 14-Day Writing Challenge (November 2018, July 2019, October 2020)
- UofSC Department of Exercise Science Phlebotomy Training (Spring 2017)
- McCausland Center for Brain Imaging MRI Safety Training Level I (August 2016)
- Functional Lower Quarter Biomechanics Workshop, Peachtree, GA (June 2015)
- Founding Member of Graduate South Carolina Athletic Training Students' Association (Fall 2013 – Spring 2014)
- Member of Madison Athletic Training Student Association (Fall 2008 – Spring 2012)