

CURRICULUM VITA

SCOTT L. BRUCE, ED.D., ATC

Associate Professor/Clinical Education Coordinator
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EDUCATIONAL BACKGROUND

- Doctor of Education** University of Tennessee at Chattanooga, Chattanooga, TN
July 2011 – May 2014
Doctor of Education - Learning and Leadership
Dissertation: **Bruce, S. L.**, Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2014). *Prediction modeling for graduate athletic training education programs*. (Ed. D. Doctoral Dissertation), Chattanooga, TN, UTC Scholar. <http://scholar.utc.edu/theses/103>
- Master of Science** Eastern Illinois University, Charleston, IL
Physical Education with a concentration in Sports Medicine
Awarded May 1988
- Bachelor of Science** East Stroudsburg University, East Stroudsburg, PA
Health and Physical Education with an emphasis in Athletic Training
Awarded December 1983

CERTIFICATIONS AND LICENSURES

- Certified Athletic Trainer, Board of Certification: NATA Membership Number – 801389
BOC Certification Number 000021078
- National Provider Identifier (NPI) number: 1619942364
- Athletic Trainer, State of Arkansas State Board of Athletic Training: AT 859
- Collaborative Institutional Training Initiative (CITI) Online IRB Training Courses
- CPR/AED for the Professional Rescuer & Administering Emergency Oxygen - American Heart Association
(Renewed Annually)
- ImPACT Neurocognitive Test Battery Trained Athletic Trainer

PROFESSIONAL EXPERIENCE

Delta Concussion Project, (A collaborative community-based project between Arkansas State University and St. Bernard's Medical Center), Jonesboro, AR

Co-Founder – July 2021– Present

Arkansas State University, Jonesboro, AR

Assistant Dean of Research, College of Nursing & Health Professions, Associate Professor/Director of Research, Masters of Athletic Training Program – August 2020 – Present

Masters of Athletic Training Program

Tenured faculty appointment

Arkansas State University, Jonesboro, AR

Associate Professor/Director of Research, Masters of Athletic Training Program, College of Nursing & Health Professions – August 2019 – August 2020

Masters of Athletic Training Program

Tenure-track appointment

Arkansas State University, Jonesboro, AR

Associate Professor/Clinical Education Coordinator, Masters of Athletic Training Program, College of Nursing & Health Professions – August 2018 – August 2019

Masters of Athletic Training Program

Tenure-track appointment

Wright State University, Dayton, OH

Assistant Professor/Director of Research, College of Education & Human Services, Kinesiology and Health Department – August 2014 – June 2018

Baccalaureate Professional Athletic Training Program

Tenure-track appointment

University of Tennessee at Chattanooga, Chattanooga, TN

Lecturer/Director of Recruitment, College of Health & Human Services, Department of Health and Human Services – August 2006 – June 2014

Graduate Professional Athletic Training Program

Non-tenured faculty appointment

Chattanooga Concussion Prevention Initiative, Chattanooga, TN

Founder – May 2012 – June 2014

Volunteer Athletic Trainer, Signal Mountain High School, Signal Mountain, TN

August 2008 – December 2013

Worked primarily with the high school's football and baseball teams

California University of PA, California, PA

Assistant Professor/Head Athletic Trainer – August 2004 – May 2006

College of Education and Human Services, Department of Health Science,

Tenure-track appointment

Baccalaureate Professional Athletic Training Program

Graduate Post-Professional Program in Athletic Training

University of Miami, Coral Gables, FL
Assistant Athletic Trainer/Adjunct Faculty – July 2001 – July 2004
Baccalaureate Professional Athletic Training Program

Slippery Rock University, Slippery Rock, PA
Head Athletic Trainer – January 1993 – July 2001

Adrian College, Adrian, MI
Head Athletic Trainer/Instructor – August 1988 – December 1992

Eastern Illinois University, Charleston, IL
Graduate Assistant Athletic Trainer - August 1987 – May 1988

Geneva College, Beaver Falls, PA
Head Athletic Trainer/Instructor – August 1984 – July 1987

PROFESSIONAL MEMBERSHIPS

American College of Sports Medicine (ACSM)

Arkansas Athletic Trainers' Association (AATA)

National Athletic Trainers' Association (NATA)

Southwest Athletic Trainers' Association (SWATA)

TEACHING ACTIVITIES

(Since 2006)

Arkansas State University, Jonesboro, AR

(The number to the right of the course title is the number of times I have taught that course)

Graduate courses (2018 – ongoing)

AT 5303 – Gross Anatomy (1)

AT 5403 – Principles of Evidence-based Practice (4)

AT 5503 – Clinical Education in Athletic Training I (1)

AT 5603 – Orthopedic Assessment I – Lower Extremity (3)

AT 5613 – Orthopedic Assessment II –Upper Extremity (2)

AT 5606 – Orthopedic Assessment (combined upper & lower extremity assessment into 1 course) (2)

AT 5713 – Therapeutic Interventions II: Therapeutic Exercise (4)

AT 5723 – Therapeutic Interventions III: Therapeutic Rehabilitation and Manual Therapies (4)

AT 6802 – Seminar in Athletic Training (3)

AT 6812 – Athletic Training Capstone Project (3)

Wright State University, Dayton, OH

(The number to the right of the course title is the number of times I have taught that course)

Undergraduate courses (2014 – 2018)

ATR 2840 Basic Skills in AT (3)

ATR 3030 Therapeutic Exercise (6)

ATR 4610 Org & Admin. In AT (3)

ATR 4620 Adv. Concepts in AT (1)

(Course was team taught with another professor)

ATR 4630 Evidence Based Practice in Athletic Training (3)

(Wright State University cont.)

ATR 4840 Adv. Rehabilitation Techniques (3)

(Course was team taught with another professor)

ATR 4850 Surgical Applications (3)

(Course was team taught with physician)

ATR 4860 Medical Conditions in AT (3)

(Course was team taught with family practice resident physician)

ATR 4870 Athletic Training Internship (3)

University of Tennessee at Chattanooga, Chattanooga, TN

(The number to the right of the course title is the number of times I have taught that course)

Undergraduate courses (2006 – 2014)

HHP 1000 - Personal Health (2)

HHP 2990 - Introduction to Research Methods in Health & Human Performance (5)

(Course was taught twice as a hybrid)

HHP 3400 - Care & Prevention of Athletic Injuries (4)

HHP 4350 - Worksite Health Promotion (3)

University of Tennessee at Chattanooga, Chattanooga, TN (cont.)

Graduate courses (2006 – 2014)

HHP 5610 Orthopedic Evaluation (8)

HHP 5615 Orthopedic Evaluation Lab (7)

(Primary instructor and coordinator as course was team taught with 3 other professors)

HHP 5700 Therapeutic Exercise in Rehabilitation (4)

HHP 5705 Therapeutic Exercise in Rehabilitation Lab (4)

HHP 5710 Therapeutic Modalities (3)

HHP 5715 Therapeutic Modalities Lab (3)

HHP 5820 General Medical Aspects in Athletic Training (4)

(Team taught with family practice resident)

HHP 5825 Athletic Training Practicum III (3)

HHP 5925 Advanced Athletic Training Practicum (5)

SCHOLARSHIP

RESEARCH AND SCHOLARLY ACTIVITIES

Refereed Articles

- Abfall, M. K., & **Bruce, S. L.** (1998). Improving proprioception and neuromuscular control following lower extremity injury. *Athletic Therapy Today*, 3(5), 37. doi: 10.1123/att.3.5.37
- Bradley, R., & **Bruce, S.** (2020). Survey return rates for athletic trainers [Research Article]. *The Sports Journal*, 1-7. Retrieved from <https://thesportjournal.org/article/survey-return-rates-for-athletic-trainers/>
- Bradley, R., & **Bruce, S. L.** (2021) Collegiate staffing patterns in south carolina between 2014 to 2019. Under review. *International Journal of Athletic Therapy and Training*. 2021
- Bruce, S. L.**, & Wilkerson, G. B. (2010a). Clinical prediction rules, part 1: conceptual overview. *Athletic Therapy Today*, 15(2), 4-9. doi: 10.1123/att.15.2.4
- Bruce, S. L.**, & Wilkerson, G. B. (2010b). Clinical prediction rules, part 2: data analysis procedures and clinical application of results. *Athletic Therapy Today*, 15(2), 10-13. doi: 10.1123/att.15.2.10
- Bruce, S. L.**, Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2016). Prediction modeling for academic success in a professional graduate athletic training program. *Athletic Training Education Journal*, 11(4), 194-207. doi: 10.4085/1104194
- Bruce, S. L.**, Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2019). Prediction modeling for Board of Certification exam success for a professional master's athletic training program. *Journal of Sports Medicine and Allied Health Sciences: Official Journal of the Ohio Athletic Trainers Association*, 5(2), Article 7. doi: 10.25035/jsmahs.05.02.07 <https://scholarworks.bgsu.edu/cgi/viewcontent.cgi?article=1165&context=jsmahs>.
- Bruce, S. L.**, Dorney, K. (2020). Posturing responses in concussions in elite football players. *International Journal of Athletic Therapy & Training*, 25(4), 203-207. DOI: 10.1123/ijatt.2019-0031 <https://doi.org/10.1123/ijatt.2019-0031>
- Bruce, S. L.**, Fagan, S., Cummins, C., Kidd, B., & Harvey, J. (2017). Effect of therapeutic tape on upper extremity reaction time. *The Sport Journal*. January 12, 2017. Retrieved from The Sport Journal website: <http://thesportjournal.org/article/effect-of-therapeutic-tape-on-upper-extremity-reaction-time/>
- Bruce, S. L.**, Rush, J. R., Torres, M. M., & Lipscomb, K. J. (2017). Test-retest and inter-rater reliability of core muscular endurance tests used for injury screening. *International Journal of Athletic Therapy & Training*, 22(2), 14-20. doi: 10.1123/ijatt.2016-0001
- Bruce, S. L.**, Stauffner, S., Chaney, A., & Garrison, K. (2016). Taking Concussion Vital Signs neurocognitive test under varied conditions. *The Sport Journal*. Retrieved from The Sport Journal website: <http://thesportjournal.org/article/taking-concussion-vital-signs-neurocognitive-test-under-varied-conditions/>
- Bruce, S. L.**, Wasielewski, N., & Hawke, R. L. (1997). Cubital tunnel syndrome in a collegiate wrestler: a case report. *Journal of Athletic Training*, 32(2), 151. PMID: PMC1319819
- Bruce, S. L.**, Wilkerson, G. B. (2021) Whole-body reactive agility metrics to identify football players with a core and lower extremity injury risk. *Frontiers in Sports and Active Living*, October 2021(3), Article 733567; 1-14. doi: 10.3389/fspor.2021.733567
- Cantu, R., Aubry, M., Dvorak, J., Graf-Baumann, T., Johnston, K., Kelly, J., . . . McLeod, T. (2006). Overview of concussion consensus statements since 2000. *Neurosurgical Focus*, 21(4), E3. PMID: 17112193
- Guskiewicz, K. M., **Bruce, S. L.**, Cantu, R. C., Ferrara, M. S., Kelly, J. P., McCrea, M., . . . McLeod, T. C. V. (2004). National Athletic Trainers' Association position statement: management of sport-related concussion. *Journal of Athletic Training*, 39(3), 280-287. PMID: 15514697

Guskiewicz, K. M., **Bruce, S. L.**, Cantu, R. C., Ferrara, M. S., Kelly, J. P., McCrea, M., . . . McLeod, T. C. V. (2006). Research based recommendations on management of sport related concussion: summary of the National Athletic Trainers' Association position statement. *British Journal of Sports Medicine*, 40(1), 6-10. PMID: PMC2491919

Guskiewicz, K., **Bruce, S.**, Cantu, R., Ferrara, M., Kelly, J., McCrea, M., . . . McLeod, T. (2004). Recommendations on management of sport-related concussion: summary of the National Athletic Trainers' Association position statement. *Neurosurgery*, 55(4), 891-895. PMID: 15458597

Taylor, E. L., **Bruce, S. L.**, Knight, C. L., Long, J. G. College Student-Athletes Perceptions of Seeking Mental Health Services. *International Journal of Athletic Therapy & Training*. Under review.

Zadeh, A., Taylor, D., Bertso, M., Tillman, T., Nosoudi, N., & **Bruce, S.** (2020). Predicting sports injuries with wearable technology and data analysis. *Information Systems Frontiers*. 1-15. DOI: 10.1007/s10796-020-10018-3 <https://link.springer.com/content/pdf/10.1007/s10796-020-10018-3.pdf>

Research Abstracts

Bruce, S. L. (2022) Using whole-body reactive agility for the detection of concussion history and concussion susceptibility. *British Journal of Sports Medicine*. Accepted for Publication

Bruce, S. L. (2022) Sports Fitness Index survey for association with sport-related concussion. *Journal of Athletic Training*. 57(6S), S-184.

Bruce, S. L., Bertso, M. L., Marshall D. L., DiMasso A. E. (2018) Musculoskeletal injury risk among army ROTC cadets. *Journal of Athletic Training*. 53(6S), S-164.

Bruce, S. L., Crawford, E., Wilkerson, G. B., Dale, R. B., Harris, M. (2015) Prediction Modeling for Graduate Athletic Training Programs - BOC Success. *Journal of Athletic Training*. 50(6S), S-189.

Cole, M., McCollister, M., Griener, N., Fagan, S., Froehle, A., Curry, N., . . . **Bruce, S. L.** (2017). Assessment of Functional Movement Screening by assessors of three different skill levels. *Journal of Sports Medicine and Allied Health Sciences: Official Journal of the Ohio Athletic Trainers Association*, 3(1), 18. <https://scholarworks.bgsu.edu/cgi/viewcontent.cgi?article=1079&context=jsmahs>

Cummins, C., Kidd, B., Harvey, J., Fagan, S., & **Bruce, S. L.** (2017). Effect of Kinesio Tape, Rock Tape, and a sham tape on upper extremity reaction time. *Journal of Sports Medicine and Allied Health Sciences: Official Journal of the Ohio Athletic Trainers Association*, 3(1), 19. <https://scholarworks.bgsu.edu/jsmahs/vol3/iss1/19>

Fahrner, K. M., Wheeler, B. M., & **Bruce, S. L.** (2017). Comparison from Dynavision training on Concussion Vital Signs performance. *Journal of Sports Medicine and Allied Health Sciences: Official Journal of the Ohio Athletic Trainers Association*, 3(1), 20. <https://scholarworks.bgsu.edu/jsmahs/vol3/iss1/20>

Zadeh, A., & **Bruce, S.** (2019). *Wearable technology and analytics for sport injury prediction wearable technology and data science for injury prediction in sports TREO talk paper*. Paper presented at the Twenty-fifth Americas Conference on Information Systems, Cancun, Mexico. Abstract retrieved from <https://aisel.aisnet.org/cgi/viewcontent.cgi?article=1536&context=amcis2019>

Non-refereed Articles

Bruce, S. (2013, October). Headaches are not just concussions. *Coach and Athletic Director*, 83, 19-20.

Bruce, S. L. (2001). In the game. Shouldering the pain: how to analyze and treat overhead throwing athletes. *Advance for Directors in Rehabilitation*, 10, 25-28

Bruce, S. L. (2009, December). Conservatively manage concussions: better safe than sorry when dealing with brain injuries. *Coach and Athletic Director*, 79, 18-19.

Romani-Ruby, C., **Bruce, S.**, & Sander, S. (2006, November). Line up with Pilates *Coaching Management*, 14.

Romani-Ruby, C., **Bruce, S. L.**, & Sander, S. (2006, April). Pilates on the line. *Training & Conditioning*, XVI, 47-52.

Research Poster Presentations

Audia, J. R., Carr, T. M., & **Bruce, S. L.** (2017, April). *Clinical prediction modeling for an NCAA Division II football team*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH

Baldwin, B., & **Bruce, S. L.** (2008, April). *Upper extremity dysfunction in collegiate softball athletes: a case series*. Research Poster. Orthopaedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.

Banyi, J., **Bruce, S. L.**, & Wilkerson, G. B. (2008, April). *Core stability measures as risk indicators for injury in female collegiate athletes*. Research Poster. Orthopaedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.

Berberich, E. F., West, T. J. M., Bower, R. R., & **Bruce, S. L.** (2017, April). *Factors contributing to the work-life balance of athletic trainer-mother employed in the secondary school setting*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.

Bertsos, M. L., Marshall, D. L., DiMasso, A. E., & **Bruce, S. L.** (2017, April). *Prediction model of injuries in college-aged army ROTC cadets*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.

Briggerman Jr, C., Hibberd, Z., & **Bruce, S. L.** (2015, April). *Injury rate in intramural sports*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH

Bruce, S. L. (2022, June) *Sports Fitness Index survey for association with sport-related concussion*. Research Poster. Presented at the 73rd National Athletic Trainers' Association Clinical Symposia & Athletic Training Expo, Philadelphia, PA

Bruce, S. L. (2022, May) *Sports fitness index survey for association with sport-related concussion*. Research Poster. Presented at the 2022 World Congress of the World Federation of Athletic Training & Therapy, in conjunction with the Canadian Athletic Therapists' Association, Winnipid, Manitoba, Canada.

Bruce, S. L., Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2014a, March). *Prediction modeling for BOC exam success for students from a graduate athletic training program*. Research poster. Celebration of Graduate Student Scholarship. Chattanooga, TN.

Bruce, S. L., Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2014b, March). *Prediction modeling for graduate athletic training education program success – alternate model*. Research poster. Celebration of Graduate Student Scholarship. Chattanooga, TN.

Bruce, S. L., Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2014c, March). *Prediction modeling for graduate athletic training education program success – initial model*. Research poster. Celebration of Graduate Student Scholarship. Chattanooga, TN.

Bruce, S. L., Crawford, E., Wilkerson, G. B., Dale, R. B., Rausch, D., & Harris, M. (2015, June). *Prediction modeling for graduate athletic training programs – BOC success*. Research poster presented at a RapidFire Free Communication session on Athletic Training Student Professional Development and Career Advancement National Athletic Trainers' Association Clinical Symposia & AT Expo. National Athletic Trainers' Association, St. Louis, MO.

- Bruce, S.L.,** Iyanda, K. (2022, October) *Using whole-body reactive agility for the detection of concussion history and concussion susceptibility*. Poster presented at the 6th International Consensus Conference on Concussion in Sport, Amsterdam, The Netherlands. DOI: 10.13140/RG.2.2.16793.08804
- Burke, B. J., **Bruce, S. L.,** Moore, C. M., & Bradley, R. (2021, April) *Reliability of visuomotor reaction time on the Reflexion Edge light board*. Poster presentation at the Arkansas Athletic Trainers' Association Annual Convention and Clinical Symposium, Fayetteville, AR. DOI: 10.13140/RG.2.2.20387.17440
<https://onedrive.live.com/?cid=A6F42D3D6EDBC90C&id=A6F42D3D6EDBC90C%21135535&parId=A6F42D3D6EDBC90C%21135483&o=OneUp> (Note: This project was also selected as the winner for the *Arkansas Athletic Trainers' Association's Student Research Poster Contest* (number of submissions is unknown)).
- Burke, B. J., **Bruce, S. L.,** Moore, C. M., & Bradley, R. (2021, April) *Reliability of visuomotor reaction time on the Reflexion Edge Light Board*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.20387.17440
<https://onedrive.live.com/?cid=A6F42D3D6EDBC90C&id=A6F42D3D6EDBC90C%21135535&parId=A6F42D3D6EDBC90C%21135483&o=OneUp> (Note: This project won the *Dean's Award* for the best research project in the College of Nursing and Health Professions, (out of 68 presentations).
- Cecil, T. M., **Bruce, S. L.,** Bradley, R., & Moore, C. M. (2020, April). *Effect of whole-body reactive agility training on volleyball player performance*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.33819.00804
<https://www.youtube.com/watch?v=WSqFRucV6C0&t=2s>
- Chambers, A., Walker-Gundolff, B., Beasley, K., & **Bruce, S. L.** (2015, April). *Comparison of athletic training room facilities and its relationship to the percent of athletes injured*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH
- Clark, A. S., **Bruce, S. L.,** & Wilkerson, G. B. (2012a, April). *The relationship between neurocognitive reaction time and incidence of core or lower extremity sprains or strains*. Research Poster. Orthopedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.
- Clark, A. S., **Bruce, S. L.,** & Wilkerson, G. B. (2012b, April). *The relationship between neurocognitive reaction time and incidence of core or lower extremity sprains or strains*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Cockrell, K. N., & **Bruce, S. L.** (2008, April). *Predictors of lower extremity injury in female collegiate soccer and softball athletes*. Research Poster. Orthopedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.
- Cole, M., McCollister, M., Fagan, S., & **Bruce, S. L.** (2016, April). *Assessment of Functional Movement Screening by assessor of three different skill levels*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Cole, M., McCollister, M., Fagan, S., & **Bruce, S. L.** (2017 May). *Assessment of Functional Movement Screening by assessor of three different skill levels*. Research Poster. Presented at the Ohio Athletic Trainers' Association State Meeting and Clinical Symposium., Sandusky, OH.
- Coleman, S. T., **Bruce, S. L.,** Moore, C. M., & Bradley, R. (2020, April). *Predictive value of injury risk screening for intercollegiate basketball players*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.18719.51365 <https://www.youtube.com/watch?v=qC6ioTkQmoQ&t=9s>
- Cummins, C., Kidd, B., Harvey, J., Fagan, S., & **Bruce, S. L.** (2017 May). *Effect of Kinesio-Tape, Rock Tape and a sham tape on upper extremity reaction time*. Presented at the Ohio Athletic Trainers' Association State Meeting and Clinical Symposium., Sandusky, OH.
- Cummins, C., Kidd, B., Harvey, J., Fagan, S., & **Bruce, S. L.** (2016, April). *Effect of Kinesio-Tape, Rock Tape and a sham tape on upper extremity reaction time*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.

- Dorman, J., Gregorich, J., & **Bruce, S. L.** (2013, April). *A possible alternative to computerized neurocognitive testing for quantification of reaction time*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Dorney, K., Kessler, A. J., & **Bruce, S. L.** (2016, April). *The fencing response in concussions to NFL football players*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Eodice, S., Potus, E., Hurley, H., & **Bruce, S. L.** (2016, April). *Intramural sport injury rates*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Etter, M. E., **Bruce, S. L.**, Moore, C. M., & Bradley, R. (2020, April). *Effect of two 5-week vision training sessions with baseball players*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.15364.07046 https://www.youtube.com/watch?v=r16h8a_CF9Y
- Etter, M. E., Jacques, N. H., & **Bruce, S. L.** (2019, April). *Posturing responses in concussions to mixed martial arts fighters*. Presented at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.24172.10883
- Fahrner, K., Wheeler, B., & **Bruce, S. L.** (2016, April). *Dynavision effects on Concussion Vital Signs scores*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Fahrner, K., Wheeler, B., & **Bruce, S. L.** (2017 May). *Dynavision effects on Concussion Vital Signs scores*. Presented at the Ohio Athletic Trainers' Association State Meeting and Clinical Symposium., Sandusky, OH.
- Friess, L., & **Bruce, S. L.** (2009, April). *Predictors of overuse shoulder injuries in collegiate volleyball athletes*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, University of Tennessee at Chattanooga, Chattanooga, TN.
- Friess, L., & **Bruce, S. L.** (2010, February). *Predictors of overuse shoulder injuries in collegiate volleyball athletes*. Research Poster. Southeastern Athletic Trainers' Association 2nd Biennial Athletic Training Educators' Conference. Atlanta, GA.
- Greier, N., Davis, S., & **Bruce, S. L.** (2016, April). *Effect of a physical cardiovascular challenge upon Dynavision performance: a pilot study*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Gustin, M. L., Schnippel, E. H., & **Bruce, S. L.** (2015, April). *Association of Biodex Balance of injury risk*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Gustin, M. L., Schnippel, E. H., & **Bruce, S. L.** (2016, February). *Association of Biodex Balance of injury risk*. Research Poster. Southeastern Athletic Trainers' Association 5th Biennial Athletic Training Educators' Conference Atlanta, GA.
- Halford AC, **Bruce SL**, Bradley R, Moore CM. (April 2022). *Normative data for Reflexion Edge device*. Presented at the Arkansas Athletic Trainers' Association Annual Meeting, Little Rock, AR.
- Halford AC, **Bruce SL**, Bradley R, Moore CM. (April 2022). *Normative data for Reflexion Edge device*. Presented at the Create@State, Arkansas State University, Jonesboro, AR.
- Harris JK, **Bruce SL**, Bradley R, Moore CM. (April 2022). *Reaction time compared among 5 different instruments*. Presented at the Arkansas Athletic Trainers' Association Annual Meeting, Little Rock, AR.
- Harris JK, **Bruce SL**, Bradley R, Moore CM. (April 2022). *Reaction time compared among 5 different instruments*. Presented at the Create@State, Arkansas State University, Jonesboro, AR.

- Haywood, N. L., **Bruce, S. L.**, Bradley, R., & Moore, C. M. (2020, April). *Assessment of pre-participation injury risk factors in FBS intercollegiate football players*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.11169.76645
<https://www.youtube.com/watch?v=8OQV8HMEYXQ> (Note: This project won the *Dean's Award* for the best research project in the College of Nursing and Health Professions, (out of 81 presentations), and the *Chancellor's Award* for the best research project across the University, (out of 158 presentations))
- Henley, S., **Bruce, S. L.**, & McDermott, B. P. (2012a, April). *Relationship of life events to injury risk in Division I-FCS college football players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Henley, S., **Bruce, S. L.**, & McDermott, B. P. (2012b, February). *Relationship of life events to injury risk in Division I-FCS college football players*. Research Poster. Southeastern Athletic Trainers' Association 3rd Biennial Athletic Training Educators' Conference. Atlanta, GA.
- Henley, S., **Bruce, S. L.**, & Riley, C. (2011a, January). *Pneumothorax in a high school football player: case report*. Research Poster. Tennessee Athletic Trainers' Society Annual Meeting and Clinical Symposium. Nashville, TN.
- Henley, S., **Bruce, S. L.**, & Riley, C. (2011b, April). *Pneumothorax in a high school football player: case report*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Henley, S., **Bruce, S. L.**, McDermott, B. P., Cunningham, C. J. L., & Weathington, B. (2011, April). *Relationship of life events to injury risk in Division I-FCS college football players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, , Chattanooga, TN.
- Hughes, A. D., **Bruce, S. L.**, & Wilkerson, G. B. (2009, April). *Association of estimated body fat percent and Body Mass Index with injury patterns among collegiate football players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Iyanda, K. **Bruce, S. L.**, Bradley, R., & Moore, C. M. (2021, April) *The Effect of sport-related concussion on physical performance of collegiate football players*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.32131.22561
<https://onedrive.live.com/?cid=A6F42D3D6EDBC90C&id=A6F42D3D6EDBC90C%21135536&parId=A6F42D3D6EDBC90C%21135483&o=OneUp>
- Jones, M. M., Wilkerson, G. B., Colston, M. A., & **Bruce, S. L.** (2012, April). *Responses to the "Life Events Survey for Collegiate Athletes" as injury predictors*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN
- Jones, M. M., Wilkerson, G. B., Colston, M. A., & **Bruce, S. L.** (2012, April). *Responses to the "Life Events Survey for Collegiate Athletes" as injury predictors*. Research Poster. Orthopedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.
- Karch, E., Wilkerson, G. W., & **Bruce, S. L.** (2011, April). *Analysis of college wrestlers' characteristics relevant to injury risk*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Karch, E., Wilkerson, G. W., & **Bruce, S. L.** (2012, February). *Analysis of college wrestlers' characteristics relevant to injury risk*. Research Poster. Southeastern Athletic Trainers' Association 3rd Biennial Athletic Training Educators' Conference. Atlanta, GA.
- Kindall, J. D., & **Bruce, S. L.** (2008, April). *Reliability of unilateral zig-zag hop test times for male and female basketball players*. Research Poster. Orthopaedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.

- Lammers, J. D., **Bruce, S. L.**, Bradley, R., & Moore, C. M. (2020, April). *Neuromechanical factors associated with intercollegiate women's athlete injury risk*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.17880.65281
<https://www.youtube.com/watch?v=rgMCspuADP0>
- LaFever, A. E., **Bruce, S. L.**, Bradley, R., & Moore, C. M. (2021, April) *Comparison of TRAZER performance across 3 different levels of NCAA Division I football classifications*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.30453.50402
<https://onedrive.live.com/?cid=A6F42D3D6EDBC90C&id=A6F42D3D6EDBC90C%21135538&parId=A6F42D3D6EDBC90C%21135483&o=OneUp>
- Lynn, L E., **Bruce, S. L.**, Bradley, R., & Moore, C. M. (2020, April). *Comparative baseline game statistic data or intercollegiate men's and women's basketball*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.18709.45282
<https://onedrive.live.com/?cid=A6F42D3D6EDBC90C&id=A6F42D3D6EDBC90C%21135537&parId=A6F42D3D6EDBC90C%21135483&o=OneUp>
- McArthur, M. A., Schultz, R. C., Watkins, T. W., Ommert, M. M., & **Bruce, S. L.** (2017, April). *Effect of Dynavision™ training on King-Devick Test® performance*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.
- McMurry, M. M. M., Fulton, K., & **Bruce, S. L.** (2017, April). *Does therapeutic taping aid in pain control: A meta-analysis*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.
- Melendez, A., **Bruce, S. L.**, & Wilkerson, G. W. (2010, April). *Relationship of core fatigue-resistance to throwing accuracy as predictors factors for shoulder injuries in baseball players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Miloszewski, J. D., & **Bruce, S. L.** (2009, April). *Association of Balance Error Scoring System Scores with incidence of lower extremity injuries among college athletes*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, University of Tennessee at Chattanooga, Chattanooga, TN
- Moreland, M., McDermott, B., & **Bruce, S. L.** (2012, April). *Effect of hydration status on neurocognitive test results*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN
- Morrison, T. M., **Bruce, S. L.**, & Wilkerson, G. B. (2012, April). *Pre-participation injury risk status as a predictor of medical expenditures for college football players*. Research Poster. Orthopedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.
- Morrison, T. M., **Bruce, S. L.**, & Wilkerson, G. B. (2012, April). *Pre-participation injury risk status as a predictor of medical expenditures for college football players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Pfahl, T., Holzfaster, J., & **Bruce, S. L.** (2016, April). *Use of "athletic trainer" vs. "trainer" in the broadcast media*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Phillips, C., Stover, P., Bower, R., & **Bruce, S. L.** (2016, April). *Sleep quality & stress relationship to injury, recovery & performance*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Polahar, D., & **Bruce, S. L.** (2008, April). *A comparison of ATC vs. athlete perception of functional abilities*. Research Poster. Orthopaedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.

- Pontius, K. S., & **Bruce, S. L.** (2015, April). *Comparison of post-graduate placement by routes to BOC eligibility*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH
- Ramirez SM, **Bruce SL**, Bradley R, Moore CM. (April 2022). *Systematic review of clinical prediction models for musculoskeletal injury in athletes*. Presented at the Arkansas Athletic Trainers' Association Annual Meeting, Little Rock, AR.
- Ramirez SM, **Bruce SL**, Bradley R, Moore CM. (April 2022). *Systematic review of clinical prediction models for musculoskeletal injury in athletes*. Presented at the Create@State, Arkansas State University, Jonesboro, AR.
- Rigney, E. R., & **Bruce, S. L.** (2010, April). *Prediction of knee injury in female collegiate basketball players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Robinson, A., Sheridan, E., & **Bruce, S. L.** (2017, April). *Differences between two different neurocognitive test batteries: Concussion Vital Signs® and XLNTbrain™*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.
- Rush, J. R., Torres, M. M., Lipscomb, K. J., & **Bruce, S. L.** (2015, April). *Reliability of post-graduate placement by routes to BOC eligibility*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH
- Schroeder, K. N., Fritz, R. E., Herbst, H. A., & **Bruce, S. L.** (2015, April). *Athletic training education program faculty scholarship: an assessment of the quantity and quality*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH
- Smithers, J. L., Davis, R. W., Heffner, A. J., & **Bruce, S. L.** (2017, April). *Analysis of the impact of policies implemented by various ruling bodies on football fatalities*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.
- Soto, L. J., **Bruce, S. L.**, Bradley, R., & Moore, C. M. (2020, April). *Association of neuromechanical factors in intercollegiate football concussion risk*. Virtual poster presentation at the Create@State, Arkansas State University, Jonesboro, AR. DOI: 10.13140/RG.2.2.14525.20962 https://www.youtube.com/watch?v=vNk42O_AIEk
- Stanley, J. L., & **Bruce, S. L.** (2009, April 7). *A clinical prediction rule for overuse injuries of the upper extremity in college softball players*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.
- Stauffer, S., Chaney, A., Garrison, K., & **Bruce, S. L.** (2016, April). *The reliability of Concussion Vital Signs under varied conditions*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH.
- Steingass, G. A., Bretz, J. H., & **Bruce, S. L.** (2017, April). *The fencing response in concussions to NCAA FCS football players*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.
- Swartz, K. M., Eshbaugh, J. T., & **Bruce, S. L.** (2015, April). *Comparison of BESS, Biodex Balance System SD, and Sway Balance App*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH
- Talbot, M., & **Bruce, S. L.** (2008, April). *Effects of hippotherapy on orthopedic conditions in cerebral palsy patients: a case series*. Research Poster. Orthopedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN
- Taylor, D. J., Tillman, T. J., **Bruce, S. L.**, Bertso, M. L., DiMasso, A. E., & Marshall, D. L. (2017, April). *The use of wearable technologies for injury prediction*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.

Tucker, K. M., Mullis, M. A., Wilkerson, G. B., & **Bruce, S. L.** (2013, April). *Development of a prediction model for identification of high-cost sports injury cases*. Research Poster. Celebration of Graduate Student Scholarship. University of Tennessee at Chattanooga, Chattanooga, TN.

Tucker, K. M., Mullis, M. A., Wilkerson, G. B., & **Bruce, S. L.** (2014, February). *Development of a prediction model for identification of high-cost sports injury cases*. Research Poster. Southeastern Athletic Trainers' Association 4th Biennial Athletic Training Educators' Conference. Atlanta, GA.

Upchurch, K., & **Bruce, S. L.** (2008, April). *Benefits of a biomechanical taping procedure for shin splints a case series*. Research Poster. Orthopaedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.

Upchurch, K., & **Bruce, S. L.** (2008, April). *Effectiveness of sub-talar sling taping procedure on symptoms associated with medial tibial stress syndrome*. Research Poster. Orthopedic Research Grand Rounds. University of Tennessee at Chattanooga, Chattanooga, TN.

Watkins, T. W., Ommert, M. M., **Bruce, S. L.**, McArthur, M. A., & Schultz, R. C. (2017, April). *Effect of concussion history upon Dynavision™ reaction time*. Presented at the Celebration of Research, Scholarship, and Creative Activities, Wright State University, Dayton, OH.

Whip, M. R., Afsarifard, L. A., & **Bruce, S. L.** (2015, April). *Association of ImPACT neurocognitive reaction time and the incidence of injury to male student-athletes*. Research Poster. Celebration of Research, Scholarship, and Creative Activities. Wright State University, Dayton, OH

Williams KD, **Bruce SL**, Moore CM, Bradley R. (April 2022). *Clinical prediction model for musculoskeletal injuries: in Division I men's basketball athletes*. Presented at the Arkansas Athletic Trainers' Association Annual Meeting, Little Rock, AR.

Williams KD, **Bruce SL**, Moore CM, Bradley R. (April 2022). *Clinical prediction model for musculoskeletal injuries: in Division I men's basketball athletes*. Presented at the Create@State, Arkansas State University, Jonesboro, AR

Research in Progress

Brown, D., **Bruce, S. L.**, Examining the Effects of Perceptual Response Training on Shooting Accuracy in ROTC Cadets

Bruce, S. L., Bhattacharyya, S. Veterans Suicide Prevention Project

Cotton, M., Bruce, S. L., Prevalence of Metabolic Syndrome among Military Veterans

Craig, T., **Bruce, S. L.**, Are Virtual Reality Metrics Impacted by Concussions History in ROTC Cadets and Healthcare Students?

Drake, S., **Bruce, S. L.**, Shatley, A., Martin, A., Use of myofascial release on concussion symptoms

Escue, C., **Bruce, S. L.**, Can Pupillary Response Detect Concussions?

Frey, E., Clark, E. R., **Bruce, S. L.**, Core & Lower Extremity Injury Prediction using Sway Medical Phone App Metrics

Grey, J. E., Smith, G., **Bruce, S. L.**, Relationship between Mental Health and Concussion History in Military Veterans

Minton, S., **Bruce, S. L.**, Are Virtual Reality Metrics Reliable?

Pierce, P. R., Love, J. K., **Bruce, S. L.**, Pupillary Response between Virtual Reality and Pupillary Response Phone App

Robins, D., **Bruce, S. L.**, Perceptual Response Training and Its Effect on Sway Medical App Metrics in ROTC Cadets

Yelton, K. M., Winters, C. P., **Bruce, S. L.**, Effect of Perceptual Response Training Series on Reaction Time in Club Rugby Players

Podcasts

KASU - Ep 64 Create@State Podcast Features Reaction Times of Baseball Players. Available at: <https://www.kasu.org/post/ep-64-createsta-podcast-features-reaction-times-baseball-players> December 2019.

GRANTS REQUESTED AND AWARDED

March 2022 – **Bruce, S.L.**, Bhattacharyya, S. Effects of concussion on pupillary metrics in the acute and chronic stages. Awarded from the Kays Foundation [\$26,495]

October 2018 – **Bruce, S. L.**, Buxbaum, J., Leitterman, K., Bradley, R., Jacques, N. Musculoskeletal injury prediction model for instrumental musicians Requested from the Arkansas Biosciences Institute [3-year grant totaling \$82,500]

October 2018 – **Bruce, S. L.**, Buxbaum, J., Leitterman, K., Bradley, R., Jacques, N. Musculoskeletal injury prediction model for instrumental musicians Requested from the National Athletic Trainers' Association Research & Education Foundation [\$10,000]

February 2017 – **Bruce, S. L.**, Zadeh, A. H. Assessing the Potential Injury Prevention Value of Wearable Technology Data Requested from the National Athletic Trainers' Association Research & Education Foundation [\$50,000]

May 2016 – June 2017 – Zadeh, A. H., **Bruce, S. L.** Wearable Technology and Data Science for Injury Prevention in Sports Funded by: Wright State University Research Council [\$14,000]

December 2016 – May 2017 – Bower, R., **Bruce, S. L.** Factors contributing to the Work-life Balance of Athletic Trainer-Mothers Employed in the Secondary School Setting Funded by: Ohio Athletic Trainers' Association [\$270]

SCHOLARLY PRESENTATIONS

(Since 2006)

International

Bruce, S. L. (2016, November) *Evidence Based Practice: Clinical Prediction Modeling*. Presented at the International Sports Medicine and Strength Coaches Conference, Xenia, OH.

Bruce, S. L. (2015, November). *Empty Room Rehabilitation – What to do when resources are limited*. Presented at the International Sports Medicine and Strength Coaches Conference, Xenia, OH.

Bruce, S. L., Wilkerson, G. B., & Colston, M. A. (2011, January). *Plyometrics & Rehabilitation*. Presented at the Guatemala Asociacion Guatemalteca de Medicina del Futbol Guatemala City, Guatemala.

National

Bruce, S. L. (June 2022) *Whole-body Reactive Agility Metrics to Identify Football Players with Core and Lower Extremity Injury Risk*. Presented at the 73rd National Athletic Trainers' Association Clinical Symposia & Athletic Training Expo, Philadelphia, PA

- Bruce, S. L.** (2022 June) *Concussion Clinical Trajectories and Rehabilitation*. Presented at Sway Medical CEU event. (Presented virtually)
- Bruce, S. L.** (2019 October) *Prediction Modeling for Academic Success* Presented at the 2019 Association of Schools of Allied Health Professions Annual Conference, Charleston, SC.
- Dale, R. B., **Bruce, S. L.** (2018 October) *Identifying Third-Year Physical Therapy Students “At Risk” for Failing the National Physical Therapy Examination (NPTE) on the First Attempt*. Presented at the Educational Leadership Conference (ELC) 2018 (A collaborative effort of the Academy of Physical Therapy Education (Academy) and the American Council of Academic Physical Therapy (ACAPT)), Jacksonville, FL.
- Bruce, S. L.** (2018 June) *Musculoskeletal Injury Risk Among Army ROTC Cadets*. Presented at the 69th NATA Clinical Symposia & AT Expo, New Orleans, LA.
- Bruce, S. L.** (2017 February) *Ethical behavior in the profession: The realities*. Presented at the iLead 2017 Athletic Training Student Leadership Conference, Grapevine, TX.
- Doherty-Restrepo, J., & **Bruce, S. L.** (2017, February). *Learning outside the box: fostering entrepreneurial leadership through interprofessional education*. Presented at the Athletic Training Educators' Conference 2017, Grapevine, TX.
- Bruce, S. L.** (2015, June). *Prediction Modeling for Board of Certification Exam Success for a Graduate Athletic Training Program*. Presented at the 66th National Athletic Trainers' Association's Annual Meeting & Clinical Symposia, St. Louis, MO.
- Bruce, S. L.** (2014, June). *How to Objectively Assess the Prevention Domain*. Presented at the Institute for Collegiate Sports Medicine, Indianapolis, IN.
- Wilkerson, G. B., **Bruce, S. L.**, & Denegar, C. R. (2012, June). *How to Create Useful Clinical Prediction Rules: Predicting Who is Likely to Get Injured & the Prevention Domain*. Presented at the 63rd National Athletic Trainers' Association's Annual Meeting & Clinical Symposia, St. Louis, MO.
- Denegar, C. R., Wilkerson, G. B., & **Bruce, S. L.** (2009, June). *Easy to Create Clinical Prediction Rules*. Presented at the 60th National Athletic Trainers' Association Annual Meeting & Clinical Symposia, San Antonio, TX.
- Romani-Ruby, C., & **Bruce, S. L.** (2007, June). *Movement Therapy Using Pilates* Presented at the 58th National Athletic Trainers' Association Annual Meeting & Clinical Symposium, Anaheim, CA
- Romani-Ruby, C., & **Bruce, S. L.** (2006, June). *Pilates as a Tool for Creating Muscle Balance in the Shoulder and Pelvic Girdles* Presented at the 57th National Athletic Trainers' Association Annual Meeting & Clinical Symposium, Atlanta, GA

Regional

- Bruce, S. L.** (July 2022) *Whole-body Reactive Agility Metrics to Identify Football Players with Core and Lower Extremity Injury Risk*. Presented at the Southwest Athletic Trainers' Association 68th Annual Symposium and Billy Pickard Expo, Arlington, TX.
- Bruce, S. L.** & Wallace, J. (2022, February). *Current evidence: Concussion 2022*. Presented at the 37th Annual Athletic Training Student Symposium, Atlanta, GA.

- Bruce, S. L. & Wallace, J.** (2021, February). *Current evidence: Concussion 2021*. Presented at the 36th Annual Athletic Training Student Symposium, (Presented virtually due to the COVID-19 pandemic)
- Bruce, S. L. & Wallace, J.** (2020, February). *Current evidence: Concussion 2020*. Presented at the 35th Annual Athletic Training Student Symposium, Atlanta, GA.
- Bruce, S. L.** (2019, July) *Evidence-based Data Athletic Trainers Can Gather and Use*. Presented at the Southwest Athletic Trainers' Association 65th Annual Meeting and Clinical Symposium, Arlington, TX.
- Bruce, S. L.** (2019, July) Empty Room Rehabilitation. Presented at the 2019 Student Southwest Athletic Trainers' Association Conference, Arlington, TX.
- Bruce, S. L.** (2019, February). *Concussions – Current evidence for management and return to activity*. Presented at the 34th Annual Athletic Training Student Symposium, Atlanta, GA.
- Bruce, S. L.** (2018, February). *Concussion in sports: An update*. Presented at the 33rd Annual Athletic Training Student Symposium, Atlanta, GA.
- Bruce, S. L.** (2017, February). *Concussion in sports: An update*. Presented at the 32nd Annual Athletic Training Student Symposium, Atlanta, GA.
- Bruce, S. L.** (2016, March). *EBP - Alternative Diagnostic Tools for Concussion Assessment*. Presented at the 2016 Annual Meeting of the Great Lakes Athletic Trainers' Association, Wheeling, IL.
- Bruce, S. L., & Register-Mihalik, J.** (2016, February). *Concussion in Sports*. Presented at the 31st Annual Athletic Training Student Symposium, Atlanta, GA.
- Bruce, S. L., & Register-Mihalik, J.** (2015, February). *Concussion in Sports*. Presented at the 30th Southeastern Athletic Trainers' Association's Annual Athletic Training Student Symposium, Atlanta, GA.
- Caswell, A. M., **Bruce, S. L., & Parham, C. S.** (2014, March). *Developing Professionalism through Leadership: Applying Foundation Principles to Athletic Training Students Education*. Presented at the 39th Annual Southeastern Athletic Trainers' Association Clinical Symposium & Members Meeting, Atlanta, GA.
- Bruce, S. L., & Register-Mihalik, J.** (2014, February). *Concussion in Sports*. Presented at the 29th Southeastern Athletic Trainers' Association's Annual Athletic Training Student Symposium, Atlanta, GA.
- Bruce, S. L.** (2013, April). *Concussions – What They Are & What They Are Not!* Presented at the 12th Annual Update in Acute and Emergency Care Pediatric Conference, Chattanooga, TN.
- Bruce, S. L.** (2012, December). *How to Stay Out of the Court Room and in the Athletic Training Room* Presented at the George Mason University, Fairfax, VA.
- Wilkerson, G. B., **Bruce, S. L., & Colston, M. A.** (2012, March). *Predicting Who is Likely to Get Injured & Prevention*. Presented at the 37th Annual Southeastern Athletic Trainers' Association Meeting and Clinical Symposium, Atlanta, GA.
- Wilkerson, G. B., & **Bruce, S. L.** (2011, March). *Evidence-based Taping Guidelines for Utilization of Taping, Wrapping, and Bracing*. Presented at the 36th Annual Southeastern Athletic Trainers' Association Meeting and Clinical Symposium, Atlanta, GA.
- Bruce, S. L.** (2010, December). *How to Stay Out of the Court Room and in the Athletic Training Room* Presented at the George Mason University, Fairfax, VA.

Bruce, S. L., Anderson, C., & Anderson, C. (2008, March). *Clinical Application of Pilates*. Presented at the 34th Annual Southeastern Athletic Trainers' Association Clinical Symposium & Members Meeting, Franklin, TN.

Bruce, S. L., & Parks, E. (2008, March). *The Cardiac & Pulmonary Physical Examination*. Presented at the 34th Annual Southeastern Athletic Trainers' Association Clinical Symposium & Members Meeting, Franklin, TN.

State

Bruce, S. L. & Moore C. M. (2022 April) *Concussion Tools*. Presented at the Arkansas Athletic Trainers' Association 2022 Annual Meeting and Clinical Symposium, Little Rock, AR

Bruce, S. L. (2021, June) *Concussion: What's new? What's improved?* Presentation to be made to the Arkansas Athletic Trainers' Association Annual Meeting and Clinical Symposium. Fayetteville, AR.

Bruce, S. L. (2016, December). *Concussions - Return-to-learn before return-to-play*. Presented at the Ohio Association for Health, Physical Education, Recreation and Dance 87th Annual Convention, Sandusky, OH.

Bruce, S. L. (2016, November). *Evidence-based alternative diagnostic tools for concussion assessment*. Presented at the Cleveland Clinic Sports Health 21st Annual Symposium, Beachwood, OH.

Bruce, S. L. (2016, November). *Evidence based taping guidelines for utilization of taping, wrapping, and bracing*. Presented at the Cleveland Clinic Sports Health 21st Annual Symposium, Beachwood, OH.

Bruce, S. L. (2016, November). *The value of clinical prediction models*. Presented at the Cleveland Clinic Sports Health 21st Annual Symposium, Beachwood, OH.

Bruce, S. L. (2015, May). *Alternative Diagnostic Tools for Concussion Assessment*. Presented at the Ohio Athletic Trainers' Association, Mason, OH.

Bruce, S. L. (2013, January). *Empty Room Rehabilitation*. Presented at the Tennessee Athletic Trainers' Society Annual Meeting and Clinical Symposium, Nashville, TN.

Bruce, S. L. (2011, January). *Pneumothorax in High School Football Player: A Case Report*. Presented at the Tennessee Athletic Trainers' Society Annual Meeting and Clinical Symposium, Nashville, TN.

Bruce, S. L. (2009, January). *Lateral Knee Pain in a Collegiate Football Player: A Case Report*. Presented at the Tennessee Athletic Trainers' Society Annual Meeting and Clinical Symposium, Chattanooga, TN.

Bruce, S. L. (2006, June). *Dr. David Moyer Award Lecture – Upper Extremity Rehabilitation for the Competitive Athlete*. Presented at the Pennsylvania Athletic Trainers' Society Annual Meeting and Clinical Symposium, Lancaster, PA

Local

Bruce, S.L. (2022, June) *Athletic Training and Concussions*. Live presentation to the Summer Health Academy for Research Exploration (SHARE) program. Jonesboro, AR

Bruce, S. L. (2021, January) *Concussions and Athletic Training*. Virtual presentation to the University Heights School of Medical Arts, 4th grade class, Jonesboro, AR

- Bruce, S. L.** (2020, December) *Athletic Training*. Presented to the Jonesboro University Rotary Club weekly meeting. Jonesboro, AR
- Bruce, S. L.** (2017, March) *Evidence-based taping guidelines for utilization for taping, wrapping & bracing*. Presented as an in-service to the Greater Dayton Athletic Trainers' Association, Dayton, OH
- Bruce, S. L.** (2016, July) *Bridging the gap: Reporting and interpreting research to advance evidence-based care*. Presented as part of the Wright State University Athletic Training Program Preceptor Training, Dayton, OH
- Bruce, S. L.** (2013, August). *Prevention of Concussion: What Works, What Doesn't and What's Next?* Presented at the Concussion Seminar sponsored by Chattanooga Concussion Prevention Initiative, Vanderbilt Sports Concussion Center and Rawlings Sporting Goods Company, Chattanooga, TN.
- Bruce, S. L.** (2013, July). *Concussions and Football Officials: What's the Connection?* Presented to the Southeast Tennessee Football Officials' Association, Hixson, TN
- Bruce, S. L., & Morgan, L.** (2012, August). *Athletic Trainers and Concussions*. Presented at the McMinn County Schools Teachers' In-service, McMinn, TN.
- Bruce, S. L.** (2012, August). *Concussions: Recognition and Follow-up*. Presented at the Lookout Valley Schools Teachers' In-service, Chattanooga, TN.
- Bruce, S. L.** (2012, March). *Athletic Trainers on the Front Lines of Concussions*. Presented at the Annual Chattanooga Area Brain Injury Association Fund Raising Dinner, Chattanooga, TN.
- Bruce, S. L., & Morgan, L.** (2012, June). *Concussions and Cognitive Rest*. Presented at the Marion County Schools Teachers' In-service, Whitwell, TN.
- Bruce, S. L.** (2007, March). *Elbow, Hand and Wrist – Kinesiology, Etiology and Pathology in Athletics* Presented at the University of Tennessee Medical School - Grand Rounds, Erlanger Hospital, Chattanooga, TN.
- Bruce, S. L.** (2007, February). *Athletic Training – What it is and what it is not*. Presented to the Signal Crest United Methodist Men, Signal Mountain, TN

SERVICE

Arkansas State University

- CNHP Ad Hoc Research Committee – Chair (August 2019 – present)
- CNHP Constitution and Bylaws – Member (August 2020 – May 2022)
- CNHP Promotion, Retention, and Tenure Committee – Chair (August 2022 – present)
- CNHP Student and Alumni Affairs Committee – Member (2019-2021)
- Athletic Training Curriculum Committee – Chair (August 2019 to present)
- Athletic Training Social Media Committee – Member (August 2019 to present)
- Ad Hoc Multicultural Committee – Member (August 2019 to May 2022)
- Search Committee for Athletic Training Faculty Member – Chair (January – April 2019)
- Sports Medicine Advisory Committee – Member (August 2018 to present)
- Veterans Suicide Prevention Project – Co-chair (February 2022 – present)

Wright State University:

- Institutional Review Board Expedited Studies Reviewer – Member (2016 – 2018)
- Institutional Review Board Expedited Review Committee – Member (2015 – 2016)

Wright State University's College of Education and Human Services:
Graduate Studies Committee – Member (2015 – 2017)

Wright State University's Kinesiology and Health Department
Search Committee for Assistant Professor for Kinesiology/Biomechanics – Member (April-May 2016)

Professional Service

Co-founder (July 2021 – present) of the Delta Concussion Project (DCP), Jonesboro, AR.
The DCP is a community-based organization of health care clinicians to provide comprehensive evaluation, management, and care of concussion for individuals from the Delta region. Included in the DCP are certified athletic trainers, a Family Practice/Sports Medicine trained physician, neuropsychologist, orthopedic surgeons, a Osteopathic Manipulative Medicine physician, optometrist, mental health therapist/licensed social worker, physical therapists, and researchers

Member, National Athletic Trainers' Association EducATionalist Special Interest Group for CORE AT Faculty since 2023
Member, National Athletic Trainers' Association Research and Education Foundation Nominating Committee since 2023
Member, Board of Certification Professional Goals Appraisal 2.0 Work Group since 2022
Member, Arkansas Athletic Trainers' Association Scholarship Committee since December 2020
Member, Education Programming Committee for the Arkansas Athletic Trainers' Association Annual Meeting and Clinical Symposium, 2019

Manuscript reviewer for the *American Journal of Preventive Medicine* (AJPM) since 2016
Manuscript reviewer for the *American Journal of Sports Medicine* since 2021
Manuscript reviewer for the *Athletic Training Education Journal* (ATEJ) since 2017
Manuscript reviewer for the *International Journal of Athletic Therapy & Training* (IJATT) since 2012
Manuscript reviewer for the *Journal of Athletic Training* (JAT) since 2015
Manuscript reviewer for the *Journal of Sports Medicine and Allied Health Sciences* (JSMAS) since 2016
Manuscript reviewer for the *Perceptual and Motor Skills* (PMS) journal since 2017
Manuscript reviewer for the *Physical Therapy in Sport* since 2021
Manuscript reviewer for the *Sports Health* since 2020

Founder (July 2012 – July 2014) of the Chattanooga Concussion Prevention Initiative (CCPI), Chattanooga, TN. The CCPI is a group of local health care providers who work in collaboration to prevent, educate, assess, manage and treat concussions suffered within Chattanooga and the surrounding communities. Included in the CCPI are certified athletic trainers, 3 Family Practice/Sports Medicine Fellowship trained physicians, a neuropsychologist, and a clinical coordinator from the Chattanooga Area Brain Injury Association (CABIA).

Founder (July 2021 – present) of the Delta Concussion Project (DCP), Jonesboro, AR. The DCP is an interprofessional group of local health care providers who work in the prevention, education, assessment, management, and treatment of concussions suffered within Northeast Arkansas.

Host and Local Coordinator (August 2013) for the "Concussion Seminar in conjunction with the Chattanooga Concussion Prevention Initiative, Vanderbilt Sports Concussion Center and Rawling Sporting Goods Company, Chattanooga, TN

EXPERT WITNESSING CONSULTING

Alex Isaac v. Baldwin Wallace College & The Cleveland Clinic. Case No. CV-14-828561 Court of Common Pleas, Cuyahoga County, OH. Kurowski, DJ for Hagens Berman Sobol Shapiro LLP. Case Dropped 2016

Derek Sheely et al v. NCAA et al, Case No.: 380569-V Circuit Court for Montgomery County, MD. Anderson P for The Klamann Law Firm. Kansas City, MO. Found for the Plaintiff ed. 2016.

Kaitlyn Landry v. Stetson University, Case No.: 2016-CA-11484 Circuit Court Seventh Judicial Circuit, in and for Volusia County, FL. Albert H. Lechner for Terrell Hogan Yegelwel, P.A. Case Dropped. 2019

Kelli Jones v. St. Leo University. Case No. 512011CA-4391ES Circuit Court of the Ninth Judicial Circuit in and for Pasco County, FL Yerrid CS for The Yerrid Law Firm; Found for the Plaintiff ed. 2012.

Margaret Krusing v. State of Iowa. Court No. T100144 & T100145 Iowa District Court for Johnson County. Waterloo, IA. Cook JH for Dutton, Braun, Staack & Hellman, P.L.C.; Found for the Plaintiff ed. 2010.

Nadia Booker v Jacksonville University. Case No. 16-2014-CA-003096-XXXX-MA Circuit Court, Fourth Judicial Circuit, in and for Duval County, Florida, Case Dismissed. 2017

Preston Plevretes vs. LaSalle University. Court of Common Pleas, Philadelphia County. Philadelphia, PA. Trunk MA for Kline & Specter, P.C.; Found for the Plaintiff ed. 2008.

Sheldon Mann et al vs. Palmerton Area High School Football Coaches, Palmerton Area School District, Palmerton Area School District Board of Education. 3:14-CV-00068 United States District Court for the Middle District of Pennsylvania. Philadelphia, PA. Zimmerman R. for Saltz Mongeluzzi Barrett & Bendesky. Found for the Defense. 2017

Stephanie D'Andrea v. American University. Case No. PJM 09 CV 0690 District of Columbia Court of Appeals. Washington, DC: Bertram CD for Regan Zambri & Long, PLLC; Found for the Plaintiff ed. 2010.

Thomas Walls, Jr. et al v. Board of Regents, Southeast Missouri State University et al. Case No.: 1:09CV35RWS United States District Court Eastern District of Missouri, Southeast Division. Wilmington, DE: Bellew JJ for Cozen O'Connor; Case Dismissed ed. 2010.

Will Rickard vs. Zachary Hoffman and Lake Erie College. Court of Common Pleas, Lake County, OH.. 18-CV-000599. Case settled

William Lowe v. State of Iowa. Court No. LACV076259 Iowa District Court for Johnson County. Des Moines, IA. Galligan J for Galligan & Reid, P.C.; Found for the Plaintiff ed. 2015.

PROFESSIONAL COMMITTEE ACTIVITIES, RESPONSIBILITIES AND MEMBERSHIPS

January 2023 to present	Member , National Athletic Trainers' Association Research and Education Foundation Nominating Committee since 2023
February 20223 to present	Member , National Athletic Trainers' Association EducATionalist Special Interest Group for CORE AT Faculty since 2023
July 2021 to present	Manuscript reviewer for the <i>Physical Therapy in Sport</i>
January 2021 to present	Manuscript reviewer for the <i>American Journal of Sports Medicine</i>

August 2020 to present **Manuscript reviewer** for the *Sports Health*

December 2020 to present **Member:** Scholarship Committee, Arkansas Athletic Trainers' Association

November 2018 to present **Member:** District 6/Southwest Athletic Trainers' Association's Professional Education Committee

November 2018 to present **Member:** Arkansas Athletic Trainers' Association's Professional Education Committee

August 2018 to present **Member:** Arkansas Athletic Trainers' Association (AATA)

August 2018 to present **Member,** District 6/Southwest Athletic Trainers' Association (SWATA)

May 2017 to present **Manuscript reviewer** for the *Athletic Training Education Journal* (ATEJ)

March 2017 to present **Manuscript reviewer** for the *Perceptual and Motor Skills* (PMS) journal

September 2016 to present **Manuscript reviewer** for the *Journal of Sports Medicine & Allied Health Sciences* (JSM&AHS)

July 2016 to present **Manuscript reviewer** for the *American Journal of Preventive Medicine* (AJPM)

December 2015 to 2018 **Member:** Reviewer for Great Lakes Athletic Trainers' Association Free Communication submission

November 2015 to 2017 **Member:** NATA District 4 representative for the NATA Committee for Professional Ethics

September 2015 to March 2016 **Member:** Expedited Review Committee, Wright State University, Dayton, OH

June 2015 to present **Manuscript reviewer** for the *Journal of Athletic Training* (JAT)

September 2014 to 2018 **Member,** Greater Dayton Athletic Trainers' Association (GDATA)

August 2014 to 2018 **Member,** District 4/Great Lakes Athletic Trainers' Association (GLATA)

August 2014 to 2018 **Member,** Ohio Athletic Trainers' Association (OATA)

March 2014 to 2017 **Member:** National Committee for Development of the Athletic Training Common Application System (ATCAS), CAATE, Mesa, AZ

August 2013 **Host and Local Coordinator:** Concussion Seminar in conjunction with the Chattanooga Concussion Prevention Initiative, Vanderbilt Sports Concussion Center and Rawling Sporting Goods Company, Chattanooga, TN

July 2012 to July 2014 **Founder:** Chattanooga Concussion Prevention Initiative, Chattanooga, TN

June 2012 to present **Manuscript reviewer** for the *International Journal of Athletic Therapy & Training* (IJATT)

September 2011 to July 2014 **Board Member:** Chattanooga Area Brain Injury Association, Chattanooga, TN

July 2011 to July 2014 **Member, Convention and Educational Programming Committee for the Tennessee Athletic Trainers' Society's Annual Convention and Clinical Symposium:** Tennessee Athletic Trainers' Society

July 2007 to February 2009 **Member, Educational Programming Committee for the Tennessee Athletic Trainers' Society's Annual Convention and Clinical Symposium:** Tennessee Athletic Trainers' Society

November 2006 to March 2008 **Member, Athletic Needs Committee for Signal Mountain Founders' Fund** for the new to high school and middle school, Signal Mountain, TN

August 2006 to August 2014 **Member,** Tennessee Athletic Trainers' Society (TATS)

September 2004 to July 2006 **Chair, Educational Program Committee for Pennsylvania Athletic Trainers' Society's Annual Convention and Clinical Symposium:** Pennsylvania Athletic Trainers' Society

October 2005 to May 2006 **Member, University Wide Drug and Alcohol Education and Prevention Assessment Committee:** California University of Pennsylvania

January 2002 to May 2004 **District 9 Representative:** National Athletic Trainers' Association Placement Committee

August 2001 to July 2004 **Member,** Athletic Trainers' Association of Florida (ATAF)

July 2000 to June 2001 **Treasurer:** Pennsylvania Athletic Trainers' Society

May 1998 to June 2000 **Chair, Hall of Fame Committee:** Pennsylvania Athletic Trainers' Society,

February 1995 to December 1995 **Organizer, Athletic Department Drug and Alcohol Education and Prevention Program Committee:** Slippery Rock University

February 1995 to May 2001 **Athletic Department's Administrative Advisor to the Student-Athlete Mentor** for Peer to Education and Prevention of Alcohol, Tobacco, and Other Drugs Program: Slippery Rock University

August 1988 to December 1992 **Member,** Michigan Athletic Trainers' Society (MATS)

August 1984 to July 1988; January 1993 to August 2001; June 2004 to July 2006 **Member,** Pennsylvania Athletic Trainers' Society (PATs)

1982 to present **Member,** National Athletic Trainers' Association

HONORS AND AWARDS

May 2019	Recipient: “You Make a Difference” award, a monthly award presented from the Dean of the College of Nursing and Health Professions to a faculty member who went above and beyond. I voluntarily led a two-day manuscript writing seminar for College faculty.
June 2014	<i>Recipient:</i> “NATA Athletic Training Service Award”, Recognizes athletic trainers for their contributions to the athletic training profession as a volunteer at the local and state levels by being involved in professional associations, community organizations, grassroots public relations efforts, and service as a volunteer athletic trainer
June 2013	<i>Recipient:</i> “Lindsey McLean Doctoral Scholarship”, sponsored by Board of Certification, Inc. from the National Athletic Trainers’ Association Research and Education Foundation
January 2013	<i>Recipient:</i> Jerry Robertson Educator of the Year Award by the Tennessee Athletic Trainers’ Society
June 2007	25 Year Member Award for the National Athletic Trainers’ Association
June 2006	Recognition from the Pennsylvania Athletic Trainers’ Society for Outstanding Contribution to as a Chair of Educational Program Committee for Pennsylvania Athletic Trainers’ Society’s Annual Convention and Clinical Symposium
June 2006	<i>Invited Presenter:</i> Dr. David Moyer Award Lecture by the Pennsylvania Athletic Trainers’ Society; “Upper Extremity Rehabilitation for the Competitive Athlete” presented at their Annual Meeting and Clinical Symposium, Lancaster, PA
June 2001	Recognition from the Pennsylvania Athletic Trainers’ Society for Outstanding Contribution to the Society as an officer

CONTINUING EDUCATION (past 10 years only)

March 2023	<i>Participant:</i> 6th Annual Matthew Gfeller Sport-Related Neurotrauma Symposium, Chapel Hill, NC
July 2022	<i>Participant:</i> Southwest Athletic Trainers’ Association Annual Meeting & Clinical Symposium, Arlington, TX
June 2022	<i>Participant:</i> 73 rd National Athletic Trainers' Association Clinical Symposia & AT Expo, Philadelphia, PA
May 2022	<i>Participant:</i> World Federation Athletic Trainers & Therapy World Congress XI. Winnipeg, Manitoba
April 2022	<i>Participant:</i> Arkansas Athletic Trainers’ Association Annual Meeting, Little Rock, AR
June 2021	<i>Participant:</i> 2021 NATA Virtual Clinical Symposia & AT Expo (Virtual convention necessitated due to Covid-19 pandemic)
June 2021	<i>Participant:</i> Arkansas Athletic Trainers’ Association Annual Meeting, Fayetteville, AR
June 2020	<i>Participant:</i> 2020 NATA Virtual Clinical Symposia & AT Expo (Virtual convention necessitated due to Covid-19 pandemic)
October 2019	<i>Participant:</i> 2019 Association of Schools of Allied Health Professions (ASAHP) Annual Conference, Charleston, SC
July 2019	<i>Participant:</i> Southwest Athletic Trainers’ Association Annual Meeting & Clinical Symposium, Arlington, TX

June 2019 *Participant: 70th National Athletic Trainers' Association Clinical Symposia & AT Expo, Las Vegas, NV*

April 2019 *Participant: Arkansas Athletic Trainers' Association Annual Meeting, Searcy, AR*

March 2019 *Participant: Fifth Annual Matthew Gfeller Sport-Related Neurotrauma Symposium, Chapel Hill, NC*

June 2018 *Participant: 69th National Athletic Trainers' Association Clinical Symposia & AT Expo, New Orleans, LA*

June 2017 *Participant: 68th National Athletic Trainers' Association Clinical Symposia & AT Expo, Houston, TX*

March 2017 *Participant: Fourth Annual Matthew Gfeller Sport-Related Neurotrauma Symposium, Chapel Hill, NC*

February 2017 *Participant: Athletic Training Educators' Conference, Grapevine, TX*

June 2016 *Participant: 67th National Athletic Trainers' Association Clinical Symposia & AT Expo, Baltimore, MD*

May 2015 *Participant: Ohio Athletic Trainers' Association Annual Meeting, West Chester, OH*

June 2015 *Participant: 66th National Athletic Trainers' Association Clinical Symposia & AT Expo, St. Louis, MO*

June 2015 *Participant: ImPACT Trained Athletic Trainer Workshop, St. Louis, MO*

May 2015 *Participant: Ohio Athletic Trainers' Association Annual Meeting, Mason, OH*

March 2015 *Participant: Third Annual Matthew Gfeller Sport-Related Neurotrauma Symposium, Chapel Hill, NC*

February 2015 *Participant: Athletic Training Educators' Conference, Dallas, TX*

June 2014 *Participant: 65th National Athletic Trainers' Association Clinical Symposia & AT Expo, Indianapolis, IN*

April 2014 *Participant: Safeguarding Student-Athlete Health and Welfare conference, Chattanooga, TN*

March 2014 *Participant: 39th Annual Southeastern Athletic Trainers' Association Meeting and Clinical Symposium, Atlanta, GA*

June 2013 *Participant: National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Las Vegas, NV*

March 2013 *Participant: Second Annual Matthew Gfeller Sport-Related Neurotrauma Symposium, Chapel Hill, NC*