

**JULIANNE D. SCHMIDT, PhD, ATC**

**ADDRESS**

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**EDUCATION**

**The University of North Carolina at Chapel Hill**, Chapel Hill, North Carolina

*Doctor of Philosophy*, Interdisciplinary program-Human Movement Science

May 2013

Specialization: Biomechanics

Major Areas of Study: Sport-Related Concussion

Emergency Management of the Cervical Spine

Doctoral Dissertation: The influence of the cervical musculature, visual performance, and anticipation on head impact severity in high school and collegiate football

Faculty Advisor: Kevin M. Guskiewicz, PhD, ATC

**The University of North Carolina at Chapel Hill**, Chapel Hill, North Carolina

*Master's of Science*, Athletic Training (Accredited Graduate Curriculum)

May 2009

Master's Thesis: Alternative techniques to gain emergency airway access

Faculty Advisor: Meredith Petschauer, PhD, ATC

**Point Loma Nazarene University**, San Diego, California

*Bachelor's of Science*, Athletic Training (Accredited Undergraduate Curriculum),

May 2007

Honor's Thesis: A comparative kinematic analysis of subtalar motion in runners with and without medial tibial stress syndrome

Faculty Advisor: Leon Kugler, PhD, ATC

**ACADEMIC APPOINTMENTS**

**The University of Georgia, Department of Kinesiology**, Athens, Georgia

Associate Professor August 2019 to Present

Assistant Professor August 2013 to August 2019

Graduate Faculty August 2013 to Present

UGA Concussion Research Laboratory Co-Director August 2013 to Present

UGA Biomechanics Laboratory Co-Director August 2013 to Present

**The University of North Carolina at Chapel Hill, Exercise and Sport Science, Chapel Hill, North Carolina**

Doctoral Research & Teaching Assistant

August 2009 to August 2013

### **HONORS, AWARDS, & FELLOWSHIPS**

**Summer Faculty Fellowship Program** (Summer 2021). United States Air Force Research Laboratories (8 week relocation).

**Sarah H. Moss Travel Fellowship** (Summer 2021). Center for Teaching and Learning. University of Georgia.

**Summer Faculty Fellowship Program** (Summer 2020). United States Air Force Research Laboratories (12 week *\*remote collaboration due to COVID-19*).

**Carl Glickman Faculty Fellow Award** (2020). Mary Frances Early College of Education, University of Georgia.

**Summer Faculty Fellowship Program** (Summer 2019). United States Air Force Research Laboratories (8 week relocation).

**Sarah H. Moss Travel Fellowship** (Summer 2019). Center for Teaching and Learning. University of Georgia.

**Local Achievement in Athletic Training Award Recipient** (2019). Pediatric Research in Sports Medicine.

**Graduate Education Advancement Board Impact Award Recipient** (2014). The University of North Carolina at Chapel Hill.

**The Louis and Eleanor Duquette Scholarship** (2012). Human Movement Science Doctoral Curriculum. The University of North Carolina at Chapel Hill.

**National Athletic Trainers' Association Research and Education Foundation Doctoral Oral Research Award Finalist** (2011).

**Master's Research Merit Award Recipient** (2009). The University of North Carolina at Chapel Hill.

**UNC-CH Marvin E. Allen Teaching Assistant Award** (2009). The University of North Carolina at Chapel Hill.

**Cum Laude** (2007). Point Loma Nazarene University.

### **SCHOLARSHIP**

**Refereed Journal Publications:***Accepted*

1. Weber Rawlins ML, Welch Bacon CE, Tomporowski P, Gay JL, Bierema L, Schmidt JD. Using The Health Belief Model To Predict Concussion Reporting Intentions And Behavior. *Brain Inj.* 14;34(12):16455-16465. doi: 10.1080/02699052.2020.1831069.
2. Weber Rawlins ML, Johnson BR, Jones E, Register-Mihalik JK, Foster C, De Angelis K, **Schmidt JD**, D'Lauro CJ. The Role of Social Support in Concussion Disclosure in United States Air Force Academy Cadets: A Mixed Methods Approach. *Military Medicine.* <https://doi.org/10.1093/milmed/usab102>
3. Lempke LB, Lynall RC, Hoffman NL, Devos H, **Schmidt JD** (2020). Slowed Driving Reaction Time Following Concussion Symptom Resolution. *J Sport Health Sci. (ePub Ahead of Print)*.<https://doi.org/10.1016/j.jshs.2020.09.005>
4. Lempke LB, Oh J, Johnson RS, **Schmidt JD**, Lynall RC (2020). Single- versus Dual-Task Functional Movement Paradigms: A Biomechanical Analysis. *J Sport Rehabil. (Accepted)*.
5. **Schmidt JD**, Weber Rawlins ML, Lynall RC, D'Lauro C, Clugston J, McAllister TW, McCrea M, Broglio SP, CARE Consortium Investigators (2020). Medical Disqualification Following Concussion in Collegiate Student-Athletes: Findings from the CARE Consortium. *Sports Med.* 50(10):1843-1855. DOI: [10.1007/s40279-020-01302-y](https://doi.org/10.1007/s40279-020-01302-y)
6. Kroshus E, Cameron KL, Coatsworth JD, D'Lauro C, Kim NJ, Lee KM, Register-Mihalik JK, Milroy JJ, Roetert EP, **Schmidt JD**, Silverman RD, Warmath D, Wayment HA, Hainline B (2020). Improving concussion education: consensus from the NCAA-Department of Defense Mind Matters Research & Education Grand Challenge. *Brit J Sport Med.* 54:1314–1320
7. **Schmidt JD**, Suggs DW, Weber Rawlins ML, Bierema L, Miller LS, Courson RW, Reifsteck F (2020). Coach, Sports Medicine, and Parent Influence on Concussion Care Seeking Intentions and Behaviors in Collegiate Student-Athletes. *J Clin Transl Res.* 26;5(4):215-226
8. Anderson MA, Weber Rawlins ML, **Schmidt JD** (2020). The Influence of Coping, Perceptions of Limitations, Interference, and Locus of Control on Concussion Care-Seeking Intentions in Collegiate Athletes. *J Clin Transl Res.* 26; 5(4): 204–214
9. Weber Rawlins ML, Welch Bacon CE, Tomporowski P, Gay JL, Bierema L, **Schmidt JD**. A Qualitative Analysis of Concussion-Reporting Behavior in Collegiate Student-Athletes with a History of Sport-Related Concussion. *J Ath Train.* 56(1):92-100. doi: 10.4085/1062-6050-0392-19.

10. Lempke LB, Johnson RS, **Schmidt JD**, Lynall RC (2020). Clinical Vs. Functional Reaction Time: Implications for Post-Concussion Management. *Med Sci Sport Exer.* (ePub Ahead of Print).
11. Lempke LB, Weber Rawlins ML, Anderson MN, Miller LS, Lynall RC, **Schmidt JD** (2020). The Influence of Socioeconomic Status and Academic Standing on Concussion Reporting Intentions and Behaviors in Collegiate Athletes. *Health Promot Pract.* (ePub Ahead of Print). doi: [10.1177/1524839920920289](https://doi.org/10.1177/1524839920920289).
12. Asken BM, Houck Z, Bauer R, Clugston J, **Schmidt JD**, McCrea MA, McAllister T, Broglio SP (2020). A Normative Reference vs. Baseline Testing Compromise for ImPACT: the CARE Consortium Multiple Variable Prediction (CARE-MVP) Norms". *Sports Med.* 50(8):1533-1547
13. Anderson MN, Lempke LB, Bell DH, Lynall RC, **Schmidt JD** (2020). The Ability of CNS Vital Signs to Detect Coached Sandbagging Performance During Concussion Baseline Testing: A Randomized Control Trial. *Brain Injury.* 34(3):369-374
14. Weber Rawlins ML, Suggs DW, Bierema L, Miller LS, Reifsteck F, **Schmidt JD** (2020). Examination of Collegiate Student-Athlete Concussion Reporting Intentions and Behavior. *J Clin Transl Res.* 5(4):186-196.
15. **Schmidt JD**, Weber Rawlins ML, Suggs DW, Bierema L, Miller LS, Courson RW, Hoff R, Dill K, Dunham J (2020). Improving Concussion Reporting across NCAA Divisions Using a Theory-Based, Data-Driven, Multimedia Concussion Education Intervention. *Neurotrauma.* 37(4):593-599. 37(4):593-599. doi:10.1089/neu.2019.6637
16. DeFreese JD, Baum MJ, **Schmidt JD**, Goerger BM, Barczak N, Guskiewicz KM, Mihalik JP (2019). Effects of College Athlete Life Stressors on Baseline Concussion Measures. *J Sport Rehabil.* 29(7):976-983. DOI: [10.1123/jsr.2018-0378](https://doi.org/10.1123/jsr.2018-0378)
17. Hoffman NL, O'Connor PJ, Schmidt MD, RC Lynall, **Schmidt JD** (2019). Relationships Between Post-Concussion Sleep and Symptom Recovery: A Preliminary Study. *Neurotrauma.* 37(8):1029-1036. <https://doi.org/10.1089/neu.2019.6761>
18. **Schmidt JD**, Lempke L, Devos H, Lynall RC (2019). Post-concussion driving management among athletic trainers. *Brain Inj.* 33:1652-1659.
19. Weber Rawlins ML, Johnson BR, Register-Mihalik JK, DeAngelis K, **Schmidt JD**, D'Lauro CJ (2019). United States Air Force Academy Cadets' Perceived Costs of Concussion Disclosure. *Military Medicine.* 185(1-2):e269-e275.
20. Breedlove K, Ortega JD, Kaminski TW, Harmon KG, **Schmidt JD**, Kontos AP, Clugston J, Chrisman SPD, McCrea MA, McAllister T, Broglio SP, Buckley TA

- (2019). King-Devick Test Reliability in National Collegiate Athletic Association Athletes: A National Collegiate Athletic Association-Department of Defense Concussion Assessment, Research and Education Report. *J Ath Train. (ePub Ahead of Print)*.
21. Clugston J, Houck Z, Asken BM, Boone J, Kontos AP, Buckley TA, **Schmidt JD**, Chrisman SPD, Hoffman NL, Harmon KG, Kaminski T, Collins MW, McAllister TW, McCrea MA, Broglio SP, Ortega JD (2019). Relationship between the King-Devick Test and commonly used concussion tests at baseline. *J Ath Train. (ePub Ahead of Print)*.
  22. Lempke LB, Weber ML, Lynall RC, **Schmidt JD** (2019). The Influence of Concussion Knowledge on Reporting Intentions in Collegiate Student-Athletes. *Athletic Training and Sport Health Care. (ePub Ahead of Print)*.
  23. Lynall RC, Lempke LB, Johnson RS, Anderson MN, **Schmidt JD** (2019). A Comparison of Youth Flag and Tackle Football Head Impact Biomechanics. *J Neurotrauma*. 36(11):1752-1757.
  24. Weber ML, Suggs DW, Bierema L, Miller LS, Reifsteck F, **Schmidt JD** (2019). Collegiate Student-Athlete Gender, Years of Sport Eligibility Completed, and Sport Contact Level Influence on Concussion Reporting Intentions and Behaviours. *Brain Inj*. 33(5):592-597.
  25. Lempke LB, **Schmidt JD**, Lynall RC (2019). Athletic Trainers' Concussion Assessment and Management Practices: An Update. *J Ath Train. (ePub Ahead of Print)*.
  26. Hoffman NL, O'Connor PJ, Schmidt MD, Lynall RC, **Schmidt JD** (2019). Differences in sleep between concussed and nonconcussed college students: a matched case-control study. *SLEEP*. 42(2):1-11.
  27. Weber ML, Lynall RC, Hoffman NL, Miller EH, Kaminski TW, Buckley T, Benjamin HJ, Miles CM, Whitlow CT, Lintner L, Broglio SP, McCrea M, McAllister T, **Schmidt JD**, CARE Consortium Investigators (2018). Health-Related Quality of Life Following Concussion in Collegiate Student-Athletes With and Without Concussion History. *Ann Biomed Eng*. 47(10):2136-2146.
  28. Chrisman SPD, Harmon KG, **Schmidt JD**, Kaminski TW, Buckley TA, Kontos AP, Clugston JR, McCrea MS, McAllister TW, Broglio SP, Ortega JD (2018). Impact of Factors that Affect Reading Skill Level on King-Devick Baseline Performance Time. *Ann Biomed Eng*. 47(10):2122-2127.
  29. Clugston JR, Chrisman SPD, Houck ZM, Asken BM, Boone JK, Buckley TA, Hoffman NL, **Schmidt JD**, Kontos AP, Jaffee MS, Harmon KG, Broglio SP,

- McCrea MA, McAllister TW, Ortega JD (2018). King-Devick test time varies by testing modality. *Clin J Sports Med. (ePub Ahead of Print)*.
30. **Schmidt JD**, Lynall RC, Lempke L, Weber ML, Devos H (2018). Post-concussion driving behaviors and opinions: A survey of collegiate student-athletes. *J Neurotrauma*. 35(20):2418-2424
  31. Weber ML, Dean JHL, Hoffman NL, Broglio SP, McCrea M, McAllister T, **Schmidt JD**, CARE Consortium Investigators (2018). Influences of Mental Illness, Current Psychological State, and Concussion History on Baseline Concussion Assessment Performance. *Am J Sports Med*. 46(7):1742-1751.
  32. **Schmidt JD**, Rizzone K, Hoffman NL, Weber ML, Jones C, Bazarian J, Broglio SP, McCrea M, McAllister, TW, CARE Consortium Investigators (2018). Age at first concussion influences number of subsequent concussions. *Pediatr Neurol*. 81:19-24.
  33. Asken BM, Bauer RM, Guskiewicz KM, McCrea MA, **Schmidt JD**, Giza CC, Snyder AR, Houck ZM, Kontos AP, McAllister TW, Broglio SP, Clugston, JR, and CARE Consortium Investigators (2018). Immediate Removal from Activity After Sport-Related Concussion Associated with Shorter Clinical Recovery and Less Severe Symptoms in Collegiate Student-Athletes. *Br J Sports Med*. 46(6):1465-1474.
  34. Li Y, Ko J, Walker M, Brown CN, **Schmidt JD**, Kim S, Simpson KJ (2018). Does chronic ankle instability influence lower extremity muscle activation of females during landing? *Journal of Electromyography and Kinesiology*. 38:81-87.
  35. Hoffman NL, Weber ML, Broglio SP, McCrea M, McAllister T, **Schmidt JD**, CARE Consortium Investigators (2017). Influence of Post-Concussion Sleep Duration on Concussion Recovery in Collegiate Athletes. *Clin J Sport Med. (ePub Ahead of Print)*.
  36. **Schmidt JD**, Terry DP, Ko J, Newell KM, Miller LS (2017). Balance regularity among former high school football players with and without a history of concussion. *J Athl Train*. 53(2):109-114.
  37. **Schmidt JD**, Phan TT, Courson RW, Reifsteck F, Merritt ED, Brown CN (2017). The Influence of Heavier Football Helmet Faceguards on Head Impact Location and Severity. *Clin J Sport Med*. 28(2):106-110.
  38. **Schmidt JD**, Hoffman NL, Ranchet M, Miller LS, Tomporowski PD, Akinwuntan AE, Devos H (2016). Driving after concussion: Is it safe to drive after symptoms resolve? *J Neurotrauma*. 34(8):1571-1578.
  39. Merritt ED, Brown CN, Quenn RM, Simpson KJ, **Schmidt JD** (2016). Concussion history and time since concussion do not influence static and dynamic balance in collegiate athletes. *J Sport Rehab*. 26(6):518-523.

40. **Schmidt JD**, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall SW (2016). Head Impact Magnitude in American High School Football. *Pediatrics*. 138(2):1-9.
41. **Schmidt JD**, Pierce AF, Guskiewicz KM, Register-Mihalik JK, Pamukoff DN, Mihalik JP (2016). Safe Play Knowledge and Aggression Levels on Head Impact Biomechanics in Youth Male and Female Ice Hockey Players. *J Ath Train*. 51(5):366-372.
42. Resch JE, Brown CN, **Schmidt JD**, Macciocchi SN, Blueitt D, Cullum CM, Ferrara MS (2016). The Sensitivity and Specificity of Clinical Measures of Sport Related Concussion: Are three tests better than one? *BMJ Open Sport & Exercise Medicine*. 2:e000012.
43. Asken BM, Mihalik JP, Guskiewicz KM, Hopfinger JB, **Schmidt JD**, Littleton AC (2015). Visual performance measures and functional implications in healthy participants: A sports concussion perspective. *Athletic Training & Sport Health Care*. 8(4):145-153.
44. Lynall RC, **Schmidt JD**, Mihalik JP, Guskiewicz KM (2015). The Clinical Utility of a Concussion Rebaseline Protocol After Concussion Recovery. *Clin J Sport Med*. 26(4):285-290.
45. Kerr ZY, Littleton AC, Cox LM, DeFreese JD, Varangis E, Lynall RC, **Schmidt JD**, Marshall SW, Guskiewicz KM (2015). Estimating contact exposure in football using the Head Impact Exposure Estimate (HIEE). *J Neurotrauma*. 32(14):1083-1089.
46. Littleton AC, **Schmidt JD**, Register-Mihalik JK, Gioia GA, Waicus K, Mihalik JP, Guskiewicz KM (2015). Effects of Attention Deficit Hyperactivity Disorder and Stimulant Medication on Concussion Symptom Reporting and Computerized Neurocognitive Test Performance. *Arch Clin Neuropsychol*. 30(7):683-693.
47. **Schmidt JD**, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall SW (2014). Does Visual Performance Influence Head Impact Severity Among High School Football Athletes? *Clin J Sports Med*. 25(6):494-501.
48. **Schmidt JD**, Guskiewicz KM, Blackburn JT, Mihalik JP, Siegmund GP, Marshall SW (2014). The Influence of Cervical Muscle Characteristics on Head Impact Biomechanics in Football. *Am J Sports Med*. 42(9):2056-2066. **\*Received editorial focus:** Reider B. Sudden Impact. *Am J Sports Med*. 2014: 42(9):2047-2049.
49. Ingriselli JM, Register-Mihalik JK, **Schmidt JD**, Mihalik JP, Goerger B, Guskiewicz KM (2014). Outcomes, utility, and feasibility of single task and dual task intervention programs in collegiate recreational athletes. *J Sci Med Sport*. 17(6):580-585.

50. Trinidad KJ, **Schmidt JD**, Guskiewicz KM, Groff D, Goto S, Register-Mihalik JK (2013). Predicting Clinical Concussion Measures at Baseline Based on Academic Profile and Motivation. *Clin J Sport Med.* 23(6):462-469.
51. **Schmidt JD**, Register-Mihalik JK, Mihalik JP, Kerr ZY, Guskiewicz KM (2012). Identifying impairments after concussion: Normative data vs. individualized baselines. *Med Sci Sports Exerc.* 44(9):1621-1628.
52. Register-Mihalik JK, Guskiewicz KM, Mihalik JP, **Schmidt JD**, Kerr ZY, McCrea M (2012). Reliable change, sensitivity, and specificity of a multi-dimensional concussion assessment battery: Implications for caution in clinical practice. *J Head Trauma Rehabil.* 28(4):274-283.
53. Kerr ZY, Roos KG, **Schmidt JD**, Marshall SW (2012). Prevention and management of physical and social environment risk factors for sports-related Injuries. *Am J Lifestyle Med.* 7(2):138-153.
54. **Schmidt JD**, Guskiewicz KM, Zinder SM, Petschauer M (2012). Traditional helmet hardware is more likely to fail compared to quick release designs following use. *Athletic Training & Sport Health Care.* 4(3):110-116.
55. Ocwieja KE, Mihalik JP, Marshall SW, **Schmidt JD**, Trulock SC, Guskiewicz KM (2012). The effect of play type and collision closing distance on head impact biomechanics. *Ann Biomed Eng.* 40(1):90-96.
56. **Toler JD**, Petschauer MA, Mihalik JP, Oyama S, Guskiewicz KM, Halverson SD (2010). Comparison of 3 airway access techniques during suspected spine injury management in American football. *Clin J Sport Med.* 20(2):92-97.

*Under Review*

57. **Schmidt JD**, Johnson RS, Lempke LB, Anderson MA, Le R, Lynall RC. Youth Tackle Football Head Impact Estimation by Players and Parents: Is the Perception the Reality? *Pediatr Neurol.* (Under Review).
58. **Schmidt JD**, Anderson M, Weber Rawlins M, Foster C, Johnson B, D'Lauro C. Number of Prior Concussions Predict Poorer Concussion Care Seeking in Military Cadets. *Brain Inj.* (Under Review).
59. Lempke LB, Lynall RC, Anderson MN, McCrea MA, McAllister TW, Broglio SP, **Schmidt JD**, CARE Consortium Investigators. Optimizing Order of Administration for Concussion Baseline Assessment Among NCAA Student-Athletes and Military Cadets. *Sports Med.* (Under Review).



60. Le RK, Anderson MN, Johnson RS, Lempke LB, **Schmidt JD**, Lynall RC. On-Field Characteristics that influence Head Impact Magnitude in Youth Tackle Football. *Pediatric Neurol.* (Under Review).
61. Le RK, Ortega J, Chrisman S, Kontos AP, Buckley TA, Kaminski T, Meyer B, Clugston JR, Goldman J, McAllister TW, McCrea M, Broglio SP, **Schmidt JD**. (2020). King-Devick Sensitivity and Specificity to Concussion in Collegiate Athletes. *Brain Inj.* (Under Review).
62. Weber Rawlins ML, Johnson BR, Register-Mihalik JK, De Angelis K, **Schmidt JD**, D'Lauro CJ. United States Air Force Academy Cadets' Unprompted Concussion Knowledge: Perceived Differences and Similarities in Concussions and Bell-Ringers/Dings. *J Ath Train.* (Under Review).
63. Shearer KT, Lacelle KL, Coverdale NS, Champagne AA, **Schmidt JD**, Lynall RC, Vachhrajani S, Cook DJ. Impact biomechanics reveal positional and session type differences in Canadian collegiate football. *Med Sci Sport Ex.* (Under Review).
64. Lempke LB, Lynall RC, Le RK, McCrea M, McAllister T, **Schmidt JD**, CARE Consortium Investigators. Heat Index and Altitude Minimally Affect Concussion Assessments and Recovery Among NCAA Athletes. *Sports Med.* (Under Review).

*Corporate Authorship Journal Publications*

1. Stemper BD, Shah AS, Harezlak J, Rowson S, Mihalik JP, Duma SM, Riggen LD, Brooks A, Cameron KL, Campbell D, DiFiori JP, Giza CC, Guskiewicz KM, Jackson J, McGinty GT, Svoboda SJ, McAllister TW, Broglio SP, McCrea M; **CARE Consortium Investigators** (2018). Comparison of Head Impact Exposure Between Concussed Football Athletes and Matched Controls: Evidence for a Possible Second Mechanism of Sport-Related Concussion. *Ann Biomed Eng.* (ePub Ahead of Print).
2. Garcia GP, Broglio SP, Lavieri MS, McCrea M, McAllister T; **CARE Consortium Investigators** (2018). Quantifying the Value of Multidimensional Assessment Models for Acute Concussion: An Analysis of Data from the NCAA-DoD Care Consortium. *Sports Medicine.* 48(7):1739-1749.
3. Katz BP, Kudela M, Harezlak J, McCrea M, McAllister T, Broglio SP; **CARE Consortium Investigators** (2018). Baseline Performance of NCAA Athletes on a Concussion Assessment Battery: A Report from the CARE Consortium. *Sports Medicine.* 48(8):1971-1985
4. Broglio SP, Katz BP, Zhao S, McCrea M, McAllister T; **CARE Consortium Investigators** (2017). Test-Retest Reliability and Interpretation of Common Concussion Assessment Tools: Findings from the NCAA-DoD CARE Consortium. *Sports Medicine.* 48(5):1255-1268.

5. Broglio SP, McCrea M, McAllister T, Harezlak J, Katz B, Hack D, Hainline B; **CARE Consortium Investigators** (2017). A national study on the effects of concussion in collegiate athletes and US military service academy members: The NCAA-DoD Concussion Assessment, Research and Education (CARE) Consortium structure and methods. *Sports Medicine*. 2017; 47(7):1437-1451.

#### **Invited Symposium Presentations:**

1. **Schmidt JD**. Medical Disqualification Following Concussion. *4th Annual NCAA-U.S. Department of Defense Grand Alliance Concussion Conference: A New Era of Scientific Collaboration (April 30, 2021) \*Virtual due to COVID-19*
2. **Schmidt JD**. Concussion Rehabilitation. *Andrew's Institute Injuries in Football Conference. Orlando, FL (May 14-16, 2020). \*Cancelled due to COVID-19*
3. **Schmidt JD**. Medical Disqualification Following Concussion. *4th Annual NCAA-U.S. Department of Defense Grand Alliance Concussion Conference: A New Era of Scientific Collaboration, Blacksburg, VA (April 23, 2020) \*Cancelled due to COVID-19*
4. **Schmidt JD**, D'Lauro C. Inside the Military and Athlete Brain: Implementing Concussion Education to Improve Concussion Identification and Disclosure. *Society for Public Health Education. Atlanta, GA (March 18-20, 2020). \*Cancelled due to COVID-19*
5. **Schmidt JD**. Take the Helmet & the Keys: Implications for Post-Concussion Driving. *5th Matthew Gfeller Sport-Related Neurotrauma Symposium. Chapel Hill, NC. (March 9, 2019).*
6. **Schmidt JD**. Changing Culture, One Stakeholder at a Time. *5th Matthew Gfeller Sport-Related Neurotrauma Symposium. Chapel Hill, NC. (March 9, 2019).*
7. D'Lauro C, Weber ML, **Schmidt JD**, De Angelis K. An Interdisciplinary Approach to Understanding Concussions. *Aspen, CO. (January 2019).*
8. Resch J, **Schmidt JD**, Piland S, Broshek DK. The Great Debate about Concussions, *Feature Presentation at 2018 National Athletic Trainers' Association Annual Meeting. New Orleans, LA. (June 2018).*
9. **Schmidt JD**, Asken BM. Inside the Athlete Brain: Why do athletes delay or fail to report their concussions and how can we fix it? *Best Practices Forum at 2018 National Athletic Trainers' Association Annual Meeting. New Orleans, LA. (June 2018).*

10. **Schmidt, JD**, Courson RW. Concussion Research at the University of Georgia. *University of Georgia's Congressional Delegates Retreat. Athens, GA.* (August 17, 2017).
11. **Schmidt, JD**. Driving After Concussion: Is it Safe to Drive During and After Concussion Recovery? *Special Topics at 2017 National Athletic Trainers' Association Annual Meeting. Indianapolis, IN.* (June 28, 2017).
12. **Schmidt, JD**. The UGA Concussion Research Laboratory: A Clinical Research Approach to Answering Practical Questions about Concussion. *College of Education Retired Faculty Luncheon. Athens, GA.* (October 20, 2016).
13. **Schmidt, JD**. Concussion Prevention: The Role of the Cervical Musculature and Collision Anticipation. *Southeast Athletic Trainers' Association Symposium. Atlanta, GA.* (March 12, 2016).
14. **Schmidt, JD**. Current Sports Medicine Research Projects at UGA. *Athletic Medical Review Board. Athens, GA.* (May 17, 2015).
15. **Schmidt, JD**. Concussion Assessment & Management at UGA. *UGA University Health Center. Athens, GA.* (October 13, 2015).
16. **Schmidt, JD**. Concussion in Football: An Update. *Andrews Institute Injuries in Football Conference. Pensacola, FL.* (May 2, 2015).
17. **Schmidt, JD**. The Concussion Crisis. *Georgia Institute of Technology* (September 3, 2014).
18. **Schmidt, JD**, Courson RW. Concussion Research at the University of Georgia. *University of Georgia's Legislative Retreat. Athens, GA.* (August 21, 2014).
19. **Schmidt, JD**, Lynall RC. Concussion Evaluation: Baseline Values vs. Normative Values *Evidence Based Forum at 2014 National Athletic Trainers' Association Annual Meeting. Indianapolis, IN.* (June 28, 2014).
20. **Schmidt, JD**. Concussion Prevention: The Role of the Cervical Musculature and Collision Anticipation. *Minicourse at 2014 National Athletic Trainer's Association Annual Meeting. Indianapolis, IN.* (June 25, 2014).
21. **Schmidt, JD**. Stronger Necks Do Not Attenuate Football Head Impacts. *Podium presentation at 2014 American College of Sports Medicine Annual Meeting. Orlando, FL.* (May 28, 2014).
22. **Schmidt, JD**. Baseline Concussion Evaluation: Is it worth it? *Southeast Athletic Trainers' Association Symposium. Atlanta, GA.* (March 14, 2014).

23. **Schmidt JD.** Innovation in sport equipment design: How does design influence on-field emergency care for suspected cervical spine injuries? *Special Topics at 2012 National Athletic Trainers' Association Annual Meeting. St. Louis, MO.* (June 27, 2012).
24. **Schmidt JD.** Neurocognition and postural control of asymptomatic concussed athletes compared to healthy controls. *Podium presentation at 2012 National Athletic Trainers' Association Annual Meeting. St. Louis, MO.* (June 29, 2012).
25. **Toler JD.** Identifying acute impairments following concussion: Is there a case for baseline testing? *Doctoral Award Finalist Presentation for Accepted Abstract for the 2011 National Athletic Trainers' Association Annual Meeting. New Orleans, LA.* (June 20, 2011).
26. **Toler JD.** The evolving world of equipped sports: The impact on emergency management. *North Carolina Athletic Trainer's Association Annual Symposium. Clemmons, NC.* (March 5, 2011).
27. **Toler JD.** Updates in athletic brain injury research. *Unifour Concussion Symposium. Concord, NC.* (May 8, 2010).
28. **Toler JD.** The cervical spine: Emergency management. *Student Athletic Trainers' Association Sports Medicine Seminar. Chapel Hill, NC.* (February 28, 2009).

#### **Refereed Published Abstracts:**

1. Anderson, MN, Weber Rawlins, ML, Miller, LS, Courson R, Reifsteck F, **Schmidt JD.** Intentions for Stakeholders to Intervene Following a Suspected Concussion in Collegiate-Sport Athletes. National Athletic Trainers Association Clinical Symposia, Atlanta, GA. (June 17th, 2020)
2. Weber Rawlins ML, McAllister TW, McCrea M, Broglio SP, **Schmidt JD.** Does Sensation Seeking Behavior Predict Collegiate Student-Athletes' Concussion Care Seeking? National Athletic Trainers Association Clinical Symposia, Atlanta, GA. (June 17th, 2020)
3. Lempke LB, Johnson R, **Schmidt JD,** Lynall RC. Clinical vs. Functional Reaction Time Assessments Under a Dual-Task Paradigm: Implications for Post-Concussion Management. National Athletic Trainers Association Clinical Symposia, Atlanta, GA. (June 17th, 2020).
4. Hoffman NL, Feltner CO, O'Connor PJ, Schmidt MD, Lynall RC, **Schmidt JD.** Association between post-concussion intraindividual variability in sleep and step counts: An exploratory study. American Sports Medicine Annual Meeting, San Francisco, CA. (May 26-30, 2020)

5. Lempke LB, Johnson R, Oh H, **Schmidt JD**, Lynall RC. Comparing Functional Movement Under Single And Dual Task Conditions: Implications For Post-concussion Management. American Sports Medicine Annual Meeting, San Fransisco, CA. (May 26-30, 2020)
6. **Schmidt JD**, Lynall RC, Lempke L, Devos H. Post-concussion driving management among athletic trainers. *Arch Clin Neuropsychol*. (Accepted).
7. D'Lauro C, Weber Rawlins ML, **Schmidt JD**. A Qualitative Study of Concussion Reporting at the US Air Force Academy (USAFA). *Military Health System Research Symposium, Kissimmee, FL (August 20, 2019)*.
8. Lynall RC, Johnson RS, Lempke LB, Mauntel TC, **Schmidt JD**. Traditional vs. dynamic reaction time assessments: Are we really evaluating reaction time after concussion? *Military Health System Research Symposium, Kissimmee, FL (August 20, 2019)*.
9. Anderson, MN, Lempke, LB, Bell, DH, Lynall, RC, Schmidt, JD. Detecting Sandbagging Performance on CNS Vital Signs Concussion Baseline Testing. *Arch Clin Neuropsychol*. (Accepted).
10. Le RK, Anderson MN, Miller LS, Weber ML, **Schmidt JD**. Examining the relationship between coping strategies and intentions to report concussion among Intercollegiate athletes. *Journal of Athletic Training*. 2019: (Accepted)
11. Anderson MN, Weber ML, Miller LS, **Schmidt JD**. Locus of Control Ratings do not Predict Concussion Reporting Intentions in Intercollegiate Athletes. *Medicine and Science in Sport and Exercise*. 2019: (Accepted)
12. Lempke LB, Bartello AF, Anderson MN, Johnson RS, **Schmidt JD**, Lynall RC. Comparison of Head Impact Biomechanics Between Tackle and Flag Youth Football. *Ortho J Sports Med*. 7(3 Suppl).
13. Lempke LB, Anderson MN, Johnson RS, **Schmidt JD**, Lynall RC Head Impact Biomechanics in Youth Flag Football: An Exploratory Analysis. *Medicine and Science in Sport and Exercise*. 2019: (Accepted)
14. Lempke LB, **Schmidt JD**, Lynall RC. The Influence of Concussion Knowledge and Years of Clinical Experience on Athletic Trainers' Concussion Healthcare Practices. *Journal of Athletic Training*. 2019: (Accepted)
15. Hoffman NL, Lynall RC, **Schmidt JD**. Acute Night-to-Night Sleep Onset Latency Variation within Concussed College Students: A Pilot Study. *Sleep. Supplement*. Accepted abstract for the SLEEP 2019 Annual Meeting of the Associated Professional Sleep Societies, LLC. San Antonio, TX. (June 8-12, 2019).

16. Lempke LB, Weber ML, Lynall RC, **Schmidt JD**. The Influence of Concussion Knowledge on Reporting Intentions in Collegiate Student-Athletes. *2018 American Academy of Neurology Sports Concussion Conference*. Indianapolis, IN (July 20, 2018).
17. Anderson MN, Suggs DW, Bierema L, Miller LS, Reifsteck F, Weber ML, Courson RW, **Schmidt JD**. Athletic Identity Does Not Predict Reporting Intentions in Intercollegiate Athletes. *Medicine and Science in Sport and Exercise*. 2018: (Accepted)
18. Johnson RS, Lempke LB, Anderson MN, **Schmidt JD**, Lynall RC. A Preliminary Comparison of Perceived and Real Head Impacts in Tackle and Flag Youth Football. *Journal of Athletic Training*. 2018: (Accepted)
19. Lynall RC, Anderson MN, Johnson RS, Lempke LB, **Schmidt JD**. Head Impact Biomechanics in Youth Football: A Preliminary Comparison between Age-Matched Tackle and Flag Football Players. *Journal of Athletic Training*. 2018: (Accepted)
20. Weber ML, Courson R, **Schmidt JD** Collegiate Student-Athlete Athletic Eligibility Does Not Influence Concussion Reporting Intentions and Behavior. *Journal of Athletic Training*. 2018: (Accepted)
21. Feltner CO, Hoffman NL, Schmidt MD, O'Connor PJ, Lynall RC, **Schmidt JD**. Relationship Between Post-Concussion Step Counts and Time to Asymptomatic: A Pilot Study in College Students. *Journal of Athletic Training*. 2018: (Accepted).
22. **Schmidt JD**, Suggs DW, Weber ML, Bierema L, Courson R, Miller LS, Reifsteck F. The influence of institutional stakeholders on Division I student-athlete concussion reporting behaviors. *Journal of Athletic Training*. 2017;52(6):S230-S231
23. VanWie CM, **Schmidt JD**, Reifsteck F, Bryant SH. Acute Sinus Infection Progressing to Orbital Cellulitis in a Division I Collegiate Equestrian Athlete. *Journal of Athletic Training*. 2017;52(6):S144-S145
24. **Schmidt JD**, Rizzone K, Hoffman NL, Weber ML, Bazarian J. Developmental stage and age at time of first concussion influences subsequent concussion risk. *Medicine and Science in Sport and Exercise*. 2017;49(5):3032.
25. Hoffman NL, Miller EH, Weber ML, **Schmidt JD**. Sleep quality and concussion recovery utilizing subjective sleep assessments. *Medicine and Science in Sport and Exercise*. 2017;49(5):2007.
26. Chrisman SPD, Harmon KG, **Schmidt JD**, Kaminski TW, Buckley TA, Kontos AP, Clugston JR, Ortega JD. Variation in King-Devick performance time by primary

language and history of a learning disorder. *Medicine and Science in Sport and Exercise*. 2017;49(5):2014.

27. **Schmidt JD**, Devos H, Hoffman NL, Ranchet M, Akinwuntan AE, Miller LS. Driving after concussion: Is it safe to drive after symptoms resolve? *British Journal of Sports Medicine*. 2017: 51(e1):51.
28. Weber ML, Hoffman NL, **Schmidt JD**. Comparing performance on baseline computerized neurocognitive and balance assessments with head impact telemetry system measurements. *British Journal of Sports Medicine*. 2017: 51(e1):28.
29. Hoffman NL, Weber ML, **Schmidt JD**. Does concussion history and post-injury sleep quantity influence neurocognitive scores following concussion in collegiate athletes? *British Journal of Sports Medicine*. 2017: 51(e1):50.
30. Breedlove K, Oldham J, Kontos AP, DiFabio M, Kaminski TW, Clugston JR, **Schmidt JD**, Chrisman SPD, DeWolf R , Ortega JD , Buckley TA. Between trial reliability of the King Devick test. *Neurology*. 2017:88(16S):N3.002.
31. Buckley TA, Breedlove K, Oldham J, Kontos AP, DiFabio M, Kaminski TW, Clugston JR, **Schmidt JD**, Chrisman SPD, DeWolf R , Ortega JD. Year to year reliability of the King-Devick test in collegiate student-athletes: An NCAA/DoD Grand Alliance report. *Neurology*. 2017: 88(16S):P5.220.
32. Clugston JR, Chrisman SPD, Houck ZM, Asken BM, Boone JK, Kontos AP, Buckley TA, **Schmidt JD**, Kaminski TW, Collins MW, Ortega JD. King-Devick test time varies by testing modality. *Clinical Journal of Sports Medicine*. 2017: 27(2):191.
33. Clugston JR, Kontos AP, Houck ZM, Asken BM, Boone JK, Hoffman NL, Chrisman SPD, Buckley TA, **Schmidt JD**, Kaminski TW, Collins MW, Ortega JD. Relationship between the King-Devick Test (KDT) and commonly used concussion tests. *Clinical Journal of Sports Medicine*. 2017: 27(2):195.
34. **Schmidt JD**, Merritt ED, Gillespie C. Baseline concussion assessment measures do not differ between subsequently ACL injured and non-ACL injured athletes. *Journal of Athletic Training*. 2016: 51(6): S-55.
35. Weber ML, Hoffman NL, Miller EH, **Schmidt JD**. Influence of psychological state including history of anxiety and depression on collegiate student-athletes' baseline concussion assessment tools. *Journal of Athletic Training*. 2016: 51(6): S-113.
36. Hoffman NL, Martin ED, **Schmidt JD**. Prediction of King-Devick scores utilizing baseline concussion assessments in collegiate athletes. *Journal of Athletic Training*. 2016: 51(6):S-55.

37. Merritt ED, Hoffman NL, Courson RW, Brown CN, Ko JP, Simpson KJ, **Schmidt JD**. Relationship between clinically available static and dynamic balance assessments. *Journal of Athletic Training*. 2015: 50(6): S-221.
38. **Schmidt JD**, Phan TT, Courson RW, Reifsteck III F, Merritt EM. Heavier football facemasks influence head impact location. *Journal of Athletic Training*. 2015: 50(6): S-68.
39. Ko J, Rosen AB, **Schmidt JD**, Simpson KJ, Crowell CB. Is body mass index percentile a covariate to functional performance tests in adolescents with and without chronic ankle instability? *Journal of Athletic Training*. 2015: 50(6):S-254.
40. Brown CB, Ko J, Rosen AB, **Schmidt JD**, Simpson KJ. Anterior reach deficits in star excursion balance tests in an adolescent unstable ankle population. *Medicine and Science in Sport and Exercise*. 2015:47(5S): 130.
41. Ko J, Samson CO, **Schmidt JD**, Simpson KJ, Crowell CB. Functional performance tests in an adolescent population with chronic ankle instability. *Medicine and Science in Sport and Exercise*. 2015: 47(5S):128.
42. **Schmidt JD**, Guskiewicz KM, Mihalik JP. Baseline neurocognition and balance do not influence head impact severity in high school football players. *Medicine and Science in Sport and Exercise*. 2015: 47(5S):957.
43. Hoffman NL, Courson RW, McGovern RP, Merritt ED, Crowell CB, Simpson KJ, **Schmidt JD**. The effect of sleep quality on head impact severity in collegiate football players. *Medicine and Science in Sport and Exercise*. 2015: 47(5S):958.
44. **Schmidt JD**, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall SW. Cumulative sub-concussive head impacts degrade visual target capture times in high school football players. *Journal of Athletic Training*. 2014: 49(3): S-93.
45. **Schmidt JD**, Blackburn JT, Siegmund GP, Mihalik JP, Marshall SW, Guskiewicz KM. Stronger necks do not attenuate football head impacts. *Medicine and Science in Sport and Exercise*. 2014: 46(5S).
46. Merritt ED, **Schmidt JD**, Courson RW, Brown CN, Refisteck F, Simpson KJ. The influence of game experience on head impact frequency and severity among collegiate football players. *Medicine and Science in Sport and Exercise*. 2014: 46(5S).
47. Lynall RC, **Schmidt JD**, Mihalik JP, Guskiewicz KM. Clinical utility of re-baseline computerized neurocognitive testing following concussion recovery. *Journal of Athletic Training*. 2014: 49(3): S-87.



48. Mihalik JP, Lynall RC, **Schmidt JD**, Register-Mihalik JK. The effect of concussion history and scholastic age on visual performance. *Journal of Athletic Training*. 2014: 49(3): S-74.
49. Hodgson CR, Brown CN, **Schmidt JD**, Dew M. Dual thoracic outlet syndrome surgeries and ulnar neuropathy in a female collegiate softball athlete. *Journal of Athletic Training*. 2014: 49(3): S-274.
50. Lawrence YP, Chandler DO, Brown CN, **Schmidt JD**. Retinal detachment resulting from indirect trauma in a collegiate pole vaulter. *Journal of Athletic Training*. 2014: 49(3): S-275.
51. **Schmidt JD**, Guskiewicz KM, Mihalik JP. Forward head posture increases the risk of crown of the head impacts in football. *Journal of Athletic Training*. 2013: 48(3): S-190.
52. Trinidad KJ, **Schmidt JD**, Register-Mihalik JK, Groff D, Goto S, Guskiewicz KM. Predicting clinical concussion measures at baseline based on academic profile and motivation. *Journal of Athletic Training*. 2013: 48(3): S-30.
53. **Schmidt JD**, Guskiewicz KM, Mihalik JP. Isometric cervical muscle strength mitigates head impact severity. *British Journal of Sports Medicine*. 2014: 47(5):e1.
54. **Schmidt JD**, Register-Mihalik JK, Mihalik JP, Guskiewicz KM. Neurocognition and postural control of asymptomatic concussed athletes compared to healthy controls. *Journal of Athletic Training*. 2012: 47(3): S-112.
55. Littleton AC, Guskiewicz KM, **Schmidt JD**, Register-Mihalik JK, Gioia GA, Mihalik JP, Waicus KM. The effects of attention deficit hyperactivity disorder (ADHD) and stimulant medications on performance on concussion assessment tests. *Journal of Athletic Training*. 2012: 47(3): S-12.
56. **Schmidt JD**, Trinidad KJ, Guskiewicz KM. Baseline concussion scores are influenced by measured levels of effort. *Medicine and Science in Sport and Exercise*. 2012: 44(5S).
57. **Toler JD**, Mihalik JP, Register-Mihalik JK, Guskiewicz KM. Identifying acute impairments following concussion: Is there a case for baseline testing? *Journal of Athletic Training*. 2011: 46(3).
58. **Toler JD**, Guskiewicz KM, Mihalik JP, Register-Mihalik JK. The influence of attention deficit on baseline concussion measures. *Medicine and Science in Sport and Exercise*. 2011: 43(5S).

59. Mihalik JP, Guskiewicz KM, Register-Mihalik JK, **Toler JD**. Subconcussive head impacts do not result in short-term clinical impairments in youth ice hockey players. *Medicine and Science in Sport and Exercise*. 2011: 43(5S).
60. **Toler JD**, Mihalik JP, Petschauer MA, Oyama S, Halverson DS, Guskiewicz KM. Time, head movement, and helmet movement during emergency airway access techniques in American football. *Journal of Athletic Training*. 2010: 45(3): S-89
61. **Toler JD**, Petschauer MA, Mihalik JP, Oyama S, Halverson DS, Guskiewicz KM. Alternative airway access techniques in American football. *Medicine and Science in Sport and Exercise*. 2010: 42(5S).

#### **Book Chapters:**

1. Lynall RC, **Schmidt JD**. (2016). Head impact biomechanics in sport. *Concussions in Athletics: Assessment, Management and Emerging Issues*. Nova Publishers.
2. Mihalik JP, **Schmidt JD**. (2014). Can protective equipment or strengthening the neck decrease the risk of concussion? In T. C. Valovich McLeod (Ed.), *Quick questions in sport-related concussion*. Thorofare, NJ: Slack, Inc.

#### **Non-Published Abstracts:**

1. Johnson RJ, Anderson MN, Weber ML, Lynall RC, Miller LS, Courson RW, **Schmidt JD**. The Relationship Between Perceived Pressure and Concussion Reporting Intentions in Collegiate Student-Athletes. *2018 Sport Neuropsychology Society Annual Symposium*. 2018.
2. Phan TT, **Schmidt JD**, Courson RW, Reifsteck III F, Merritt EM. Football Facemask Mass Influences Head Impact Location. *University of Georgia's Center of Undergraduate Research Opportunities Symposium*. Athens, GA. (March 31, 2014).
3. **Schmidt JD**, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall SW. Visual Performance Declines Following Play Exposure in High School Football. *Southern Translational Education and Research Conference*. Augusta, GA. (September 26-27, 2013).

#### **Journal Editorial Board Status**

Associate Editor: *Athletic Training and Sport Health Care* (January 2018-Present)

#### **Journal Reviewer Status**

*Journal of Sport Rehabilitation* (February 2020-Present)

*Sport Health* (January 2020- Present)

*Journal of Sports Sciences* (March 2019- Present)

*Physiological Measurement* (November 2018- Present)

*Clinical Journal of Sports Medicine* (May 2018- Present)

*Brain & Behavior* (April 2018-Present)  
*Sports Medicine* (November 2017- Present)  
*Journal of Applied Biomechanics* (October 2017- Present)  
*The Physician and Sports Medicine* (November 2016-Present)  
*International Journal of Athletic Therapy and Training* (November 2016-Present)  
*Journal of Science and Medicine in Sport* (September 2016- Present)  
*Journal of Neurotrauma* (September 2016- Present)  
*Sports Biomechanics* (April 2015-Present)  
*American Journal of Sports Medicine* (July 2014-Present)  
*Medicine and Science in Sport and Exercise* (March 2014-Present)  
*Brain Injury* (March 2014-Present)  
*The Journal of Neuroscience* (January 2014-Present)  
*Athletic Training and Sport Health Care* (April 2013- Present)  
*Journal of Athletic Training* (August 2011- Present)

### **Grant Proposal Reviewer Status**

National Athletic Trainers' Association Research and Education Foundation  
(March 2013-Present)

### **Graduate Student Mentorship**

Eric Shumski (Secondary Advisor – Doctoral - 2020-2024)

Divya Jain. Utility of fNIRS to Quantify the Neurophysiology of the Injured Brain and the Effect on Adolescent Driving Behaviors Post-Concussion.  
(Committee Member - Doctoral- 2020) – Department of Bioengineering,  
University of Pennsylvania

Rachel Le. (Primary Advisor - Doctoral- 2018-2022).

Rachel Johnson. (Secondary Advisor - Doctoral- 2017-2021).

Melissa Anderson. Examining functional reaction time in individuals with and without anxiety following concussion. (Primary Advisor - Doctoral- 2017-2021).

Landon Lempke. Identifying Somatosensory and Neuromuscular Deficits Throughout Concussion Recovery. (Secondary Advisor - Doctoral- 2017-2021).

Anna Fink. Returning to learn after concussion: invisible struggles of an invisible injury a phenomenological investigation of college student experiences  
(Committee Member – Master's- 2017-2019).

Michelle Weber Rawlins. Understanding factors influencing sport-related concussion reporting behavior. (Advisor - Doctoral- 2015-2019).

Nicole Hoffman. The influence of sleep on concussion recovery. (Advisor - Doctoral- 2014-2018).

Yumeng Li. Can chronic ankle instability affect knee biomechanics and muscle activations for females? (*Committee Member - Doctoral- 2013-2016*).

Eric Merritt. Effect of concussion history on dynamic balance performance in collegiate athletes. (*Advisor - Master's 2013-2015*).

Alice Pierce. The effect of previous concussion on attitudes, beliefs, and behaviors of youth ice hockey head impacts. (*Committee Member - Master's- 2012-2013*).

Breton Asken. A comparison of various clinical measures of visual performance in healthy participants and concussed patients. (*Committee Member - Honor's 2012-2013*).

Joseph Ingriselli. Neurocognitive and balance performance following a dual-task training intervention in healthy collegiate recreational athletes. (*Committee Member - Master's- 2011-2012*).

Katrina Trinidad. Predicting clinical concussion measures based on academic profile and motivation. (*Committee Member - Master's- 2011-2012*).

Kody Pratson. An in-vivo biomechanical study of collegiate football players: the inter-instrument reliability of the X2Impact mouthpiece and the Head Impact Telemetry System. (*Committee Member - Honor's- 2011-2012*).

Ashley Littleton. The effects of attention deficit hyperactivity disorder (ADHD) and stimulant medication on clinical measures of concussion. (*Committee Member - Master's- 2010-2011*).

Karen Ocwieja. The effect of play type and collision closing distance on head impact biomechanics. (*Committee Member - Master's- 2010-2011*).

Sarah Bell. Validity of the handheld myotonometer in comparison with the damped oscillation paradigm when assessing muscle stiffness of the hamstrings. (*Committee Member - Master's- 2012-2013*).

Wyatt Little. Excessive foot pronation and hip muscle activation during functional activity. (*Committee Member - Master's- 2012-2013*).

Michael Baum. The influence of psychological distress on baseline concussion measures. (*Committee Member - Master's- 2011-2012*).

## **GRANT ACTIVITY**

*Funded*

**2021-2022** **Schmidt JD**, Lynall RC, D’Lauro C, Register-Mihalik JK, Kerr ZK, Leeds D, Kroshus E, McAllister T, Broglio SP  
 Optimizing Concussion Care Seeking (OCCS) In Military Service Members and Athletes: A Machine Learning Approach Using CARE Consortium Data  
 Department of Defense  
 Role: Principal Investigator  
 Amount: \$749,976

**2021-2023** **Schmidt JD**, Gore R, Devos H, Miller LS, Lynall RC  
 Drive Safe: Driving Safety in Adolescents and Young Adults after Concussion  
 Andee’s Army Foundation  
 Role: Co-Principal Investigator  
 Amount: \$200,000

**2020-2021** **Schmidt JD**, Devos H, Miller LS, Lynall RC  
 Longitudinal Assessment of Post-Concussion Driving (LAPD): Developing Evidence-Based Driving Recommendations  
 Georgia Clinical and Translational Science Alliance  
 Role: Principal Investigator  
 Amount: \$50,000

**2020-2021** Lempke LB, **Schmidt JD**, Call JA, Hoch MC, Lynall RC.  
 Identifying Somatosensory and Neuromuscular Deficits Throughout Concussion Recovery.  
 National Athletic Trainers’ Association (NATA) Research and Education Foundation Doctoral Student Grant - Cantu-Guskiewicz Research Endowment for Sport Concussion.  
 Role: Co-Investigator  
 Amount: \$2,470

**2020-2021** Lempke LB, Call J, Oh J, **Schmidt JD**, Lynall RC  
 Quantifying Biomechanical Deficits During Functional Movements Throughout Concussion Recovery  
 American College of Sports Medicine Doctoral Research Grant  
 Role: Co-Investigator  
 Amount: \$4,995

**2019-2020** Lynall RC, **Schmidt JD**, Modlesky CM.  
 Changes in Brain Physiology Associated with Youth Tackle and Flag Football: A Pilot Study.  
 The National Operating Committee on the Standards for Athletic Equipment (NOCSAE)  
 Role: Co-Investigator  
 Amount: \$59,661

**2018-2020** Broglio SP, McCrea MA, McAllister TW (Principal Investigators); CARE Consortium Investigators (**Schmidt, JD**)

NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education (CARE) 2.0 Consortium: Longitudinal Clinical Study Core (CSC)

National Collegiate Athletics Association & Department of Defense (Subcontract from University of Michigan)

Role: UGA Site-Principal Investigator

Amount: \$218,362 for UGA subcontract

**2018-2019** Lynall RC, Anderson MA, Johnson R, Lempke L, **Schmidt, JD**

Simple vs. dynamic reaction time: The evolution of concussion assessment.

UGA College of Education Early Career Faculty Research Grant

Role: Co-Investigator

Amount: \$5,000

**2016-2019** **Schmidt, JD**, Suggs DW, Bierema L, Courson RW, Miller LS, Reifsteck F

Improving concussion reporting behaviors across all NCAA member institutions

National Collegiate Athletics Association & Department of Defense

Role: Principal Investigator

Amount: \$399,897

**2015-2016** **Schmidt, JD**, Clugston JR

Sport-related concussion research collaboration initiative: University of Georgia & University of Florida

Southeastern Conference Travel Grant Program

Role: Principal Investigator

Amount: \$1,267

**2014-2017** Broglio SP, McCrea MA, McAllister TW (Principal Investigators); CARE Consortium Investigators (**Schmidt, JD**)

NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education (CARE) Consortium – Longitudinal Clinical Study Core

National Collegiate Athletics Association & Department of Defense (Subcontract from University of Michigan)

Role: UGA Site-Principal Investigator

Amount: \$413,454 for UGA subcontract

**2014-2015** **Schmidt, JD**, Devos H, Miller LS, Tomporowski P.

Driving after a concussion: Is it safe to drive after symptoms resolve?

Office for the Vice President of Research Faculty Research Grant

Role: Principal Investigator

Amount: \$9,932

*In Review*

*Not Funded*

**2020-2024** Mauntel T, Lynall RC, Hendershot D, **Schmidt, JD**, Brooks D, Dickens J, Call J, Singh T.

The Brain-Body Connection: Assessing Post Mild Traumatic Brain Injury Neuromuscular Function And Neuromusculoskeletal Injury Risk

Department of Defense

Role: Co-Investigator

Amount: \$715,435 (subcontract amount)

**2020-2023** Lynall RC, Mauntel T, Call J, , Brooks D, Dunn J, Hendershot D, Howell D, **Schmidt, JD**, Kardouni J, Sell T.

Improving Post-Mild Traumatic Brain Injury Risk Assessment through Sensorimotor Performance and Psychosocial Health Evaluation

Department of Defense

Role: Co-Investigator

Amount: \$1,992,558

**2020-2021** Anderson M, Lynall RC, O'Connor P, **Schmidt, JD**

An Examination of Functional Reaction Time in Individuals with and without Anxiety Following Concussion

American College of Sports Medicine Doctoral Research Grant

Role: Sponsor/Advisor

Amount: \$4,610

**2020-2023** D'Lauro C, **Schmidt, JD**, Leeds D, Lynall RC, Johnson B, McDowell JE.

Season-long Effects of Head Accelerations on Military and Athlete Cognitive Performance: A Female Focused Approach

Department of Defense

Role: Co-Investigator

Amount: \$749,468

**2020-2019** **Schmidt, JD**, Lynall RC, Oh J, Le R, D'Lauro CD

The Influence of Cervical Muscle Characteristics on Head Impact Biomechanics in Women's Rugby

The National Operating Committee on the Standards for Athletic Equipment (NOCSAE)

Role: Principal Investigator

Amount: \$60,000

**2020-2023** Anderson ML, Lynall RC, O'Connor P, Miller LS, **Schmidt, JD**

An Examination of Functional Reaction Time in Individuals with and without Anxiety Following Concussion

National Institutes of Health (F31)

Role: Sponsor/Co-Investigator

Amount: \$142,335

**2020-2023** Anderson ML, Lynall RC, O'Connor P, Miller LS, **Schmidt JD**  
 A Preliminary Examination of Anxiety Following Concussion and its Influence  
 on Risk of Re-Injury  
 Society for Experimental Analysis of Behavior  
 Role: Sponsor/Co-Investigator  
 Amount: \$4995

**2019-2022** Lynall RC, Mauntel TC, **Schmidt JD**, Meehan W, Buckley TA.  
 Neurocognitive Function and Musculoskeletal Injury in Physically Active Service  
 Members and Civilians.  
 Defense Medical Research and Development Program, Investigator-Initiated  
 Research Award (W81XWH18PRMRPIIRA)  
 Role: Co-Investigator  
 Amount: \$1,790,610 (\$1,321,217 UGA portion of Partnering PI submission)

**2019-2020** **Schmidt JD**, Miller LS, Lynall RC, McDowell J, Devo H, Gore R  
 Post-Concussion Driving Performance and Predictors: Developing Evidence-Based  
 Driving Recommendations  
 University of Georgia's Presidential Seed Grant  
 Role: Co-Investigator  
 Amount: \$150,000.00

**2019-2020** **Schmidt JD**, Devos H, Miller LS, Lynall RC  
 Longitudinal Assessment of Post-Concussion Driving: Developing Evidence-  
 Based Driving Recommendations  
 Georgia Clinical and Translational Science Alliance  
 Role: Principal Investigator  
 Amount: \$50,000

**2019-2024** **Schmidt JD**, Devos H, Miller LS, Lynall RC, McDowell JE,  
 Rathbun S  
 Longitudinal Assessment of Post-Concussion Driving: Developing Evidence-  
 Based Driving Recommendations  
 National Institute of Health (R01)  
 Role: Principal Investigator  
 Amount: \$1,757,442

**2018-2020** Lynall RC, **Schmidt JD**, Cameron K  
 A longitudinal investigation of dynamic movement following concussion  
 National Institute of Health  
 Role: Co-Investigator  
 Amount: \$415,729

**2018-2019** Lynall RC, **Schmidt JD**, Call JA, McCully KK.



Neurophysiologic contributors to functional movement and dynamic balance deficits post-concussion.

University of Georgia Junior Faculty Seed Grant in STEM

Role: Co-Investigator

Amount: \$14,950

**2018-2023** Miller LS, **Schmidt JD**, Lynall RC, Phillips B, Rathbun S  
Long term structural and functional brain effects of sport concussion in aging  
National Institute of Health

Role: Co-Investigator

Amount: \$ \$2,424,143

**2018-2023**

Buckley TA, Lynall RC, Munkasy BA, Hall EE, Ketcham CJ, Srikant V, Howell DR, Meehan WP, Kerr ZY, **Schmidt JD**, Pohlig R.

Determinants of Concussion Recovery and Predictors of Subsequent Musculoskeletal Injuries

National Institute of Health

Role: Co-Investigator

Amount: \$ 3,405,309.00

**2017-2018** Lynall RC, **Schmidt JD**, Valovich-McLeod TC, Murray NG, LaPlaca MC

Tackle vs. Flag youth football: On-field head impact exposure and risk perceptions

National Athletic Trainers' Association New Investigator Grant

Role: Co-Investigator

Amount: 22,988.63

**2017-2018** Lynall RC, Call J, **Schmidt JD**, McCully K  
Neurophysiologic contributors to functional movement deficits post-concussion: refining post-injury

Assessment to Improve Patient Outcomes

UGA's Clinical and Translational Research Unit

Role: Co-Investigator

Amount: 21,619.00

**2017- 2020** **Schmidt JD**, Lynall RC, Valovich-McLeod TC, Murray NG, Wasserman E, Miller LS

Youth sport concussion prevention: An incentivized data-driven intervention approach

Center for Disease Control and Prevention

Role: Co-Principal Investigator

Amount: \$1,650,000

**2017-2018** O'Brien K, Lynall RC, **Schmidt JD**, Miller LS, Courson RW

Project TIME: A transdisciplinary investigation into memory effects of concussion

University of Georgia's Presidential Seed Grant

Role: Co-Investigator

Amount: \$150,000.00

**2016-2019** **Schmidt, JD**, Lynall RC, Valovich-McLeod TC, Murray NG, LaPlaca MC, Munkasy BA

Georgia sports concussion research coalition: Youth football safety initiative  
Center for Disease Control and Prevention

Role: Co-Principal Investigator

Amount: \$650,000

**2015-2016** Webb C, McCully KK, Jenkins NT, **Schmidt, JD**

DAMPs and hypertension in American footballers

National Institute of Health

Role: Co-Investigator

Amount: \$750,000

**2015-2016** **Schmidt, JD**, Devos H, Miller LS, Akinwuntan A, Tomporowski P

Predicting readiness to return to driving after a concussion using neuropsychological assessments

National Academy of Neuropsychology Research Grant Program

Role: Principal Investigator

Amount: \$15,000

**2015-2016** Devos H, **Schmidt, JD**, Miller LS, Akinwuntan A, Tomporowski P

Readiness to return to driving after a concussion

University of Georgia – Georgia Regents University Inter-Institutional Seed Funding Program

Role: Co-Principal Investigator

Amount: \$50,000

**2015-2016** **Schmidt, JD**, Devos H, Miller LS, Akinwuntan A, Tomporowski P

Readiness to return to driving after a concussion

University of Georgia – Georgia Regents University Inter-Institutional Seed Funding Program

Role: Co-Principal Investigator

Amount: \$75,000

## CURRICULUM EXPERIENCE

### The University of Georgia:

#### *Undergraduate Courses*

**Instructor:** Organization & Administration in Sports Medicine, Fall 2020

**Instructor:** Upper Extremity Injury Evaluation in Athletic Training, Spring 2020  
**Instructor:** Organization & Administration in Sports Medicine, Fall 2019  
**Instructor:** First Year Odyssey: The Concussion Crisis: Would You Let Your Child Play Football?, Fall 2019  
**Instructor:** Upper Extremity Injury Evaluation in Athletic Training, Spring 2019  
**Instructor:** Organization & Administration in Sports Medicine, Fall 2018  
**Instructor:** First Year Odyssey: The Concussion Crisis: Would You Let Your Child Play Football?, Fall 2018  
**Instructor:** Organization & Administration in Sports Medicine, Fall 2017  
**Instructor:** First Year Odyssey: The Concussion Crisis: Would You Let Your Child Play Football?, Fall 2017  
**Instructor:** Organization & Administration in Sports Medicine, Fall 2016  
**Instructor:** First Year Odyssey: The Concussion Crisis: Would You Let Your Child Play Football?, Fall 2016  
**Instructor:** Upper Extremity Injury Evaluation in Athletic Training, Spring 2016  
**Instructor:** First Year Odyssey: The Concussion Crisis: Would You Let Your Child Play Football?, Spring 2016  
**Instructor:** Applied Biomechanics, Spring 2015  
**Instructor:** First Year Odyssey: The Concussion Crisis: Would You Let Your Child Play Football?, Fall 2014  
**Instructor:** Organization & Administration in Sports Medicine, Fall 2014  
**Instructor:** Applied Biomechanics, Spring 2014  
**Instructor:** Upper Extremity Injury Evaluation in Athletic Training, Spring 2014  
**Instructor:** Care & Prevention of Athletic Injuries, Fall 2013  
**Instructor:** Organization & Administration in Sports Medicine, Fall 2013

*Graduate Courses*

**Instructor:** Research Methods in Kinesiology, Fall 2020  
**Instructor:** Research Methods in Kinesiology, Spring 2020  
**Instructor:** Research Methods in Kinesiology, Fall 2019  
**Instructor:** Neurological Aspects of Sport Injury, Spring 2018  
**Instructor:** Neurological Aspects of Sport Injury, Spring 2015

**The University of North Carolina at Chapel Hill:**

*Undergraduate Courses*

**Instructor:** Human Cadaver Anatomy Lab, Summer Session I 2013  
**Instructor:** Human Cadaver Anatomy Lab, Spring 2013  
**Teaching Assistant:** Human Anatomy, Spring 2013  
**Instructor:** Emergency Care, Fall 2012  
**Co-Instructor:** Human Anatomy, Summer Session I 2012  
**Instructor:** Human Cadaver Anatomy Lab, Spring 2012  
**Instructor:** Emergency Care, Fall 2011  
**Teaching Assistant:** Neuromuscular Control & Learning, Spring 2011  
**Instructor:** Human Cadaver Anatomy Lab, Spring 2011  
**Instructor:** Emergency Care, Fall 2010  
**Instructor:** Human Cadaver Anatomy Lab, Summer Session II 2010

**Instructor:** Human Cadaver Anatomy Lab, Spring 2010

**Instructor:** Emergency Care, Fall 2009

**Laboratory Instructor:** Human Anatomy, Spring 2008

**Teaching Assistant:** Beginning Swimming, Fall 2007, Spring 2008, Fall 2008, Spring 2009. Beginning Jogging, Spring 2009.

**Approved Clinical Instructor:** Supervised undergraduate Athletic Training students during clinical experience, Fall 2007-2009.

*Graduate Courses*

**Teaching Assistant:** Human Gross Anatomy for Athletic Trainers, Fall 2008

**CLINICAL EXPERIENCE**

**University of Georgia Sport-Related Concussion Laboratory Director**

Sport-Related Concussion Evaluations (UGA student-athletes; 2013-present)

University Health Center Concussion Evaluations (UGA students; 2015-present)

Annual Baseline Concussion Evaluations (UGA; 2013-present)

**Matthew A. Gfeller Sport-Related Traumatic Brain Injury Research Center**

Sport-Related Concussion Evaluations (UNC-CH student-athletes; 2009-present)

Weekly Concussion Clinic (Outside referrals; 2011-present)

Annual Baseline Concussion Evaluations (UNC-CH & local high school athletes; 2009-present)

**The University of North Carolina at Chapel Hill**

Graduate Assistant Athletic Trainer: Women's Volleyball (2007-2009)

Graduate Assistant Athletic Trainer: Women's Lacrosse (2007-2009)

Head Athletic Training Coordinator: Women's Volleyball and Women's Lacrosse Summer Camps (Summer 2008)

**Southwest Senior High School (San Diego, CA)**

Athletic Trainer: Varsity Football (Fall 2006)

**Bakersfield Blitz Professional Arena Football II**

Athletic Training Aide (Summer 2006)

**Point Loma Nazarene University**

Student Athletic Trainer: Women's Volleyball (2005- 2006)

Student Athletic Trainer: Sweetwater Union High School Track/Field and Wrestling (Spring 2005)

Student Athletic Trainer: Clairemont High School Football (Fall 2004)

## **MEMBERSHIPS/CERTIFICATIONS**

**Certified Athletic Trainer:** National Athletic Trainers' Association Board of Certification #070702902 (2003-Present)

**Licensed Athletic Trainer:** Georgia Professional License Board #AT002407

**National Athletic Trainer's Association Member** #22886 (2004- Present)

**Mid-Atlantic Athletic Trainer's Association Member** (2007-Present)

**Approved Clinical Preceptor** (2007-Present)

**American Red Cross**

CPR/AED for the Professional Rescuer Instructor (2009-Present)

CPR/AED for the Professional Rescuer certified (2003-Present)

Emergency Response certified (2003-2009)