

# FULL CURRICULUM VITA

## JOHNA K. REGISTER-MIHALIK, PhD, LAT, ATC

### A. PERSONAL INFORMATION

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### B. EDUCATION

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

Postdoctoral Training, February 2012

College of Arts and Sciences, Department of Exercise and Sport Science

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

*Focus: Prevention and Management Strategies for Sport-Related Traumatic Brain Injury*

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

Doctor of Philosophy, August 2010

School of Medicine, Department of Allied Health Sciences, Curriculum in Human  
Movement Science

*Dissertation: An Assessment of High School Athletes' and Coaches' Knowledge,  
Attitudes, and Behaviors Concerning Concussion*

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

Master of Arts, May 2006

College of Arts and Sciences, Department of Exercise and Sport Science (Athletic  
Training Specialization)

*Thesis: The Effects of Headache on Measures of Neurocognitive and Balance  
Performance*

**The University of Alabama**, Tuscaloosa, AL

Bachelor of Science, May 2004

College of Human Environmental Sciences, Department of Health Science (Athletic  
Training Specialization)

### C. PROFESSIONAL EXPERIENCE

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

*Department of Exercise and Sport Science, College of Arts and Sciences*

*Associate Professor, July 2020 to present*

*Co-Director, STAR Heel Performance Laboratory, July 2020-present*

*Co-Director*, Traumatic Division, National Center for Catastrophic Sport Injury Research  
July 2016 to present

*Assistant Professor*, July 2014 to June 2020

*Core Faculty*, Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center,  
July 2014 to present

*Adjunct Assistant Professor*, February 2012 to June 2014

*Postdoctoral Research Associate*, July 2010 to February 2012

*Doctoral Research Assistant*, August 2006 to July 2010

*Graduate Teaching Assistant and Athletic Trainer*, August 2004 to May 2006

***Injury Prevention Research Center***

*Research Scientist/Core Faculty*, July 2014 to present

***Department of Allied Health Sciences, School of Medicine***

*Core Faculty*, Curriculum in Human Movement Science, August 2014 to present

**WakeMed Health & Hospitals, Raleigh, NC**

***Emergency Services Institute***

*Senior Research Associate*, Clinical Research Unit, February 2012 to June 2014

**North Carolina Central University, Durham, NC**

***Department of Physical Education and Recreation***

*Adjunct Instructor*, January 2006 to May 2006

**The University of Alabama, Tuscaloosa, AL (August 2002-May 2004)**

***Department of Health Science, College of Human Environmental Sciences***

*Student Teaching Assistant*, August 2002 to May 2004

**D. HONORS**

- 2022 Fellow, National Athletic Trainers' Association
- 2020 Fellow, American College of Sports Medicine
- 2018 National Athletic Trainers' Association Foundation New Investigator Award
- 2014 North Carolina Athletic Trainers' Association Leadership Institute Fellow
- 2013 National Athletic Trainers' Association Research and Education Foundation Research Mentor Program Fellow
- 2011 University of Alabama, College of Human Environmental Sciences, Jack Davis Professional Achievement Award
- 2011 UNC-CH Graduate Education and Advancement Board's Impact Award Recipient
- 2009 National Athletic Trainers' Association Research and Education Foundation Doctoral Scholarship Recipient
- 2009 Southeastern American College of Sports Medicine Student Research Award Finalist
- 2008 National Athletic Trainers' Association Research and Education Foundation Doctoral Oral Research Award Winner
- 2008 UNC-CH Student Undergraduate Teaching and Staff Award

- 2008 Southeastern American College of Sports Medicine Chapter Student Research Award Finalist
- 2006 UNC-CH Center for Teaching and Learning Future Faculty Fellowship
- 2006 National Athletic Trainers' Association Research and Education Foundation Master's Oral Presentation Winner
- 2006 UNC-CH Marvin E. Allen Teaching Assistant Award
- 2004 University of Alabama Outstanding Senior in the College of Human Environmental Sciences
- 2004 University of Alabama Outstanding Senior in Athletic Training
- 2004 University of Alabama Summa Cum Laude Graduate
- 2003 National Athletic Trainers' Association Research and Education Foundation Undergraduate Scholarship Recipient

## **E. BIBLIOGRAPHY & PRODUCTS OF SCHOLARSHIP**

### ***Books and Chapters (8)***

1. **Register-Mihalik JK.** (2018). Evaluation of the head and face. *Evaluation of the Upper and Lower Extremities*. Burlington, MA: Jones and Bartlett Learning. In Press.
2. **Register-Mihalik JK,** Vander Vegt CB. (2017). Ch 13. Active management of concussion: Where are we headed? *Concussion in Athletics*. Hauppauge, NY: Nova Science Publishers, Inc: 183-196.
3. **Register-Mihalik JK.** (2015). Sport-Related Concussion. *Epidemiology for Athletic Trainers*. Thorofare, NJ: Slack, Inc: 105-118.
4. **Register-Mihalik JK.** (2015). What are the best educational materials available to help a coach, parent or athlete learn about concussions? *Quick Questions in Sports-Related Concussion: Expert Advice in Sports Medicine*. Thorofare, NJ: Slack, Inc: 11-14.
5. **Register-Mihalik JK.** (2015). What factors aid in the prevention of concussion, specifically recurrent concussion? *Quick Questions in Sports-Related Concussion: Expert Advice in Sports Medicine*. Thorofare, NJ: Slack, Inc: 49-52.
6. **Register-Mihalik JK & Mihalik JP.** (2015). Are there any rehabilitation exercises you can do to help a concussed athlete heal faster? *Quick Questions in Sports-Related Concussion: Expert Advice in Sports Medicine*. Thorofare, NJ: Slack, Inc: 141-144.
7. Marshall SW & **Register-Mihalik JK.** (2009). Softball injuries. *Epidemiology of Injury in Olympic Sports, Volume XVI*. International Olympic Committee. Hoboken, NJ: Wiley-Blackwell. <https://doi.org/10.1002/9781444316872.ch18>.

- Guskiewicz KM & **Register-Mihalik JK**. (2009). Chapter 5: Clinical management of sport related head injury. *Emergency Care in Athletic Training*. Philadelphia, PA: F.A Davis: 69-92.

#### ***Refereed Papers/Articles in Review (6)***

a=student/trainee led; b=senior author

- Ingram BI, Kay MC, Vander Vegt CB, McGill CA, **Register-Mihalik JK**. (2022). A pilot in-depth analysis of youth sport coaches' perceptions of sport culture, safety, and injury prevention. *International Sport Coaching*, In Review.<sup>a,b</sup>
- Callahan CE, Zieff G, Stoner L, **Register-Mihalik, JK**. (2022). The Additive Benefits of Aerobic Exercise and Cognitive Training Post-Concussion: A Current Clinical Concept Paper. *Journal of Athletic Training*, In Revision.<sup>a,b</sup>
- Chandler MC, Bloom J, Fonseca J, Ramsey K, DeMaio VJ, Callahan CE, & **Register-Mihalik JK**. Individual symptom report prevalence in children and adolescents with one, two, and three or more persistent symptoms after concussion: A brief report. *Clinical Journal of Sports Medicine*, In Review.<sup>a,b</sup>
- Register Mihalik JK**, Leeds DD, Kroshus E, Kerr ZY, Knight K, D'Lauro C, Lynall RC, Ahmed T, Hagiwara Y, Broglio SP, McCrea M, McAllister T, Schmidt JD, & CARE Consortium Investigators. (2022). Optimizing Concussion Care Seeking: Identification of Institutional and Individual Factors Predicting Previous Concussion Diagnosis Status. *Medicine & Science in Sports & Exercise*, In Review.
- Lynall RC, D'Lauro C, Kerr ZY, Knight K, Kroshus E, Leeds D, **Register-Mihalik JK**, Broglio SP, McAllister T, Schmidt JD, & CARE Consortium Investigators. Optimizing Concussion Care Seeking: The Influence of Concussion Care Seeking History on Baseline Assessment Outcomes. *Amer J Sports Med*, In Review.
- Schmidt JD, Broglio SP, Knight K, Leeds D, Lynall RC, D'Lauro C, **Register-Mihalik JK**, Kroshus E, McCrea MA, McAllister T, Kerr ZY & CARE Consortium Investigators. Optimizing Concussion Care Seeking: Optimizing Concussion Care Seeking: A Longitudinal Analysis of Recovery. *Amer J Sports Med*, In Review.

#### ***Accepted and Published Refereed Papers/Articles (131)***

a=student/trainee led; b=senior author

- Chandran A, Boltz AJ, Morris SN, Robison HJ, Nedimyer AK, Collins CL, **Register-Mihalik JK**. (2022). Epidemiology of Concussions in National Collegiate Athletic Association (NCAA) Sports: 2014/15-2018/19. *Am J Sports Med*. 50(2):526-536. doi: 10.1177/03635465211060340.<sup>b</sup>
- Swartz EE, **Register-Mihalik JK**, Broglio SP, Mihalik JP, Myers JL, Guskiewicz KM, Bailes J, Hoge M. (2022). National Athletic Trainers' Association Position Statement:

Reducing Intentional Head-First Contact Behavior in American Football Players. *J Athl Train.* 57(2):113-124. doi: 10.4085/1062-6050-0062.21.

3. Callahan CE, Kossman MK, Mihalik JP, Marshall SW, Gildner P, Kerr ZY, Cameron KL, Houston MN, Mrazik M, **Register-Mihalik JK.** (2022) Association between Sensation-Seeking Behaviors and Concussion-Related Knowledge, Attitudes, Perceived Norms, and Care-Seeking Behaviors among Collegiate Student-Athletes. *J Sports Sci Med.* 15;21(1):33-42. doi: 10.52082/jssm.2022.33. eCollection 2022 Mar. <sup>a,b</sup>
4. Callahan CE, Bloom JO, Fonseca J, Ramsey K, DeMaio V, Deitchmeister M, **Register-Mihalik JK.** (2022). Presence of persistent parent reported emotional and behavioral-related concussion symptoms is associated with lower health-related quality of life in adolescent athletes. *J Neurotrauma.* doi: 10.1089/neu.2021.0398. Online ahead of print. <sup>a,b</sup>
5. Wallace J, Beidler E, **Register-Mihalik JK,** Hibbler T, Bretzin A, DeMedal S, Kerr ZY. (2022). Examining Concussion Nondisclosure in Collegiate Athletes Using a Health Disparities Framework and Consideration of Social Determinants of Health. *J Athl Train.* 57(1):16-24. doi: 10.4085/1062-6050-0054.21
6. Giuliani-Dewig HK, Kerr ZY, **Register-Mihalik JK,** Mota JA, Ryan ED. (2022). Factors Associated with the Willingness to Perform a Physical Employment Standard in Probation Officers. *Med Sci Sports Exerc.* 54(2):330-336. doi: 10.1249/MSS.0000000000002784. <sup>a</sup>
7. Roberts SD, Schatz P, **Register-Mihalik JK,** Wojtowicz M. Concussion. 2022 Parent knowledge of and attitudes towards youth sport-related concussion and associations with child and parent factors. *Concussion.* Apr 7;6(4):CNC93. doi: 10.2217/cnc-2021-0008. eCollection.
8. Salmon DM, Chua J, Sullivan SJ, Whatman C, Brown J, **Register-Mihalik JK,** Murphy I, Walters S, Clacy A, Sole G, Kerr ZY, Rasmussen K, England M. (2022). Sport concussion assessment in New Zealand high school rugby players: a collaborative approach to the challenges faced in primary care. *Brain Inj.* 10:1-13. doi: 10.1080/02699052.2022.2033839.
9. Salmon DM, Badenhorst M, Walters S, Clacy A, Chua J, **Register-Mihalik JK,** Romanchuk J, Kerr ZY, Keung S, Sullivan SJ, Whatman C. (2022). The rugby tug-of-war: Exploring concussion-related behavioural intentions and behaviours in youth community rugby union in New Zealand. *International Journal of Sports Science & Coaching.* In Press.
10. Salmon DM, Chua J, Sullivan SJ, Whatman C, Brown J, Register-Mihalik J, Murphy I, Walters S, Clacy A, Sole G, Kerr ZY, Rasmussen K, England M. (2021). Baseline concussion assessment performance of community-based senior rugby players: a cross-sectional study. *Brain Inj.* 19;35(11):1433-1442. doi: 10.1080/02699052.2021.1972452. Epub 2021 Oct 18.

11. Roby PR, Duquette PJ, Kerr ZY, **Register-Mihalik JK**, Stoner L, Mihalik JP. (2021). Preseason Cerebrovascular Function in Adolescent Athletes. *Ann Biomed Eng.* 49(10):2734-2746. doi: 10.1007/s10439-021-02764-5. Epub 2021 Mar 22.<sup>a</sup>
12. Kerr ZY, Ingram BM, Callahan CE, Nedimyer AK, Chandran A, Kossman MK, Hoang J, Gildner P, **Register-Mihalik JK**. (2021). Reporting of Concussion Symptoms by a Nationwide Survey of United States Parents of Middle School Children. *Int J Environ Res Public Health.* 8(22):12070. doi: 10.3390/ijerph182212070.
13. Weber Rawlins ML, Johnson BR, **Register-Mihalik JK**, De Angelis K, Schmidt JD, D'Lauro CJ. (2021). United States Air Force Academy Cadets' Unprompted Concussion Knowledge: Perceived Differences and Similarities in Concussions and Bell-Ringers/Dings. *J Athl Train.* Jun 15. doi: 10.4085/1062-6050-0685.20.
14. Kossman (Kay) MC, Hennink-Kaminski, H, Kerr ZY, Gildner P, Ingram BM, Cameron KL, Houston MN, Linnan LA, Marshall SW, Peck KY, **Register-Mihalik JK**. (2021). Factors and Expectations Influencing Concussion Disclosure within NCAA Division I Athletes: A Mixed Methodological Approach. *J Sport and Health Science.* S2095-2546(21)00103-4. doi: 10.1016/j.jshs.2021.09.006.<sup>a,b</sup>
15. Haarbauer-Krupa JK, **Register-Mihalik JK**, Nedimyer AK, Chandra A, Kay MC, Gildner P, Kerr ZY. Factors Associated with Concussion Symptom Knowledge and Attitudes Towards Concussion Care-seeking among Parents of Children Aged 5-10 years. *J Safety Research.* 78:203-209. doi: 10.1016/j.jsr.2021.05.003.<sup>b</sup>
16. Kerr ZY, Nimphius S, Stoner L, Ahmed OH, **Register-Mihalik JK**, Fortington LV. (2021). Strategies for engaging "multiple disciplinary" teams in sport- and exercise-related research. *J Sci Med Sport.* 24(9):851-854. doi: 10.1016/j.jsams.2021.03.002.
17. Kay MC, McCrae AJ, Pryor RR, Frank SC, Hayford R, Logan PC, Moakley MG, **Register-Mihalik JK**, Kerr ZY. (2021). Barriers and facilitators faced by athletic trainers implementing NATA-IATF preseason heat-acclimatization guidelines in United States high school football. *J Athl Train.* 56(8):816-828: 10.4085/321-20.PMID: 33150946.<sup>a,b</sup>
18. Wallace J, Beidler E, Kerr ZY, Hibbler T, Anderson M, **Register-Mihalik JK**. Assessing Differences in Concussion Symptom Knowledge and Sources of Information Among Black and White Collegiate-Athletes. (2021). *J Head Trauma Rehabil.* 36(3):139-148. doi: 10.1097/HTR.0000000000000672.<sup>b</sup>
19. Weber Rawlins ML, Johnson BR, **Register-Mihalik JK**, DeAngelis K, Schmidt JD, D'Lauro CJ. (2021). United States Air Force Academy Cadets' Unprompted Knowledge of Concussions and Bell-Ringers/Dings: Perceived Differences and Similarities. *J Athl Train.* 15;57(1):25-31. doi: 10.4085/1062-6050-0685.20. Online ahead of print.

20. Roby PR, Duquette P, Kerr ZY, **Register-Mihalik JK**, Stoner L, Mihalik JP. Repetitive Head Impact Exposure and Cerebrovascular Function in Adolescent Athletes. *J Neurotrauma*. 2021 Apr 1;38(7):837-847. doi: 10.1089/neu.2020.7350. Epub 2020 Nov 23.<sup>a</sup>
21. Shanley E, Thigpen C, Kissenberth M, Gilliland RG, Thorpe J, Nance D. (2021). **Register-Mihalik JK**, Tokish J. Heads Up Football Training decreases concussion rates in high school football players. *Clinical Journal of Sports Medicine*. 31(2):120-126
22. Kroshus E, Chrisman SPD, Harmon KG, Herring SA, Broglio SP, Master CL, McGill CA, Putukian M, **Register-Mihalik JK**, Rivara FP; National Delphi panel on sports concussion knowledge. (2021). What do parents need to know about concussion? Developing consensus using the Delphi Method. *Clinical Journal of Sports Medicine*. 1;31(2):139-144.
23. Scarneo-Miller SE, Casa DJ, Yin S, Moore TE, Murata Y, **Register-Mihalik JK**, DiStefano LJ. The Precaution Adoption Process Model in Describing Emergency Action Plan Adoption. *Int J Allied Health Sci Pract*. 2021;19(2).
24. Scarneo-Miller SE, Kay M, **Register-Mihalik JK**, DiStefano LJ. Athletic Trainers Perceptions of Health and Safety Best-Practice Policy & Procedure Implementation in United States Secondary Schools. *Qualitative Research in Sport, Exercise and Health*. 2021;13(2):250-266. <https://doi.org/10.1080/2159676X.2019.1685586>.
25. Weber Rawlins ML, Johnson BR, Jones ER, **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. *Mil Med*. doi: 10.1093/milmed/usab102. Epub ahead of print.
26. Kerr ZY, Nimphius S, Stoner L, Ahmed OH, **Register-Mihalik JK**, Fortington LV. Strategies for engaging "multiple disciplinary" teams in sport- and exercise-related research. *J Sci Med Sport*. 2021 Mar 10:S1440-2440(21)00054-2. doi: 10.1016/j.jsams.2021.03.002. Epub ahead of print.
27. **Register-Mihalik JK**, Marshall SW, Kay MC, Kerr ZY, Peck KY, Houston MN, Linnan LA, Hennink-Kaminski H, Gildner P, Svoboda SJ, Cameron KL. (2021). Perceived social norms and concussion disclosure behaviors among first-year NCAA student-athletes: Implications for concussion prevention and education. *Research in Sports Medicine*. 25:1-11.
28. Callahan CE, Moore RD, Crew AA, Vesia M, **Register-Mihalik JK**, Kay JJM, Broglio SP. (2021). Assessing the Relationship Between Post-Concussive Depressive Symptoms and Clinical Concussion Outcomes. *Translational Journal of the American College of Sports Medicine*. 6(2): e000159. doi: 10.1249/TJX.0000000000000159.<sup>a</sup>

29. Kroshus E, Cameron KL, Coatsworth JD, D'Lauro C, Kim E, Lee K, **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. *Br J Sports Med.* 54(22):1314-1320. doi: 10.1136/bjsports-2020-102185.
30. Kroshus E, Cameron KL, Coatsworth JD, D'Lauro C, Kim E, Lee K, **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. *J Spec Operations.* 20(3):88-95.
31. Salmon DM, Sullivan SJ, Murphy I, **Register-Mihalik JK**, Dougherty B, McCrory G. (2020). Square peg round hole - Time to customise a concussion assessment tools for primary care: The New Zealand experience? A call for a GP-SCAT. *Brain Inj.* 2020:1-2.
32. Salmon DM, Romanchuk J, Sullivan SJ, Walters S, Clacy A, **Register-Mihalik JK**, et al. Concussion knowledge, attitude and reporting intention in rugby coaches and high school rugby players. *International Journal of Sports Science & Coaching.* 2020;16(1):54-69.
33. Kerr ZY, Nedimyer AK, Kay MC, Chandran A, Gildner P, Byrd KH, Haarbauer-Krupa JK, **Register-Mihalik JK**. (2020). Factors associated with concussion-symptom knowledge and attitudes toward concussion care seeking in a national survey of parents of middle-school children in the US. *J Sport Health Sci.* S2095-2546(20)30117-4. doi: 10.1016/j.jshs.2020.09.001. Epub ahead of print.<sup>b</sup>
34. Callahan CE, Kay MC, Kerr ZY, Hinson MT, Linnan LA, Hennink-Kaminski H, Gildner P, Marshall SW, Houston MN, Cameron KL, **Register-Mihalik JK**. Association Between Previous Concussion Education and Concussion Care-Seeking Outcomes among NCAA Division I Student-Athletes. *J Athl Train.* 2020 Nov 5. doi: 10.4085/211-20. Epub ahead of print. PMID: 33150430.<sup>a,b</sup>
35. Kerr ZY, Chandran AC, Neidimyer AN, Gildner PG, Byrd H, **Register-Mihalik JK**. (2020). Approaching community priorities in youth sports injury prevention research. *Injury Epidemiology.* 6;7(1):35. doi: 10.1186/s40621-020-00261-2. PMID: 32624001.<sup>b</sup>
36. **Register-Mihalik JK**, DeFreese JD, Callahan CE, Carneiro KA. (2020). Utilizing the biopsychosocial model in concussion treatment: Post-concussion headache and beyond. *Current Pain and Headache Reports.* 24(8):44. doi: 10.1007/s11916-020-00870-y.
37. Lane A, Hackney AC, Smith-Ryan A, Kucera KK, **Register-Mihalik JK**, Ondrak K. (2020). Prevalence of low energy availability in competitively trained male endurance athletes. *Medicina.* In Press.<sup>a</sup>



38. Nedimyer AK, Chandran A, Hirschhorn RM, Adams WM, Pryor RR, Casa DJ, **Register-Mihalik JK**, Kerr ZY. (2020). Exertional Heat-Stroke Management Practices and Intentions Among Secondary School Football Athletic Trainers. *J Athl Train.* 1;55(10):1081-1088. doi: 10.4085/1062-6050-474-19.<sup>a</sup>
39. **Register-Mihalik JK**, Callahan CE. (2020). Post-concussion exertion evolution: Clinical and behavioral considerations. *Current Sports Medicine Reports.* 19(4):151-156.
40. Dubas RL, Teel EF, Kay MC, Ryan ED, Petschauer MA, **Register-Mihalik JK**. (2020). Comparison of concussion sideline screening measures across varying exertion levels within simulated games. *Journal of Sport Rehabilitation.* 31:1-7.<sup>a,b</sup>
41. Kerr ZY, Chandran A, Nedimyer AK, Rothschild AE, Kay MC, Gildner P, Byrd KH, Haarbauer-Krupa JK, **Register-Mihalik JK**. (2020) Use of sport-related concussion information sources among parents of United States middle school children. *Journal of Sport and Health Science.* doi: 10.1016/j.jshs.2020.04.008
42. **Register-Mihalik JK**, Kay MC, Kerr ZY, Peck KY, Houston MN, Gildner P, Svoboda SJ, Marshall SW, Cameron KL. (2020). Influence of concussion education exposure on concussion-related educational targets and self-reported disclosure behaviors. *Military Medicine.* 25:1-11.
43. Scarneo SE, Kay MC, **Register-Mihalik JK**, DiStefano LJ. (2019) Policy Awareness, Development, and Implementation in Secondary Schools: Part 1 – Policy Awareness and Development. *Qualitative Research in Sport, Exercise, and Health.* Epub. <sup>a</sup>
44. Scarneo SE, DiStefano LJ, **Register-Mihalik JK**, Stearns RL, Denegar CR, Casa DJ. (2019). Athletic administrators report of emergency action plan policy adoption in secondary school athletics: The influence of athletic training services. *Journal of Applied Sport Management.* Accepted, 2019:11(3):1-10. <sup>a</sup>
45. Bowman T, Pike A, Siege S, **Register-Mihalik JK**. (2019). Challenges faced by collegiate athletic trainers part 2: Treating concussed student-athletes. *Journal of Athletic Training.* doi: 10.4085/1062-6050-85-19.<sup>a</sup>
46. Chandran A, Nedimyer AK, **Register-Mihalik JK**, DiPietro L, Kerr ZY. (2019). Comment on: "Incidence, Severity, Aetiology and Prevention of Sports Injuries: A Review of Concepts". *Sports Medicine.* 49(10):1621-1623.
47. **Register-Mihalik JK**, Guskiewicz KM, Marshall SW, McCulloch KL, Mihalik JP<sup>1</sup>, Martin Mrazik, Murphy I, Naidu D, Ranapurwala SI, Schneider K, Gildner P, McCrea M, and Active Rehab Study Consortium Investigators. (2019). Methodology and implementation of a randomized controlled trial (RCT) for early post-concussion rehabilitation: The Active Rehab Study. *Frontiers in Neurology.* 10:1176. doi: 10.3389/fneur.2019.01176. eCollection 2019.

48. Kerr ZY, Chandran AC, **Register-Mihalik JK**. (2019). Recognizing the research participants behind the numbers: Every line of data is a story. *Journal of Athletic Training*. doi: 10.4085/1062-6050-54.091.<sup>b</sup>
49. Rawlins Weber 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*. Epub ahead of print: <http://dx.doi.org/10.1093/milmed/usz162>.
50. Kerr ZY, **Register-Mihalik JK**, Pryor RR, Hosokawa Y, Scarneo SE, Casa DJ. (2019). Compliance with the National Athletic Trainers' Association Task Force preseason heat-acclimatization guidelines in high school football. *Journal of Athletic Train*. 54, No. 7, pp. 749-757.<sup>b</sup>
51. Scarneo SE, DiStefano LJ, Mazerolle SM, **Register-Mihalik JK**, Stearns RL, Casa DJ. (2019). Emergency Action Plans in Secondary Schools: Barriers, Facilitators and Social Determinants to Implementation. (2020) *J. Athl Train*. 55(1):80-87.<sup>a</sup>
52. Kerr ZY, Scarneo-Miller SE, Yeargin SW, Grundstein AJ, Casa DJ, Pryor RR, **Register-Mihalik JK**. (2019). Exertional heat-stroke preparedness in high school football by region and state mandate presence. *Journal of Athletic Training*. 54(9):921-928.
53. Waldron, S, DeFreese, JD, Pietrosimone, BG, **Register-Mihalik, JK**, & Barczak, N (2019). Exploring early sport specialization: Associations with psychosocial outcomes. *Journal of Clinical Sport Psychology*. E-pub: <https://doi.org/10.1123/jcsp.2018-0061>.<sup>a</sup>
54. Waldron, S, DeFreese, JD., **Register-Mihalik, JK**, Pietrosimone, B, Barczak, N. (2019). The costs and benefits of early sport specialization: A review of the literature. *Quest*. Epub: <https://doi.org/10.1080/00336297.2019.1580205>.<sup>a</sup>
55. **Register-Mihalik JK**, Sarmiento K, Vander Vegt CB, Guskiewicz KM. (2019). Considerations for Athletic Trainers: A Review of CDC and NATA Guidance on Mild Traumatic Brain Injury Among Children. *Journal of Athletic Training*. 4(1):12-20.
56. **Register-Mihalik JK**, Cameron KL, Kay MC, Kerr ZY, Peck KY, Houston MN, Linnan LA, Hennink-Kaminski H, Gildner P, Svoboda S, Marshall SW. (2019). Determinants of Intention to Disclose Concussion Symptoms in a Population of US Military Cadets. *Journal of Science and Medicine in Sport*. 22(5):509-515.
57. Vander-Vegt CB, **Register-Mihalik JK**, Ford CB, Rodrigo C, Guskiewicz KM, Mihalik JP. (2019). Baseline concussion clinical measures influence sensory organization and balance. *Medicine and Science in Sports and Exercise*. 51(2):264-270.<sup>a,b</sup>

58. Ochs CP, Kay MC, **Register-Mihalik JK**. (2019). The Effect of Concussive Injury on Individual Game Performance in Professional Collision-Sport Athletes. *Journal of Sport Rehabilitation*. 20:1-5.<sup>a,b</sup>
59. Ingram B, Kay MC, Vander Vegt CB, **Register-Mihalik JK**. The effect of body checking policy changes on concussion incidence in male youth ice hockey players (A critically appraised topic). (2018). *Journal of Sport Rehabilitation*. 22:1-4.<sup>a,b</sup>
60. Wasserman, EB, Sauers E, **Register-Mihalik JK**, Pierpoint L, Currie D, Knowles S, Compier T, Comstock D, Marshall SW. (2019). First decade of web-based sports injury surveillance: Epidemiology of high school boys'/NCAA men's baseball injuries. *Journal of Athletic Training*. 54(2):198-211.
61. Wasserman, EB, **Register-Mihalik JK**, Sauers E, Pierpoint L, Currie D, Knowles S, Compier T, Comstock D, Marshall SW. (2019). First decade of web-based sports injury surveillance: Epidemiology of high school girls'/NCAA women's softball injuries. *Journal of Athletic Training* 54(2):212-225.
62. Kerr ZY, **Register-Mihalik JK**, Pryor RR, Pierpoint LA, Scarneo SE, Adams WM, Kucera KL, Casa DJ, Marshall SW. (2019). The Effect of the National Athletic Trainers Association Inter-Association Task Force (NATA-IATF) preseason heat acclimatization guidelines on high school football season exertional heat illness rates. *Environmental Health Perspectives*. 127(4): 47003. doi: 10.1289/EHP4163.<sup>b</sup>
63. Scarneo SE, DiStefano LJ, Stearns RL, **Register-Mihalik JK**, Denegar, CR, Casa DJ. Emergency Action Planning in Secondary-School Athletics: A Comprehensive Evaluation of Current Adoption of Best Practice Standards. (2019). *Journal of Athletic Training*. 4(1):99-105.<sup>a</sup>
64. Scarneo SE, Kerr ZY, Kroshus E, **Register-Mihalik JK**, Hosokawa Y, Stearns RL, DiStefano LJ, Casa DJ. (2019). The Socio-Ecological Framework: A multi-faceted approach to prevent sport-related death in high school sports. *Journal of Athletic Training*. doi: 10.4085/1062-6050-173-1.<sup>a</sup>
65. Dompier T, Kucera KK, Drezner J, Casa D, **Register-Mihalik JK**, Guskiewicz KG. (2019). Sudden death and catastrophic injury reporting: A 'call to action' for athletic trainers. *Journal of Athletic Training*. 54(2):122-123.
66. Harriss J, Khan A, Song K, **Register-Mihalik JK**, Wikstrom EA. (2019). Clinical movement assessments do not differ between collegiate athletes with and without chronic ankle instability. *Physical Therapy in Sport*. 36:22-27.<sup>a</sup>
67. Teel EF, Marshall SW, Applebaum G, Battaglini C, Carneiro K, Guskiewicz KM, **Register-Mihalik JK**, Mihalik JP. (2019). A randomized controlled trial investigating the feasibility and adherence to an aerobic training program in healthy individuals. *Journal of Sport Rehabilitation*. 30:1-7.<sup>a</sup>

68. Swartz EE, Bartlet A, **Register-Mihalik JK**, Guskiewicz KM. The effect of football helmet facemask styles on perceived player behavior: an exploratory study. *Athletic Training and Sports Healthcare*. doi.org/10.3928/19425864-20190131-01.
69. Johnson RS, Kasamatsu TM, Valovich McLeod TC, **Register-Mihalik JK**, Welch Bacon CE. (2018). School counselors' perceptions of academic support for concussed students. *Health Behavior and Policy Review*. 5(6):23-37.<sup>a</sup>
70. **Register-Mihalik JK**, Vander Vegt CB, Cools M, Carneiro K. (2018). Factors associated with sport-related post-concussion headache and opportunities for treatment. *Current Pain and Headache Reports*. 10;22(11):75.
71. Teel EF, **Register-Mihalik JK**, Appelbaum LG, Battaglini C, Carneiro K, Guskiewicz KM, Marshall SW, Mihalik JP. (2018). Randomized controlled trial evaluating effectiveness of aerobic training on common sport-related concussion outcomes in healthy participants. *Journal of Athletic Training*. 53(12):1156-116.<sup>a</sup>
72. **Register-Mihalik JK**, Williams RM, Marshall SW, Linnan LA, Mihalik JP, Guskiewicz KM, Valovich McLeod TC. (2018). Demographic, parental, and personal factors influence youth athletes' concussion-related knowledge and beliefs. *Journal of Athletic Training*. Aug;53(8):768-775
73. Harmon KJ, Proescholdbell SK, **Register-Mihalik JK**, Richardson DB, Waller AE, Marshall SW. (2018). Characteristics of sports and recreation-related emergency department visits among school-age children and youth in North Carolina, 2010-2014. *Injury Epidemiology*. 15;5(1):23.<sup>a</sup>
74. Kerr ZY, **Register-Mihalik JK**, Haarbauer-Krupa J, Kroshus E, Go V, Gildner P, Byrd KH, Marshall SW. Using opinion leaders to address intervention gaps in concussion prevention in youth sports: Key concepts and foundational theory. (2018). *Injury Epidemiology*. 9;5(1):28.<sup>b</sup>
75. Hegarty EM, Weight E, **Register-Mihalik JK**. (2018). Who is coaching the coach? Knowledge of depression and attitudes toward continuing education in coaches. *British Medical Journal Open Sport and Exercise Medicine*. 5;4(1):e000339. doi: 10.1136/bmjsem-2018-000339. eCollection 2018.<sup>a</sup>
76. Kay MC, **Register-Mihalik JK**, Ford CB, Williams RM, McLeod TC. (2017). Concussion history as a predictor of parental attitudes and knowledge of concussion recognition and response. *Orthopedic Journal of Sports Medicine*. I 8;5(12):2325967117742370. doi: 10.1177/2325967117742370.<sup>a,b</sup>
77. Kerr ZY, Kay MC, **Register-Mihalik JK**, Marshall SW, Defreese JD, Guskiewicz KM. (2017). Concussion non-disclosure during professional career among a cohort of former NFL athletes. *American Journal of Sports Medicine*. 6(1):22-29.

78. **Register-Mihalik JK**, Kay MC. (2017). Current State of Sports Concussion. *Neurology Clinics*. 35(3): 387-402.
79. Kerr ZY, Zuckerman SL, **Register-Mihalik JK**, Wasserman EB, McLeod TCV, Dompier TP, Comstock RD, Marshall SW. (2017). Estimating concussion incidence using sports injury surveillance systems: Complexities and potential pitfalls. *Neurologic Clinics*. 35(3): 387-402.
80. White P, **Register-Mihalik JK**, Donaldson A, Sullivan J, Finch CA. (2017). Concussion guideline implementation perceptions and experiences among parents of community-level Australian Football junior players. *BMJ Open Sport and Exercise Medicine*. 3:e000215. doi:10.1136/bmjsem-2016-000215.
81. Hackney A, Lane A, **Register-Mihalik JK**, O’Leary C. (2017). Endurance exercise training and male sexual libido. *Medicine & Science in Sports & Exercise*. 49(7):1383-1388.
82. Kucera KK, Yau R, **Register-Mihalik JK**, Marshall SW, Thomas LC, Wolf S, Cantu RC, Guskiewicz KM. (2017). Traumatic brain and spinal cord fatalities among high school and college football players, United States, 2005-2014. *MMWR Morbidity and Mortality Weekly Report*. 65(52): 1465-1469.
83. **Register-Mihalik JK**, Baugh C, Kroshus E, Kerr ZY, Valovich McLeod TC. (2017). A multifactorial approach to sport-related concussion prevention and education: Application of the Socio-Ecological Framework. *Journal of Athletic Training*. 52(3): 195-205.
84. Romaine A, DeFreese JD, Guskiewicz KM, **Register-Mihalik JK**. (2017). Parent perceptions of youth football costs, benefits, and safety. *Journal of Clinical Sport Psychology*. 10(4):253-271. <sup>a</sup>
85. Herzog M, Fraser M, **Register-Mihalik JK**, Kerr ZY. (2017). Epidemiology of Infections in Men's Wrestling: Analysis of 2009/10-2013/14 NCAA Surveillance Data. *Journal of Athletic Training*. 52(5): 457-463. <sup>a</sup>
86. Kasamatsu TK, Valovich McLeod TC, **Register-Mihalik JK**, Erickson, Johnson RS, Welch Bacon CE. (2017). Teachers’ and administrators’ perceptions of academic accommodations following concussion. *Teaching and Teacher Education*. 68:181-189.
87. **Register-Mihalik JK**, Valovich McLeod TC, Linnan LA, Marshall SW, Guskiewicz KG. (2017). Relationship between concussion history and concussion knowledge, attitudes, and behavior. *Clinical Journal of Sports Medicine*. 27(3): 321-324.
88. Kay MC, **Register-Mihalik JK**, Gray A, Dompier T, Kerr ZY. (2017). The epidemiology of severe injuries sustained by NCAA collegiate student-athletes during the 2009/10-2014/15 academic years. *Journal of Athletic Training*. 52(2): 117-128. <sup>a,b</sup>

89. Urban JE, Konczal E, Kopacki M, **Register-Mihalik JK**, Mihalik JP, Stitzel JD, & Rosenbaum DA. (2016). Presence of athletic trainers in a youth football organization: A single institution's experience. *Athletic Training & Sports Health Care*. In Press.
90. **Register-Mihalik JK**, Guskiewicz KM. (2016). Evidence-based management of sport-related concussion: Completing the puzzle. *Current Physical Medicine and Rehabilitation Reports*. doi:10.1007/s40141-016-0121-x.
91. Kerr ZY, **Register-Mihalik JK**, Kroshus E, Baugh C, Marshall SW. (2016). Motivations associated with non-disclosure of self-reported concussions in former collegiate athletes. *American Journal of Sports Medicine*. 44(1): 220-225.
92. Schmidt JD, Pierce AF, Guskiewicz KM, **Register-Mihalik JK**, Pamukoff DN, Mihalik JP. (2016). The effect of safe play knowledge and aggression levels on head impact biomechanics in youth male and female ice hockey players. *Journal of Athletic Training*. 51(5): 366-372.
93. Littleton AC, Schmidt D, **Register-Mihalik JK**, Guskiewicz KM, Waicus K, Gioia G, Mihalik JP. (2015). Effects of attention deficit hyperactivity disorder and stimulant medication on concussion symptom reporting and computerized neurocognitive test performance. *Archives of Clinical Neuropsychology*. 30(7): 683-693. <sup>a</sup>
94. Littleton AC, **Register-Mihalik JK**, Guskiewicz KM. (2015) Test-retest reliability of a computerized concussion test: CNS Vital Signs. *Sports Health: A Multidisciplinary Approach*. 7(5): 443-447. <sup>a,b</sup>
95. Williams JG, Bachman MW, Jones AW, Myers JB, Kronhaus AK, Miller DL, Currie B, Lyons M, Zalkin J, **Register-Mihalik JK**, Tibbo-Valeriotte H, De Maio VJ. (2015). Retrospective validation of a protocol to limit unnecessary transport of assisted-living residents who fall. *Prehospital Emergency Care*. 19(1). 68-78.
96. **Register-Mihalik JK**, De Maio VJ, Tibbo-Valeriotte HL, Wooten JD. (2014). Characteristics of pediatric and adolescent concussion clinic patients with post-concussion amnesia. *Clinical Journal of Sports Medicine*. 25 (6): 502-508.
97. Mayfield RM, Valovich McLeod TC, **Register-Mihalik JK**, Mihalik JP, Marshall SW, Linnan LA, Guskiewicz KM. (2014). A description of helmet fit characteristics among a sample of youth athletes: A preliminary study. *Athletic Training and Sports Health Care*. 6(5), 206-212. <sup>a</sup>
98. Frank B, **Register-Mihalik JK**, Padua DA. (2014). High levels of coach intent to integrate an ACL injury prevention program into training does not translate to effective implementation. *Journal of Science and Medicine in Sport*. Epub ahead of print, doi: 10.1016/j.jsams.2014.06.008. <sup>a</sup>

99. Conder BC, Conder AA, **Register-Mihalik JK**, Conder LH, Newton, S. (2014). Preliminary normative data on the Penn State University Symbol Cancellation Task with non-concussed adolescents. *Applied Neuropsychology: Child. Epub ahead of print, doi: 10.1080/21622965.2013.816849.*
100. Oyama, S. **Register-Mihalik JK**, Mueller FO, Marshall SW. (2014). Lifetime prevalence of pitching-related shoulder and elbow injuries among collegiate baseball pitchers. *Athletic Training and Sports Healthcare. 6(3).* 105-110.
101. Mihalik JP, Moise KF, Ocwieja KE, Guskiewicz KM, & **Register-Mihalik JK**. (2014). The effects of player anticipation and involvement on head impact biomechanics in college football body collisions. In A. Ashare & M. Ziejewski (Eds.), *ASTM Selected Technical Papers 1552 on Symposium on the Mechanism of Concussion in Sports* (pp. 41-55). West Conshohocken, PA: ASTM International.
102. Kerr ZY, **Register-Mihalik JK**, Marshall SW, Evenson K, Mihalik JP, Guskiewicz KG. (2014). Disclosure and non-disclosure of concussion and concussion symptoms in athletes: Review and application of the socio-ecological framework. *Brain Injury. 28(8).* 1009-1021.
103. De Maio VJ, Joseph, DO, Tibbo-Valeriotte H, Lanier B, **Register-Mihalik JK**. (2014). Variability in discharge instructions and activity restrictions for patients evaluated in a children's emergency department following concussion. *Pediatric Emergency Care. 30(1).* 20-25.
104. Ingriselli JM, **Register-Mihalik JK**, Schmidt JD, Mihalik JP, Goerger BM, Guskiewicz KM. (2014). Outcomes, utility, and feasibility of single task and dual task intervention programs: preliminary implications for post-concussion rehabilitation. *Journal of Science and Medicine in Sport. 17(6).* 580-585. <sup>a,b</sup>
105. **Register-Mihalik JK**, Guskiewicz KG, Littleton AC. (2013). Are divided attention paradigms useful in the assessment and management of sports-related concussion? *Neuropsychology Review. 23(4).* 300-314.
106. Trinidad KJ, Schmidt JD, **Register-Mihalik JK**, Groff D, Goto S, Guskiewicz KM. (2013). Predicting clinical concussion measures at baseline based on academic profile and motivation. *Clinical Journal of Sports Medicine, 23(6),* 462-469. <sup>a</sup>
107. **Register-Mihalik JK**, Linnan LA, Marshall SW, Valovich McLeod TC, Mueller FO, Guskiewicz KM. (2013). Using theory to understand high school aged athletes' intentions to report sport-related concussion: Implications for concussion education initiatives. *Brain Injury. 27(7-8),* 878-886.
108. **Register-Mihalik JK**, Guskiewicz KM, Valovich McLeod TC, Linnan, LA, Mueller FO, Marshall SW. (2013). Influence of knowledge and attitude on concussion reporting behaviors among high school athletes. *Journal of Athletic Training. 48(5),* 645-653.

109. Mihalik JP, Lengas E, **Register-Mihalik JK**, Oyama S, Begalle R, Guskiewicz K. (2013). The effects of sleep quality and sleep quantity on concussion assessment. *Clinical Journal of Sports Medicine*. 23(5), 343-348.
110. Mihalik JP, **Register-Mihalik JK**, Kerr ZY, Marshall SW, McCrea MC, & Guskiewicz KM. (2013). The effect of posttraumatic migraine characteristics on concussion recovery in patients following sport-related concussion. *American Journal of Sports Medicine*. 41(7), 1490-1496.
111. **Register-Mihalik JK**. (2013). Updates and evidence concerning concussion in the physically active population. *Journal of Clinical Exercise Physiology*. 2(1), 20-27.
112. Friedline Weber A, Mihalik JP, **Register-Mihalik JK**, Mays S, Prentice WE, & Guskiewicz KM. (2013). Dehydration affects performance on clinical concussion measures in collegiate wrestlers. *Journal of Athletic Training*. 48(2), 153-160. <sup>a</sup>
113. Guskiewicz KM, **Register-Mihalik JK**, McCrory P, McCrea M, Johnston K, Makdissi M, Dvorak J, Davis G, Meeuwisse W (2013). Evidence-based approach to revising the SCAT2: Recommendations for the SCAT3. *British Journal of Sports Medicine*. 47(5), 289-293.
114. Stiffler M, Mihalik JP, **Register-Mihalik JK**, & Ingriselli JM. (2013). Cognition and balance performance following a single-task training intervention in healthy collegiate recreational students: A preliminary study. *Athletic Training & Sports Health Care*, 5(2), 63-68. <sup>a</sup>
115. Teel ER, **Register-Mihalik JK**, Blackburn TJ, Guskiewicz KM. (2012). Balance and cognitive performance during a dual-task: Implications for use in concussion assessment. *Journal of Science and Medicine in Sport*. 16(3), 190-194. <sup>a,b</sup>
116. **Register-Mihalik JK**, Guskiewicz KM, Mihalik JP, Schmidt JD, Kerr ZY, McCrea M. (2012). Reliable change indices, sensitivity, and specificity of a multi-dimensional concussion assessment battery: Implications for caution in clinical practice. *Journal of Head Trauma and Rehabilitation*. 28(4), 274-283.
117. Schmidt JD, **Register-Mihalik JK**, Mihalik JP, Kerr ZY, Guskiewicz KM. (2012). Identifying impairments after concussion: Normative data vs. individualized baselines. *Medicine & Science in Sports & Exercise*. 44(9), 1621-1628. <sup>a</sup>
118. **Register-Mihalik JK**, Kontos DL, Guskiewicz KM, Mihalik JP, Conder B, Shields EW. (2012). Age-related differences and reliability on a computerized and a paper-pencil neurocognitive assessment battery. *Journal of Athletic Training*. 47(3), 297-305.
119. Gysland SM, Guskiewicz KM, Mihalik JP, **Register-Mihalik JK**, Trulock SC, & Shields EW. (2011). The relationship between subconcussive impacts and concussion history on



- clinical measures of neurological impairment in collegiate football players. *Annals of Biomedical Engineering*. 40(1), 14-22. <sup>a</sup>
120. Cantu RC, **Register-Mihalik JK**. (2011). Considerations for return-to-play and retirement decisions following concussion. *PM&R*. 3(10), S440-444.
  121. Guskiewicz KM, **Register-Mihalik JK**. (2011). Postconcussive impairment differences across a multifaceted concussion assessment protocol. *PM&R*. 3(10), S445-451.
  122. Ross LM, **Register-Mihalik JK**, Mihalik JP, McCulloch K, Prentice WE, Shields EW, Guskiewicz KM (2011). Procedural reaction time and balance performance during dual and single tasks in healthy collegiate students. *Journal of Sport Rehabilitation*. 20(3), 296-310. <sup>a,b</sup>
  123. **Register-Mihalik JK**, Oyama S, Marshall SW, Mueller FO. A descriptive study of pitching practices and self-reported injuries among youth baseball pitchers. (2010). *Athletic Training and Sports Health Care*. 4(1), 11-20.
  124. Valovich McLeod T, **Register-Mihalik JK**. Clinical assessment of health-related quality of life following sport-related concussion. (2010). *Journal of Sport Rehabilitation*. 20(1), 46-60.
  125. Cantu RC, Guskiewicz KM, **Register-Mihalik JK**. (2010). Retrospective clinical analysis of moderate to severe athletic concussions. *PM&R*. 2(12), 1088-93.
  126. **Register-Mihalik JK**, Guskiewicz KM, Valovich McLeod T, Mann JD. (2009). Association between migraine-related disability and concussion history in collegiate athletes. *Athletic Training and Sports Health Care*, 1(5), 227-233.
  127. **Register-Mihalik JK**, Mihalik JP, Guskiewicz KM. (2009). Association between previous concussion history and baseline symptom presence in high school and collegiate athletes. *Sports Health: A Multidisciplinary Approach*, 1(1), 61-65.
  128. **Register-Mihalik JK**, Mihalik JP, Guskiewicz KM. (2008). Balance deficits following sports-related concussion in individuals reporting posttraumatic headache. *Neurosurgery*, 63(1), 76-82.
  129. **Register-Mihalik JK**, Guskiewicz KM, Mann JD, Shields EW. (2007). Effects of headache on clinical measures of neurocognitive function. *Clinical Journal of Sports Medicine*, 17(4), 282-288.
  130. Guskiewicz KM, Marshal SW, Bailes J, McCrea M, Harding HP, Matthews A, **Register-Mihalik JK**, Cantu RC. (2007). Recurrent concussion and risk of clinical depression in retired professional football players. *Medicine & Science in Sports & Exercise*, 39(6), 206-309.

131. **Register JK**, Mihalik, JP, Brickner TM, Hirth CJ. Exertional rhabdomyolysis in Division I female lacrosse athletes. (2006) *Athletic Therapy Today*, 11(4), 26-28.

***Refereed Other Products of Scholarship - Published Abstracts/Presentations (142)***

1. **Register-Mihalik JK**, Guskiewicz KM, Marshall SW, McCulloch KL, Mihalik JP, Martin Mrazik, Murphy I, Naidu D, Ranapurwala SI, Schneider K, Gildner P, McCrea M, and Active Rehab Study Consortium Investigators. (2021). Symptom provocation during early-stage concussion rehabilitation: a randomized trial of two protocols in professional, collegiate/university, and interscholastic athletes. *Journal of Athletic Training*. 56(6S):S-53 (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).
2. Cosby Jr. AS, Nedimyer AK, Kerr ZY, Callahan CE, **Register-Mihalik JK**. (2021). Relationship Between Racial Identity and Concussion Care Seeking Behaviors in Collegiate Student-Athletes. *Journal of Athletic Training*. 56(6S):S-6. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>a,b</sup>
3. Wallace JS, Beidler E, Kerr ZY, Bretzin A, Hibbler T, **Register-Mihalik JK**. (2021). Understanding Foundational Patterns of Concussion History and Nondisclosure Between Black/African American and White College Athletes. *Journal of Athletic Training*. 56(6S):S-8. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>a,b</sup>
4. Callahan CE, Kay MC, Mihalik JP, Marshall SW, Gildner P, Kerr ZY, Cameron KL, Houston MN, Mrazik M, **Register-Mihalik JK**. The Association Between Sensation Seeking Behaviors and Concussion Related Knowledge, Attitudes, and Perceived Norms Among Collegiate Student-Athletes. *Journal of Athletic Training*. 56(6S):S-54. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>a,b</sup>
5. Ingram BM, Kay MC, Gildner P, Cameron KL, Callahan CE, Marshall SW, Kerr ZY, Houston MN, **Register-Mihalik JK**. A Qualitative Study of the Perceptions and Expectations Impacting Concussion Care Among Reserve Officer Training Corps (ROTC) Cadets. *Journal of Athletic Training*. 56(6S):S-68. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>a,b</sup>
6. Kucera KL, **Register-Mihalik JK**, DeLong RN, Stearns RL, Haley CB, Filep EM, Schattenkerk J, Comstock RD, Collins C, Klossner D, Dompier TP, Kerr ZY, Mercer J, Casa DJ, Drezner J, Guskiewicz KM, Marshall SW, Cantu R. Surveillance of Catastrophic Sport and Exercise-Related Injury and Illness Among Middle School, High School, and College Athletes, 2013/14 Through 2018/19. *Journal of Athletic Training*. 56(6S):S-69. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).
7. Scarneo-Miller SE, Coleman KA, Casa DJ, **Register-Mihalik JK**, DiStefano LJ. Athletic Directors Report of Exertional Heat Illness Policies and Procedures in United States High Schools. *Journal of Athletic Training*. 56(6S):S-70. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).

8. Nedimyer AK, Kay MC, Chandran A, Pryor RR, Casa DJ, **Register-Mihalik JK**, Kerr ZY. Stakeholder and Policy Related Factors Associated with Implementation of the NATA-IATF Heat Acclimatization Guidelines. *Journal of Athletic Training*. 56(6S):S-73. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>a</sup>
9. Bowman TG, Hargrave C, Singe SM, **Register-Mihalik JK**, Pike Lacy AM. Returning to the Higher Education Classroom Following Concussion. *Journal of Athletic Training*. 56(6S):S-160. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).
10. Chandran A, Boltz A, Nedimyer AK, Robison HJ, Morris SN, Collins CL, **Register-Mihalik JK**. Concussion Incidence in NCAA Sports: 2014/15-2018/19. *Journal of Athletic Training*. 56(6S):S-164. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>b</sup>
11. Kay MC, Kerr ZY, DeFreese JD, Petschauer MA, Kucera KL, **Register-Mihalik JK**. Sociocultural and Demographic Factors Associated With the Future Educational Goals of Athletic Training Students. *Journal of Athletic Training*. 56(6S):S-273. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).<sup>a,b</sup>
12. Sheldon LN, Scarneo-Miller SE, **Register-Mihalik JK**, Burland JP, DiStefano LJ. Current Barriers and Facilitators of Warm-Up Practices in Secondary Schools. *Journal of Athletic Training*. 56(6S):S-279. (National Athletic Trainers' Association Annual Meeting – Virtual, June 23, 2021).
13. Giuliani H, Kerr Z, **Register-Mihalik JK**, Ryan E. (2021). Factors Influencing Probation Officers' Willingness to Perform A Physical Ability Test. *Medicine & Science in Sports & Exercise*. 53(8S):60. (American College of Sports Medicine Annual Meeting – Virtual, August 2021).<sup>a</sup>
14. Callahan CE, Kay M C, Mihalik, JP, Marshall SW, Gildner P, Kerr,Z, Cameron KL, Houston MN, Mrazik M, **Register-Mihalik JK**. (2021). The Association Between Sensation-seeking Behaviors and Concussion Care-seeking Intentions and Disclosure Behaviors Among Collegiate Student-athletes: 1011. *Medicine & Science in Sports & Exercise*. 53(8S):330. (American College of Sports Medicine Annual Meeting – Virtual, August 2021).<sup>a,b</sup>
15. Ingram, BM, Kay MC, Callahan CE, Gildner P, Kerr ZY, **Register-Mihalik JK**. (2021). Effects of An Interactive Concussion Education Platform on Concussion-related Knowledge, Attitudes, Perceived Norms, and Intention to Disclose in Collegiate Club Sport Athletes. *Medicine & Science in Sports & Exercise*. 53(8S):391. (American College of Sports Medicine Annual Meeting – Virtual, August 2021).<sup>a,b</sup>
16. Scarneo-Miller SE, Boltz, A, Chandran A, Lincoln AE, Robison, H, **Register-Mihalik JK**, DiStefano LJ. (2021). Modifications of Exertional Heat Illness Policies in Us High

School Athletics Over an Academic Year. *Medicine & Science in Sports & Exercise*. 53(8S):220. (American College of Sports Medicine Annual Meeting – Virtual, August 2021).

17. **Register-Mihalik JK**, Chandran A, Nedimyer A, Kay MC, Callahan CE, Gildner P, Kostogiannes V, Krieg S, Haarbauer-Krupa, J, Kerr, ZY. (2021). Middle School Sport Parents' Reported Norms Concerning Youth Athlete Concussion Care-seeking And Playing Behaviors: Implications For Concussion Prevention. *Medicine & Science in Sports & Exercise*. 53(8S):330. (American College of Sports Medicine Annual Meeting – Virtual, August 2021).
18. Reifsnnyder KA, Swartz EE, Coleman KA, DiStefano LJ, **Register-Mihalik JK**, Emrich, CM., Scarneo-Miller SE. (2021). Spinal Cord Injury Policy: Perceived Factors Influencing Adoption From High School Athletic Directors. *Medicine & Science in Sports & Exercise*. 53(8S):378. (American College of Sports Medicine Annual Meeting – Virtual, August 2021).
19. Callahan CE, Cameron KL, Marshall SW, Gildner P, Peck KY, Houston MN, Svoboda SJ, Kay MC, Kerr ZY, **Register-Mihalik JK**. (2020). Perceived school level care and support and concussion disclosure behaviors among collegiate student-athletes. *Journal of Sport and Exercise Psychology*. 42(S1). DOI:10.1123/jsep.2020-0172.<sup>a,b</sup>
20. Nedimyer AK, Chandran A, Kay MC, Gildner P, Byrd KH, **Register-Mihalik JK**.; Kerr ZY. (2020). Factors Associated With Perceived Safety Norms Within Children's Sports Environments. *Medicine & Science in Sports & Exercise*. 52(7S):126-127, July 2020.<sup>a,b</sup> (American College of Sports Medicine Annual Meeting – Virtual Poster).
21. Callahan CE, Moore RD, Crew AA, Vesia M, Register-Mihalik JK, Broglio SP. (2020). Assessing The Relationship Between Depression-related Symptoms And Post-concussion Clinical Outcomes. *Medicine & Science in Sports & Exercise*. 52(7S):956. (May 29, 2020).<sup>a</sup>
22. Kay MC, Kerr ZY, Kucera KL, DeFreese JD, Petschauer MA, **Register-Mihalik JK**. (2020). Influence Of Demographic Factors On Concussion-related Decision-making By Certified Athletic Trainers. *Medicine & Science in Sports & Exercise*. 52(7S):308. (May 29, 2020).<sup>a,b</sup>
23. **Register-Mihalik JK**, Ranapurwala SI, Guskiewicz KM, Gildner, P Marshall SW, McCulloch, KL, Mihalik JP, McCrea, M, The Active Rehab Study Consortium. (2020). Concussion History And Contact Sport Participation Influence Post-concussion Psychological Distress: Active Rehab Study Findings. *Medicine & Science in Sports & Exercise*. 52(7S):310. (May 29, 2020).
24. Gerstner GR, Laffan MR, Trivisonno AJ, Giuliani HK, Mota JA, **Register-Mihalik JK**, Smith-Ryan, A, Pietrosimone BG, Weir JP, Ryan ED. Contributors To Percent Body Fat

- In Career Firefighters. *Medicine & Science in Sports & Exercise*. 52(7S):95. (May 29, 2020).<sup>a</sup>
25. Scarneo SE, DiStefano LJ, **Register-Mihalik JK**, Saltzman, BA, Kryzanski EE, Casa DJ, Swartz EE. (2020). The Adoption Of Spinal Cord Injury Policies In The Secondary School Setting. *Medicine & Science in Sports & Exercise*. 52(7S):676-677. (May 29, 2020).
  26. Vander Vegt CB.; Appelbaum LG; Mihalik JP, Guskiewicz KM, **Register-Mihalik JK**. (2020). *Medicine & Science in Sports & Exercise*. Pupillary Responses Indicate Working Memory Processing Differences: Implications For Healthy And Clinical Populations. 52(7S):837. (May 29, 2020).<sup>a,b</sup>
  27. Scarneo Miller SE, DiStefano LJ, **Register Mihalik JK**, Hosokawa Y, Yeargin SW, Belval LN, Adams WM, Kerr ZY, Saltzman BA, Kryzanski EE, Casa DJ. (2020). Athletic Trainers' Behaviors Considering the Adoption of Environmental Heat Policies in the Secondary School Setting. *Journal of Athletic Training*, 55(6): S36. (NATA Clinical Symposium, July 13-16, 2020).
  28. Kuczo AL, Scarneo Miller SE, **Register-Mihalik JK**, Malone ZC, Kryzanski EE, Kay MC, Vander Vegt CB, Casa DJ, DiStefano LJ. (2020). Exertional Heat Stroke Policy Adoption Across the Socio ecological Framework. *Journal of Athletic Training*, 55(6): S37. (July 13-16, 2020).<sup>a</sup>
  29. Nedimyer AK, Kay MC, Chandran A, Pryor RR, Casa DJ, **Register-Mihalik JK**, Kerr ZY. (2020) Educational Factors, Facilitators and Barriers Associated With Implementation of the NATA IATF Heat Acclimatization Guidelines. *Journal of Athletic Training*, 55(6): S38. (July 13-16, 2020).<sup>a</sup>
  30. Malone ZC, Scarneo Miller SE, **Register-Mihalik JK**, Casa DJ, Kryzanski EE, Kuczo AL, Kay MC, Vander Vegt CB, DiStefano LJ. (2020). The Ability of a Web Based Questionnaire to Accurately Evaluate Best Practice Adoption in Secondary Schools. *Journal of Athletic Training*, 55(6): S39. (July 13-16, 2020).<sup>a</sup>
  31. Kay MC, Ribisl KM, Kucera KL, DeFreese JD, Kerr ZY, Petschauer MA, **Register-Mihalik JK**. (2020). Development and Initial Testing of a Theory Based Intervention to Improve Athletic Training Students' Concussion Related Decision-Making Intentions. *Journal of Athletic Training*, 55(6): S39. (July 13-16, 2020).<sup>a,b</sup>
  32. Callahan CE, Cameron KL, Marshall SW, Gildner P, Peck KY, Houston MN, Svoboda SJ, Kay MC, Kerr ZY, **Register-Mihalik JK**. (2020). Assessing Influencers of Perceived School Level Concussion Care and Support Among Collegiate Student Athletes. *Journal of Athletic Training*, 55(6): S212. (July 13-16, 2020).<sup>a,b</sup>
  33. **Register-Mihalik JK**, Cameron KL, Gildner P, Peck KY, Houston MN, Svoboda SJ, Kay MC, Kerr ZY, Callahan CE, Marshall SW. Associations Between Contact/Collision Sport Participation and Key Concussion Care Seeking Behaviors Among First Year

- Collegiate Student Athletes: The BANK Study. *Journal of Athletic Training*, 55(6): S213. (July 13-16, 2020).
34. Vander Vegt CB , Appelbaum LG, Mihalik JP, Guskiewicz KM, **Register-Mihalik JK**. Pupillary Responses Indicate Neurocognitive Processing Differences in Working Memory Following Concussion. *Journal of Athletic Training*, 55(6): S224. (July 13-16, 2020).<sup>a,b</sup>
  35. Sheldon LN, Scarneo Miller SE, Register Mihalik JK, Malone ZC, Kryzanski EE, Kuczo AL, Kay MC, Vander Vegt CB, DiStefano LJ. Current Dynamic Warm Up Practices in Secondary Schools. *Journal of Athletic Training*, 55(6): S303. (July 13-16, 2020).<sup>a</sup>
  36. Kay MC, Kerr ZY, DeFreese JD, Kucera KL, Petschauer MA, Ribisl KM, **Register-Mihalik JK**. Factors impacting concussion-related decision-making by Certified Athletic Trainers. *Journal of Athletic Training*, 54(6): S25. (June 24-27, 2019).<sup>a,b</sup>
  37. Nedimyer AK, Chandran A, Hirschhorn RM, Adams WM, Pryor RR, Casa DJ, **Register-Mihalik JK**, Kerr ZY. Exertional heat stroke management strategies: a comparison of practice and intentions between athletic trainers who did and did not treat cases during high school football. *Journal of Athletic Training*, 54(6): S69. (June 24-27, 2019).<sup>a,b</sup>
  38. Kerr ZY, Scarneo SE, Yeargin SW, Grundstein AJ, Pryor RR, Casa DJ, **Register-Mihalik JK**. Cold water immersion preparedness for exertional heat stroke in United States high school football preseason. *Journal of Athletic Training*, 54(6): S70-71. (June 24-27, 2019)
  39. Scarneo SE, DiStefano LJ, Murata Y, **Register-Mihalik JK**, Stearns RL, Casa DJ. Knowledge and health behavior of school nurses' related to emergency action plans adoption in secondary school athletics. *Journal of Athletic Training*, 54(6): S154. (June 24-27, 2019).<sup>a</sup>
  40. Simon MB, DeFreese JD, **Register-Mihalik JK**, Kerr ZY, Barczak N, Pexa BS. Pilot study of mental health symptoms in collegiate student-athletes. *Journal of Athletic Training*, 54(6): S191. (June 24-27, 2019).<sup>a</sup>
  41. **Register-Mihalik JK**, Ranapurwala SI, Guskiewicz KM, Gildner P, Klotz A, Marshall SW, McCulloch KL, Mihalik JP, Prim JH, Vander Vegt CB, McCrea M, The Active Rehab Study Consortium. Preseason psychological distress affects college student-athletes' health-related quality of life: findings from the Active Rehab Study. *Journal of Athletic Training*, 54(6): S121. (June 24-27, 2019).
  42. Bowman TG, **Register-Mihalik JK**. Association between symptom cluster severity and baseline neurocognitive scores in collegiate student-athletes. *Journal of Athletic Training*, 54(6): S259. (June 24-27, 2019).<sup>b</sup>

43. Asewicz EA, Bradney DA, Bowman TG, **Register-Mihalik JK**. Quality of life and presence of symptom clusters during baseline neurocognitive testing. *Journal of Athletic Training*, 54(6): S261. (June 24-27, 2019).<sup>a</sup>
44. Klotz A, **Register-Mihalik JK**, Guskiewicz KM, Ranapurwala SI, Gildner P, Marshall SW, McCulloch KL, Mihalik JP, Prim JH, Vander Vegt CB, McCrea M, The Active Rehab Study Consortium. Pre-season baseline and post-concussion near point of convergence in high school and college student-Athletes: findings from the Active Rehab Study. *Journal of Athletic Training*, 54(6): S298. (June 24-27, 2019).
45. Vander Vegt CB, Phillips K, Fonseca J, Bloom OJ, Kay MC, De Maio VJ, **Register-Mihalik JK**. Accommodative insufficiency in pediatric and adolescent student-athletes following sport-related concussion. *Journal of Athletic Training*, 54(6): S300. (June 24-27, 2019).<sup>a,b</sup>
46. Yang K, Vander Vegt CB, Barczak N, **Register-Mihalik JK**, Mihalik JP. Test-retest reliability of a coincidence anticipation timing assessment: Implications for concussion management. *Journal of Athletic Training*, 54(6): S305. (June 24-27, 2019).<sup>a</sup>
47. Watkins RW, Bowman TG, Bradney DA, **Register-Mihalik JK**. The Effect of Previous Medical History on Student-Athlete Quality of Life. *Journal of Athletic Training*, 54(6): S327-328. (June 24-27, 2019).<sup>a</sup>
48. Kay MC, Surch BM, **Register-Mihalik JK**. Athletic training educator concussion symptomology prioritization for clinical decision-making compared to typical symptom presentation. American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 51(5):577. (May 28-June 1, 2019).<sup>a,b</sup>
49. Vander Vegt CB, Ford CB, **Register-Mihalik JK**, DeLellis SM, Healy ML, Kane SF, Lynch JH, Means GE, Mihalik JP. (2019). Athletic training educator concussion symptomology prioritization for clinical decision-making compared to typical symptom presentation. American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 51(5):758. (May 28-June 1, 2019).<sup>a,b</sup>
50. Haarbauer-Krupa JK, Chandran A, Nedimyer AN, Kay MC, Gildner P, Byrd KH, **Register-Mihalik JK**, Kerr ZY. (2019). Factors associated with concussion symptom knowledge and attitudes towards concussion care-seeking among parents of children aged 5-10 years. International Brain Injury Association World Congress. (March 13-16, 2019).
51. Kerr ZY, Chandran A, Nedimyer AK, Kay MC, Gildner P, Byrd HK, Haarbauer-Krupa, **Register-Mihalik JK**. (2019). Factors associated with concussion symptom knowledge and attitudes towards concussion care-seeking among parents of middle school children. Society for the Advancement of Violence and Injury Research. (April 1-4, 2019)
52. Teel EF, **Register-Mihalik JK**, Appelbaum LG, Battaglini CL, Carneiro KA, Guskiewicz KM, Marshall SP, & Mihalik JP. (2018). The Effect of a Brief Aerobic

Training Program on Concussion-Like Symptoms in Healthy University Students. 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-28. (June 27-29, 2018).<sup>a</sup>

53. Campbell KR, Ranapurwala SI, Ford CB, Combs PR, Cabell GH, Nocera MA, Guskiewicz KM, Marshall SW, **Register-Mihalik JK**, Mihalik JP. (2018). Evaluating the effectiveness of a safe playing techniques program on head impact biomechanics in high school football players. 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S101-102. (June 27-29, 2018).<sup>a</sup>
54. Green SL, **Register-Mihalik JK**, Bradney DA, Bowman TG. (2018). Relationship between cognitive function and quality of life in collegiate athletes. 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-197. (June 27-29, 2018).<sup>a</sup>
55. Garrett BM, **Register-Mihalik JK**, Bradney DA, Bowman TG. (2018). Relationship between fatigue, sleep quantity, and baseline neurocognitive test scores. 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-278. (June 27-29, 2018).<sup>a</sup>
56. Kerr ZY, **Register-Mihalik JK**, Pryor R, Pierpoint LA, Scarneo SE, Adams WM, Marshall SW, Kucera KK, Casa DJ. (2018). The effect of National Athletic Trainers' Inter-Association Task Force preseason head acclimatization guidelines on high school football preseason exertional head illness rates. 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-72. (June 27-29, 2018).
57. Scarneo SE, Hosokawa Y, Pike AM, Endres B, Burland JP, **Register-Mihalik JK**, Stearns RL, DiStefano LJ, Casa DJ. (2018). Implementation of emergency action plan policies in secondary school athletics without previous athletic training services. (2018). 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-211. (June 27-29, 2018).<sup>a</sup>
58. Kay MC, Vander Vegt CB, **Register-Mihalik JK**. (2018). Youth Sport Coaches Perceptions and Prioritization of Sport Safety. 2018 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 50(5S): 321. (May 27-June 2, 2018).<sup>a,b</sup>
59. **Register-Mihalik JK**, Cameron KL, Linnan LA, Kay MC, Houston MN, Peck KY, Hennink-Kaminski HJ, Svoboda SJ, Gildner P, Kerr ZY, Guskiewicz KM, Marshall SW. (2018). Factors Associated with Intention to Disclose Concussive Symptoms Among Service Academy Cadets: The BANK Study. 2018 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 50(5S): 827. (May 27-June 2, 2018).
60. Kay MC, Gildner P, Dorman AV, Marshall SW, Kerr ZY, Linnan LA, Hennink-Kaminski HJ, Cameron KL, Peck KY, Houston MN, **Register-Mihalik JK**. (2018). Influencing Factors and Role Expectations in Concussion Disclosure. 2018 NATA



Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-92. (June 27-29, 2018).<sup>a,b</sup>

61. Kay MC, **Register-Mihalik JK**. (2018). Mixed Methodological Designs in Sports Medicine: A Review. Mixed Methods International Research Association Global Conference, Vienna, Austria, August 2018.<sup>a,b</sup>
62. Ingram BM, Kay MC, Vander Vegt CB, **Register-Mihalik JK**. (2018). A Pilot In-Depth Analysis of Youth Sport Coaches' Perceptions of Sport Culture, Safety and Injury Prevention. 2018 NATA Annual Clinical Symposium. *Journal of Athletic Training*, 53(6S): S-27. (June 27-29, 2018).<sup>a,b</sup>
63. Vander Vegt CB, **Register-Mihalik JK**, Kostogiannes VT, Campbell KR, Guskiewicz KM, Mihalik JP. (2018). Baseline visual measures in high school football players with and without previous concussion history. 2018 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 50(5S): 229. (May 27-June 2, 2018).<sup>a,b</sup>
64. DeFreese, J. D., Barczak, N., **Register-Mihalik, J.**, Kroshus, E., Waldron, S. (2018). Social perceptions, sport-specific coping, and burnout in American collegiate club athletes. North American Society for the Psychology of Sport and Physical Activity Annual Meeting. *Journal of Sport and Exercise Psychology*. 40S:S86. (June 21-23, 2018).
65. Barczak, N., DeFreese, J. D., Kroshus, E., **Register-Mihalik, J.**, Waldron, S. (2018). Linear and nonlinear trajectories of athlete resilience during competitive training. North American Society for the Psychology of Sport and Physical Activity Annual Meeting. *Journal of Sport and Exercise Psychology*. 40S:S74. (June 21-23, 2018).<sup>a</sup>
66. Waldron, S., DeFreese, J. D., Pietrosimone, B. G., **Register-Mihalik, J.**, Barczak, N. (2018). Exploring early sport specialization: Associations with athlete burnout. North American Society for the Psychology of Sport and Physical Activity Annual Meeting. *Journal of Sport and Exercise Psychology*. 40S:S122. (June 21-23, 2018).<sup>a</sup>
67. Waldron, S., DeFreese, J. D., Pietrosimone, B. G., **Register-Mihalik, J.**, Barczak, N. (2018). *Why specialize?: Impact of athletes' reasons for specializing on psychological outcomes*. North American Society for the Psychology of Sport and Physical Activity Annual Meeting. *Journal of Sport and Exercise Psychology*. 40S:S122. (June 21-23, 2018).<sup>a</sup>
68. Gallini JW, Kay MC, Marshall SW, Cameron KL, Gildner P, Peck KY, Houston MN†, Kerr ZY, Linnan LA, Hennink-Kaminski H, Svoboda SJ, Guskiewicz KM, **Register-Mihalik JK**. Predictors of concussion-related knowledge, attitudes, beliefs, and disclosure intention in collegiate freshmen student-athletes. *2017 American Association of Public Health Annual Meeting*. <https://apha.confex.com/apha/2017/meetingapp.cgi/Paper/394878> (November 7, 2017).<sup>a,b</sup>

69. **Register-Mihalik JK**, Bloom OJ, Fonseca J, Phillips K, Kay MC, Vander Vegt CB, Gallini JW, Guskiewicz KM, De Maio VJ. (2017). Relationship between initial post-concussion presentation and health-related quality of life at one month post-injury in pediatric concussion patients. 2017 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*, 48(5S): 414-415. (May 2017).
70. Vander Vegt CB, **Register-Mihalik JK**, Rodrigo CJ, Kay MC, Guskiewicz KM, Mihalik JP. (2017). Association between concussion history, demographic characteristics and sensory organization function in collegiate athletes. 2017 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*, 48(5S): 413-414. (May 2017).<sup>a,b</sup>
71. Kay MC, **Register-Mihalik JK**, Williams RM, Valovich McLeod TC. (2017). Influence of parent and child concussion history on parental knowledge and attitudes regarding concussion. 2017 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*, 48(5S): 710. (May 2017).<sup>a,b</sup>
72. **Register-Mihalik JK**, Cameron KL, Gildner P, Peck KY, Houston MN, Svoboda SJ, Kay M, Kerr ZY, Guskiewicz KM, Linnan LA, Hennink-Kaminski H, Marshall SW. (2017). Concussion disclosure knowledge, attitudes, beliefs and behaviors among first year service academy cadets: The BANK Study. 2017 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-18. (June 27-29, 2017).
73. Johnson RS, Kasamatsu TK, Valovich McLeod TC, **Register-Mihalik JK**, Welch Bacon CE. (2017). The impact of athletic trainer access on school counselors' perceptions of academic adjustments for concussed student-athletes in the secondary school setting. 2017 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-78. (June 22-25, 2016).<sup>a</sup>
74. Kasamatsu TK, Valovich McLeod TC, **Register-Mihalik JK**, Welch Bacon CE. (2017). Concussion education associated with teachers' increased familiarity with and recommendation of academic adjustments for adolescents post-concussion. 2017 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-173. (June 27-29, 2017).
75. Ha ML, Kasamatsu TM, Valovich McLeod TC, **Register-Mihalik JK**, Welch Bacon CE. (2017). The influence of prior concussion history on teachers' knowledge and confidence in the secondary school setting. 2017 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-230. (June 27-29, 2017).<sup>a</sup>
76. Phillips K, Fonseca J, Bloom OJ, Beatty A, De Maio VJ, Kay MC, Vander Vegt CB, **Register-Mihalik JK**. (2017). Age-related differences on initial post-concussion measures and one-month quality of life outcomes. 2017 National Athletic Trainers'

Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-200. (June 27-29, 2017).

77. Vander Vegt CB, **Register-Mihalik JK**, Rodrigo CJ, Kay MC, Guskiewicz KM, Mihalik JP. (2017). Association between baseline symptom severity and sensory organization function in college athletes with and without a concussion history. 2017 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-239. (June 27-29, 2017).<sup>a,b</sup>
78. Kay MC, Grove DH, Page RE Defreese JD, **Register-Mihalik JK**. Athletic trainers' perceptions and experiences of withholding athletes from participation. 2017 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 52(6): S-294. (June 27-29, 2017).<sup>a,b</sup>
79. Teel EF, Wasserman EB, **Register-Mihalik JK**, & Mihalik JP. (2016). Baseline symptoms are associated with post-concussion symptom frequency and severity in college and high school athletes. 5th International Consensus Conference on Concussion in Sport, Berlin, Germany. (October 27-28, 2016).<sup>a</sup>
80. **Register-Mihalik JK**, Herzog MM, Boom OJ, Fonseca J, Phillips K, De Maio VJ. (2016). Association between initial post-concussion presentation and persistent symptoms at 1-month post-concussion. 5th International Consensus Conference on Concussion in Sport, Berlin, Germany. (October 27-28, 2016).
81. Wasserman EB, Herzog MM, **Register-Mihalik JK**, De Maio VJ, Fonseca J, Phillips K, Bloom OJ. (2016). Predictors of recommended academic adjustments among concussed student-athletes presenting to the primary care setting. 5th International Consensus Conference on Concussion in Sport, Berlin, Germany. (October 27-28, 2016).
82. De Maio VJ, **Register-Mihalik JK**, Herzog MM, Fonseca J, Phillips K, Boom OJ. (2016). Characteristics of pediatric concussion patients utilizing emergency department services prior to initial concussion clinic evaluation. 5th International Consensus Conference on Concussion in Sport, Berlin, Germany. (October 27-28, 2016).
83. Welch Bacon CE, **Register-Mihalik JK**, Kasamatsu TM, Valovich McLeod TC. (2016). A comparison of healthcare professional and school personnel perceptions and familiarity of academic adjustments for concussed adolescents. 5th International Consensus Conference on Concussion in Sport, Berlin, Germany. (October 27-28, 2016).
84. Kay MC, Williams RM, Valovich McLeod TC, **Register-Mihalik JK**. (2016). Concussion knowledge, attitudes, and perceived level of involvement by youth sport coaches in concussion management. 5th International Consensus Conference on Concussion in Sport, Berlin, Germany. (October 27-28, 2016).<sup>a,b</sup>
85. Valovich McLeod TC, **Register-Mihalik JK**, Kasamatsu, TM; Welch Bacon. (2017). Knowledge perception and confidence regarding sport-related concussion among school

- personnel. 2017 Pediatric Research in Sports Medicine (PRiSM) Annual Meeting. (January 26-28, 2017)
86. Berkowitz JN, **Register-Mihalik JK**, Herzog MM, Blought JG, Fonseca J, De Maio VJ, Bloom OJ. (2016). Relationships between demographics, neurocognitive measures, and near point convergence in pediatric and Adolescent concussion patient. American Medical Society for Sports Medicine Annual Meeting. *Clinical Journal of Sports Medicine*, 26(2): e22-e57. <sup>a,b</sup>
87. **Register-Mihalik JK**, Herzog MM, Bloom OJ, Fonseca J, Phillips K, De Maio VJ. (2016). Association between student-athletes' demographics, symptom cluster presentation, and neurocognitive performance post-concussion in the primary care setting. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-269. (June 22-25, 2016).
88. Phillips K, Fonseca J, Herzog MM, Bloom OJ, De Maio VJ, **Register-Mihalik JK**. (2016). Association between student-athletes' demographics, injury factors and post-concussion symptom burden in the primary care setting. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-268. (June 22-25, 2016).
89. Littleton AC, Guskiewicz KM, Mihalik JP, **Register-Mihalik JK**, Marshal SW, Gioia GA. (2016). The effect of a school-related cognitive activity intervention on recovery following concussion in high school athletes. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-219. (June 22-25, 2016).<sup>a</sup>
90. Kay MC, **Register-Mihalik JK**, Gray A, Dompier T, Kerr ZY. (2016). Epidemiology of severe injuries within NCAA sex-comparable sports 2009/10-2014/15 years. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-142. (June 22-25, 2016). <sup>a,b</sup>
91. Johnson RS, Valovich McLeod TC, Kasamatsu TK, **Register-Mihalik JK**, Erickson CD, Welch Bacon CE. (2016). The influence of athletic trainer employment on secondary school administrators' perceived knowledge, confidence, and importance of adolescent concussion. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-219. (June 22-25, 2016).<sup>a</sup>
92. Kasamatsu TK, Valovich McLeod TC, **Register-Mihalik JK**, Erickson, Johnson RS, Welch Bacon CE. (2016). Perceptions of academic adjustments following adolescent concussion: Comparison of school administrators with and without access to athletic trainers. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-225. (June 22-25, 2016).
93. Kucera KL, Casa DJ, Drezner J, Guskiewicz KM, **Register-Mihalik JK**, Comstock RD, Dompier TP, Kerr ZY, Klossner D, Marshall SW, Siebert D, Stearns RL, Thomas LC,

- Wolff K, Wolf S, Yau RK, Cantu R. (2016). Surveillance of catastrophic sport-related injury and illness among middle school, high school, and college athletes, 2013/14 to 2015/16. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-143. (June 22-25, 2016).
94. **Register-Mihalik JK**, Mackenzie MM, Bloom OJ, Fonseca J, De Maio VJ. (2016). Descriptive epidemiology of pediatric and adolescent concussion patients in the primary care setting. 2016 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports and Exercise*, 48(5S): 507. (June 1-4, 2016).
95. Kay MC, **Register-Mihalik JK**, Gray A, Dompier T, Kerr ZY. Epidemiology of severe injuries within NCAA football, wrestling, and men's ice hockey, 2009/10-2014/15 years. (2016). 2016 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports and Exercise*, 48(5S): 870. (June 1-4, 2016).<sup>a,b</sup>
96. Herzog MM, **Register-Mihalik JK**, De Maio VJ, Fonseca J, Bloom OJ. (2016). Predictors of recommended academic accommodations among concussed student-athletes presenting to the primary care setting. 2016 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports and Exercise*, 48(5S): 533. (June 1-4, 2016).<sup>a</sup>
97. Lane A, **Register-Mihalik JK**, O-Leary C, Hackney AC. (2016). Relationship between exercise training and libido in endurance trained men. 2016 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports and Exercise*, 48(5S): 267. (June 1-4, 2016).<sup>a</sup>
98. Haarbauer-Krupa J, Hirsch S, Coronado V, Valdes R, Lowe B, **Register-Mihalik JK**. (2015). Assessment of ICD-9-CM Codes included in the CDC's definition of traumatic brain injury. 2015 American Public Health Association Annual Meeting. <https://apha.confex.com/apha/143am/webprogram/Paper323208.html>. (October 31-November 4, 2015).<sup>b</sup>
99. **Register-Mihalik JK**, Valovich McLeod TC, Williams RM, Linnan LA, Mihalik JP, Guskiewicz KM, Marshall SW. (2015). Effect of viewing a concussion education video followed by in-person reinforcement on parents' concussion knowledge. 2015 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 50(6): S175. (June 24-26, 2015).
100. **Register-Mihalik JK**, Valovich McLeod TC, Williams RM, Linnan LA, Mihalik JP, Marshall SW, Guskiewicz KM. (2015). Concussion education video exposure does not significantly improve youth athlete concussion knowledge. 2015 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports and Exercise*, 47(5S): 636. (May 27-30, 2015).
101. **Register-Mihalik JK**, Marshall SW, Linnan LA, McLeod TC, Mihalik JP, Mayfield RM, Guskiewicz KM. (2014). Post-concussion care-seeking for children injured in youth

- sport: The role of parents' knowledge and attitudes. 2014 American Public Health Association's Annual Meeting. <https://apha.confex.com/apha/142am/webprogram/Paper296740.html>. (November 15-19, 2015).
102. Kerr ZW, Marshall SW, **Register-Mihalik JK**. (2014). Non-disclosure of concussion and concussion symptoms in athletes: An application of the socio-ecological framework. 2014 American Public Health Association's Annual Meeting. <https://apha.confex.com/apha/142am/webprogram/Paper296910.html>. (November 15-19, 2015).
  103. **Register-Mihalik JK**, McLeod TC, Marshall SW, Mayfield RM, Linnan LA, Mihalik JP, De Maio VJ, Guskiewicz KM. (2014). Influence of demographic factors and concussion history on concussion knowledge and attitudes among youth sport parents. 2014 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*. 49(3), S142. (June 25-28, 2014).
  104. De Maio VJ, **Register-Mihalik JK**, Tibbo-Valeriotte HL, Lanier B, Jackson T, Wooten JD. (2014). Characteristics of patients presenting to a concussion clinic program following Emergency Department referral. 2014 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*. 49(3), S175. (June 25-28, 2014).
  105. Mihalik JP, Lynall RC, Schmidt JD, **Register-Mihalik JK**, Guskiewicz KM. (2014). The effect of concussion history and scholastic age on visual performance. 2014 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*. 49(3), S74. (June 25-28, 2014).
  106. Littleton AC, Guskiewicz KM, Mihalik JP, **Register-Mihalik JK**. (2014). Reliability of three neurocognitive assessments used in the assessment of concussion. 2014 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*. 49(3), S118. (June 25-28, 2014).<sup>a,b</sup>
  107. **Register-Mihalik JK**, Guskiewicz KM, Valovich McLeod TC, Mayfield RM, Linnan LA, Mihalik JP, De Maio VJ, Marshall SW. (2014). Influence of demographic factors and concussion history on concussion knowledge among youth athletes. 2014 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*. 46(5S), 161-165. (May 27-May 31, 2014).
  108. Littleton AC, Guskiewicz KM, Mihalik JP, **Register-Mihalik JK**. (2014). Concurrent validity of three computerized concussion assessment tests and traditional paper and pencil neurocognitive assessments. 2014 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*. 46(5S), 278-280. (May 27-May 31, 2014).<sup>a,b</sup>
  109. **Register-Mihalik JK**, Ingriselli JM, Schmidt JD, Littleton AC, Mihalik JP, Giovanello K, Marshall SW, De Maio VJ, Guskiewicz KG. (2013). Balance and cognitive

- performance under a divided attention task prior to and following two different 4-week training interventions: Preliminary implications for concussion rehabilitation. 2013 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*. 48(3), S192. (June 26-28, 2013).
110. Trinidad K, Schmidt JD, **Register-Mihalik JK**, Groff D, Goto S, Guskiewicz KM. (2013). Predicting clinical concussion measures at baseline based on academic profile and motivation. 2013 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*. 48(3), S30. (June 26-28, 2013).<sup>a</sup>
  111. **Register-Mihalik JK**, De Maio VJ, Tibbo-Valeriotte H, Lanier B, Jackson T, Wooten JD. (2013). Characteristics associated with post-concussion amnesia in pediatric and adolescent concussion clinic patients. 2013 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*. 45(5), S624. (May 28-June 2, 2013).
  112. **Register-Mihalik JK**, De Maio VJ, Tibbo-Valeriotte H, Lanier B, Jackson T, Wooten JD. (2012). Epidemiology and age comparisons of patients presenting to a dedicated community concussion clinic. 4<sup>th</sup> International Conference on Concussion in Sport. *British Journal of Sports Medicine*. Epub ahead of print doi: 10.1136/bjsports-2012-092101.47 (November 1-2, 2012).
  113. De Maio VJ, Joseph, DO, Tibbo-Valeriotte H, Lanier B, **Register-Mihalik JK**. (2012). Variability in discharge instructions and activity restrictions for patients evaluated in a children's emergency department following concussion. 4<sup>th</sup> International Conference on Concussion in Sport. *British Journal of Sports Medicine*. Epub Ahead of Print doi: 10.1136/bjsports-2012-092101.46. (November 1-2, 2012).
  114. **Register-Mihalik JK**, Marshall SW, Valovich McLeod TK, Linnan L, Mueller FO, Guskiewicz KM. (2012). Gender differences in concussion reporting prevalence across games and practices. 2012 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*. 47(5), S177 (June 26-29, 2012).
  115. **Register-Mihalik JK**, Linnan L, Marshall SW, Valovich McLeod TK, Mueller FO, Guskiewicz KM. (2012). Influence of gender on knowledge, attitude, perceived social pressures, and perceived behavioral control among high school athletes. 2012 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*. 44 (5), S264.
  116. Frank BS, **Register-Mihalik JK**, Begalle RS, Schnider RA, Bailey JT, Arundale AJ, Padua DA. (2012). Discrepancies between youth soccer coaches' attitudes and beliefs regarding ACL injury prevention programming and compliance. 2012 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*, 47, S179 (June 26-29, 2012).<sup>a</sup>
  117. Littleton Ashley, Guskiewicz KM, Schmidt JD, **Register-Mihalik JK**, Gioia G, Mihalik JP, Waicus K. (2012). Effects of attention deficits hyperactivity disorders and stimulant

medications on performance on concussion assessment tests. 2012 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*, 47, S12 (June 26-29, 2012).<sup>a</sup>

118. Schmidt JD, **Register-Mihalik JK**, Guskiewicz KM. (2012). Neurocognitive and postural control performance in asymptomatic concussed athletes compared to controls. 2012 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*, 47, S12 (June 26-29, 2012).<sup>a</sup>
119. **Register-Mihalik JK**, Guskiewicz KM, Linnan L, Marshall SW, Valovich McLeod TK, Mueller FO. (2011). Influence of concussion knowledge on reporting of concussion in games and practices among a sample of high school athletes. 2011 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*, 46(3), S16. (June 19-22, 2011).
120. Toler JD, Mihalik JP, **Register-Mihalik JK**, Guskiewicz KM. (2011). Identifying acute impairments following concussion: Is there a case for baseline testing? 2011 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*, 46(3), S35. (June 19-22, 2011).<sup>a</sup>
121. Mihalik JP, Guskiewicz KM, **Register-Mihalik JK**, Toler JD. (2011). Subconcussive head impacts do not result in short-term clinical impairments in youth ice hockey players. 2011 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*. 46(3), S16-S17. (June 19-22, 2011).
122. Friedline AV, Mihalik JP, **Register-Mihalik JK**, Mays S, Prentice WE, Guskiewicz KM. (2011). Effects of weight-cutting tactics on sideline clinical concussion measures in division I collegiate wrestlers. 2011 National Athletic Trainers' Association Annual Meeting and Clinical Symposium. *Journal of Athletic Training*. 46(3), S120. (June 19-22, 2011).<sup>a</sup>
123. Toler JD, Guskiewicz KM, Mihalik JP, **Register-Mihalik JK**. (2011). The influence of attention deficit on baseline concussion measures. 2011 American College of Sports Medicine Annual Meeting Denver, CO. *Medicine & Science in Sports & Exercise*, 43(5 Suppl), 175-176. (May 31- June 4, 2011).<sup>a</sup>
124. **Register-Mihalik JK**, Linnan L, Marshall SW, Valovich McLeod TK, Mueller FO, Guskiewicz KM. (2010). Influence of previous concussion history on knowledge, attitude, and reporting of concussion in high school athletes: A preliminary analysis. 2010 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 45(3) S-19. (June 22-25, 2010).
125. Gysland SM, Mihalik JP, **Register-Mihalik JK**, Trulock SC, Shields EW, & Guskiewicz KM. (2010). The relationship between subconcussive impacts and concussion history on clinical measures of concussion in collegiate football players. 2010 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 45(3) S-52. (June 22-25, 2010).<sup>a</sup>



126. **Register-Mihalik JK**, Oyama S, Marshall SW, Mueller FO. (2010). Injury precursors and behaviors associated with injury in a cohort of Little League baseball pitchers. 2010 American College of Sports Medicine Annual Meeting, *Medicine & Science in Sports & Exercise*. 42(5) 473. (June 2-5, 2010).
127. Oyama S, **Register-Mihalik JK**, Marshall SW, and Mueller FO. (2010). Characteristics of the pitching-related elbow injuries in intercollegiate baseball pitchers. 2010 American College of Sports Medicine Annual Meeting, *Medicine & Science in Sports & Exercise*. 42(5) 472. (June 2-5, 2010).
128. **Register-Mihalik JK**, Mihalik JP, Guskiewicz KG. (2009). Sex differences in balance performance prior to and acutely following sports-related concussion. 2009 Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 44(3) S91. (June 17-20, 2009).
129. Ross LM, **Register-Mihalik JK**, Mihalik JP, Shields EW, Prentice WE, Guskiewicz KG. (2009). Cognitive performance during a single task and a dual task in physically active young adults. 2009 Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 44(3) S93. (June 17-20, 2009).<sup>a,b</sup>
130. Graf JE, Dameron EA, DiStefano LJ, **Register-Mihalik JK**, Kaiser KA, Canonge DM, Blackburn JT, Ross SE, Padua DA. (2009). Sex differences in balance and power among youth soccer players. 2009 Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 44(3) S95. (June 17-20, 2009).<sup>a</sup>
131. Kaiser KA, Canonge DM, DiStefano LJ, **Register-Mihalik JK**, Marshall SW, Graf JE, Dameron EA, Padua DA. (2009). Sex differences in balance and power among youth soccer players. 2009 Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 44(3) S95. (June 17-20, 2009).<sup>a</sup>
132. **Register-Mihalik JK**, Marshall, SW, Mueller FO. (2009). Association between pain, fatigue, and injury in collegiate baseball pitchers. 2009 American College of Sports Medicine Annual Meeting, *Medicine & Science in Sports & Exercise*. 46(5) S299-300. (May 27-30, 2009).
133. Kontos DL, **Register-Mihalik JK**, Mihalik JP, Guskiewicz KG. (2008). Investigation of age effects of the Immediate Postconcussion and Cognitive Test (ImPACT) and paper-pencil neuropsychological tests. 2008 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 43(3) S33. (June 18-22, 2008).<sup>a,b</sup>
134. **Register-Mihalik JK**, Mihalik JP, Guskiewicz KG. (2008). Clinical balance recovery in individuals reporting posttraumatic migraine characteristics following sports-related concussion. 2008 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 43(3) S33. (June 18-22, 2008).

135. **Register-Mihalik JK**, Marshall SW, Mueller FO. (2008). Association between pitching volume and shoulder and elbow injury in high school baseball pitchers. 2008 American College of Sports Medicine Annual Meeting, *Medicine & Science in Sports & Exercise*. 45(5) S233. (May 27-31, 2008).
136. **Register-Mihalik JK**, Guskiewicz KG. (2008). Association of previous concussion and presence of baseline symptoms in high school and collegiate athletes. 2008 Southeastern American College of Sports Medicine Annual Meeting. (February 14, 2008).
137. **Register-Mihalik JK**, Mihalik JP, Guskiewicz KG. (2007). Posttraumatic migraine characteristics affect postural stability following sports-related concussion. 2007 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 42(2) S31. (June 26-30, 2007).
138. **Register JK**, Guskiewicz KM, Mihalik JP. (2006). Recovery patterns of individuals reporting post-traumatic headache. 2006 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 41(2) S39, S61. (June 14-18, 2006).
139. **Register JK**, Mihalik JP, Essa MS, Hirth CJ, Guskiewicz KM. (2005). Exertional rhabdomyolysis in Division I female lacrosse Athletes. 2005 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, *Journal of Athletic Training*. 40(2), S83. (June 12-16, 2006).
140. **Register JK**, Guskiewicz KM, Mihalik JP. (2005). Effect of chronic headache on post-concussion measures. *Fifth Annual Sports Medicine and Neurotrauma Review*, Orlando, FL. (March 10-13, 2005).
141. Mihalik JP, Guskiewicz KM, **Register JK**. (2005). Recovery of athletes with characteristics of posttraumatic migraine following sports-related concussion. *Fifth Annual Sports Medicine and Neurotrauma Review*, Orlando, FL. (March 10-13, 2005).
142. **Register JK**, Mihalik JP, Essa MS. Exertional Rhabdomyolysis in 8 Division I Female Lacrosse Athletes. 2005 Eastern Athletic Trainers' Association Annual Meeting. Boston, MA. (January 7-10, 2005).

***Products of interdisciplinary scholarship (1)***

1. The BANK Concussion Platform: <http://tbiresourcebank.org>

***Other - Non-Refereed Publications, Blogs, and PodCasts (8)***

1. **Register-Mihalik JK**. Update on CDC Guideline for Pediatric mTBI. JAT Chat.

<https://www.youtube.com/watch?v=rkXBR1VDBtM>.

2. **Register-Mihalik JK.** Concussion in Sport: Changing the “Culture”. BMJ Group Blogs, Injury Prevention: Editor’s Blog. <http://blogs.bmj.com/injury-prevention/2016/06/08/concussion-in-sport-changing-the-culture/>.
3. **Register-Mihalik JK.** Concussion Tracking Interview/Blog. Advocates for Injured Athletes Blog. <http://injuredathletes.org/blog/2016/concussion-tracking---interview-with-johna-register-mihalik/>.
4. **Register-Mihalik JK.** Mind Matters Challenge Promotion. <https://www.youtube.com/watch?v=MPPqI7pkSXw>
5. **Register-Mihalik JK, Herzog MM.** Sport Related Mild Traumatic Brain Injury in the Pediatric Population. <https://uncexss.wordpress.com/2015/11/16/sport-related-mild-traumatic-brain-injury-in-the-pediatric-population/>
6. **Register-Mihalik JK.** It takes a Village - Advocates for Injured Athletes: <http://injuredathletes.org/blog/2014/it-takes-a-village/>
7. **Register-Mihalik JK.** Culture Change: Winning at all Costs - Childress Institute for Pediatric Trauma: <https://saveinjuredkids.org/blog/culture-change-suck-mentality/> - Fall 2014.
8. **Register-Mihalik JK.** Understanding Factors Influencing Concussion Knowledge and Attitudes. <https://uncexss.wordpress.com/2014/10/06/understanding-factors-influencing-concussion-knowledge-and-attitudes-among-youth-sport-athletes-and-parents/>

***Other - Invited Scholarly Presentations (60)***

1. **Register-Mihalik JK.** Research and the Role of the PI: A Young Investigator’s Perspective. American Professoriate Graduate Seminar. (October 5, 2021).
2. **Register-Mihalik JK.** Active Rehabilitation Efforts in Military and Sport. Representative David Price Visit. (September 20, 2021).
3. **Register-Mihalik JK & Mihalik JP.** Updates on Initiatives and Efforts to Improve Health & Safety in Sport and the Military. UNC System Board of Governors. (February 2, 2022).
4. **Register-Mihalik JK & Broglio S.** Updates to 2014 NATA Position Statement. National Athletic Trainers’ Association Meeting. (Virtual/OnDemand, 2021).

5. **Register-Mihalik JK.** Innovations in Prevention & Treatment of Concussion. Far West Athletic Trainers' Association Annual Meeting (Virtual). (June 1, 2021).
6. **Register-Mihalik JK.** Prevention of Concussions in the Local Community. Brain Trust Conference. (May 2, 2020).
7. **Register-Mihalik JK.** Intersecting Clinical & Behavioral Outcomes: Implications for Concussion Prevention and Care. California Concussion Institute's Annual Concussion Conference. (January 25, 2020).
8. **Register-Mihalik JK.** Active Education and Early Intervention in Your Concussion Protocol: Practical Considerations. California Concussion Institute's Annual Concussion Conference. (January 25, 2020).
9. **Register-Mihalik JK.** Early and Active Rehabilitation for Concussion. Pardee Hospital Annual Sports Medicine Conference. (November 23, 2020).
10. **Register-Mihalik JK.** Active rehabilitation following concussion: Findings and experiences of randomized controlled trials [The Active Rehab Study]. American College of Rehabilitation Medicine. (November 7, 2020).
11. **Register-Mihalik JK and Craig D.** Designing Concussion Education to Impact Clinical Care. National Athletic Trainers' Association Annual Meeting. (June 26, 2019).
12. **Register-Mihalik JK.** Concussion Care across the Lifespan: Lessons Learned from Adolescents and Youth Adults. National Athletic Trainers' Association Annual Meeting. (June 26, 2019).
13. **Register-Mihalik JK.** The Tipping Point: Advances in Concussion Active Prevention and Treatment Practices (NATA Exchange Lecture). American College of Sports Medicine Annual Meeting. (May 30, 2019).
14. **Register-Mihalik JK.** Crossing Borders: Intersecting Behavioral and Clinical Interventions for Concussion. Annual Steadman-Philippon Injury Prevention Conference. (May 3, 2019).
15. **Register-Mihalik JK.** Exertion Evolution Postconcussion. Matthew Gfeller Sport-Related Neurotrauma Conference. (March 9, 2019).
16. **Register-Mihalik JK.** Next Frontier of Concussion Management. Keynote Address Annual BrainCare Symposium. (March 7, 2019).
17. **Register-Mihalik JK.** Active Rehabilitation Strategies for Concussion. National Athletic Trainers' Association Annual Meeting. (June 29, 2018).
18. **Register-Mihalik JK.** Changing the Culture and Changing Practice: A Concussion Perspective. National Athletic Trainers' Association Annual Meeting. (June 28, 2018).

19. **Register-Mihalik JK.** Head First Contact in Football: A Position Statement Update. National Athletic Trainers' Association Annual Meeting. (June 27, 2018).
20. **Register-Mihalik JK.** The BANK Study Updates. NCAA-DOD Concussion Conference. West Point, NY. (April 20, 2018).
21. **Register-Mihalik JK.** Active Rehab Strategies for Concussion. Novant Sports Medicine Research Symposium. Kernersville, NC. (April 14, 2018).
22. **Register-Mihalik JK.** Changing the Concussion Culture: Is it Possible and How? University of Wisconsin Alumni & Friends Day. Madison, WI. (February 17, 2018).
23. **Register-Mihalik JK.** Changing the Culture around Concussion. American Academy of Neurology Sport Concussion Annual Meeting. Jacksonville, FL. (July 15, 2017).
24. **Register-Mihalik JK.** Innovations in Concussion Treatment. Matthew Gfeller Sport-Related Traumatic Brain Injury Association Symposium. Chapel Hill, NC. (March 3, 2017).
25. **Register-Mihalik JK.** A Comprehensive Approach to Concussion Management: Where are we Headed? *Australian Center for Research in Injury and Sport and its Prevention Guest Lecture Series.* Ballarat, VIC, Australia. (March 10, 2016)
26. **Register-Mihalik JK.** Prevention and Management of Concussion: Where are we Headed? Sports Medicine Australia Monthly Seminar. Melbourne, VIC, Australia. (March 8, 2016)
27. **Register-Mihalik JK.** Return to Learn and Play Postconcussion: Where's the Evidence? *Southeastern Sports Medicine Concussion Symposium.* Asheville, NC. (July 23, 2015).
28. **Register-Mihalik JK.** Return to Cognitive and Physical Activity Postconcussion: Where's the Evidence. *5<sup>th</sup> Annual First Coast Sports Medicine Symposium.* Jacksonville, FL. (April 18, 2015).
29. **Register-Mihalik JK.** A Concussion Update. *5<sup>th</sup> Annual First Coast Sports Medicine Symposium.* Jacksonville, FL. (April 17, 2015).
30. **Register-Mihalik JK.** Can Education Programs Prevent Concussion? *3<sup>rd</sup> Annual Matthew Gfeller Neurotrauma Symposium.* Chapel Hill, NC. (March 7, 2015).
31. Littleton AC & **Register-Mihalik JK.** Current Evidence Concerning Returning to Cognitive and Physical Activity Postconcussion. *National Athletic Trainers' Association Webinar Series.* (October 27, 2014).

32. **Register-Mihalik JK.** Evidence Base for Return-to-Play Postconcussion. *North Carolina Athletic Trainers' Association Summer Symposium*. Salisbury, NC. (July 14, 2014).
33. **Register-Mihalik JK.** Concussion in Sports and the Military: Assessment of Balance and Postural Control Following Concussion. *American Academy of Neurology's 66<sup>th</sup> Annual Meeting*. Philadelphia, PA. (May 2, 2014).
34. **Register-Mihalik JK.** Active Management of Concussion: Thinking Beyond the Rest and Wait. *MAHEC Concussion Conference*. Asheville, NC. (February 28, 2014).
35. **Register-Mihalik JK.** Traumatic Brain Injuries in Baseball. *Injuries in Baseball Course: American Sports Medicine Institute*. Atlanta, GA. (January 31, 2014).
36. **Register-Mihalik JK.** Actively Managing Concussion Using Divided Attention Paradigms. *Charlotte Sports Medicine Symposium*. Concord, NC. (June 8, 2013).
37. **Register-Mihalik JK.** From Impact to Outcomes: Piecing Together the Concussion Puzzle. *Allied Health Education's Webinar Series*. Online. Raleigh, NC. (June 6, 2013).
38. **Register-Mihalik JK.** Dual-Task Paradigms in Concussion Assessment and Management. *University of Kentucky Concussion Summit*. Lexington, KY. (May 18, 2013).
39. **Register-Mihalik JK.** When Wait and See Isn't Enough: Active Management of Concussion. *2<sup>nd</sup> Annual Matthew Gfeller Neurotrauma Symposium*. Chapel Hill, NC. (March 7, 2013).
40. **Register-Mihalik JK.** Divided attention and dual-task paradigms in Concussion Management. *National Athletic Trainers' Association Monthly Webinar*. Online. (August 8, 2012).
41. **Register-Mihalik JK.** Using divided attention and dual-task paradigms in assessment and return-to-play progressions following concussion. *National Athletic Trainers' Association Annual Meeting*. St. Louis, MO. (June 29, 2012).
42. **Register-Mihalik JK.** The Role of Dual-Task and Divided Attention Paradigms in Concussion Management. *Select Physical Therapy Charlotte Sports Medicine Symposium*. Charlotte, NC. (June 9, 2012).
43. **Register-Mihalik JK.** An Evidence Based Approach to Concussion Management. *Annual Duke University Trauma Symposium*. Durham, NC. (March 29, 2012).
44. **Register-Mihalik JK.** A Head's Up on Concussion in Sport. *Southeastern Athletic Trainers' Association Student Symposium*. Atlanta, GA. (February 7, 2012).

45. **Register-Mihalik JK**, Guskiewicz KM. Rehabilitation and Intervention Strategies following Concussion Evidence Based Forum. New Orleans, LA. *National Athletic Trainers' Association Annual Meeting*. (June 20, 2011).
46. **Register-Mihalik JK**. Research and Strategies in Concussion Management and Evaluation. *UNC Chapel Hill's Annual May Day Trauma Conference*. Chapel Hill, NC. (May 7, 2011).
47. Guskiewicz KM, Mihalik JP, **Register-Mihalik JK**. Concussion policies among NCAA institutions. *2011 College Sports Research Institute Conference*. Chapel Hill, NC. (April 20, 2011).
48. **Register-Mihalik JK**. Pediatric Concussion. *Annual Duke University and UNC Chapel Hill Trauma Symposium*. Durham, NC. (April 7, 2011).
49. **Register-Mihalik JK**. Updates on Concussion in Sport. *Southeastern Athletic Trainers' Association Student Symposium*. Atlanta, GA. (February 3, 2011).
50. **Register-Mihalik JK**. Complications and Long-term Consequences of Sports-Related Concussion. *Steadman Hawkins Annual Sports Medicine Symposium*. Greenville, SC. (June 12, 2010).
51. **Register-Mihalik JK**. Concussion Assessment: A Comprehensive View. *Select Physical Therapy Annual Sports Medicine Meeting*. Charlotte, NC. (June 5, 2010).
52. **Register-Mihalik JK**, Mihalik JP, and Guskiewicz KM. Management of Youth Concussions: Evidence for Biomechanical and Educational Interventions. *American College of Sports Medicine Annual Meeting*. Baltimore, MD. (June 2, 2010).
53. Guskiewicz KM, **Register-Mihalik JK**. Clinical Utility of the SCAT 2. *Triangle Sports Medicine Symposium*. Raleigh, NC. (December 5, 2009).
54. **Register-Mihalik JK**. Updates on Pitching Injuries and Catastrophic Injuries in Baseball. *USA Baseball Safety Committee Meeting*. Cary, NC. (June 16, 2009).
55. **Register-Mihalik JK**. On Field and Sideline Assessment of Concussion. *Mid Atlantic Athletic Trainers' Association*. Virginia Beach, VA. (May 17, 2009).
56. **Register-Mihalik JK**. A Head's Up on Concussion in Sport. *Southeastern Athletic Trainers' Association Student Symposium*. Atlanta, GA. (February 7, 2009).
57. **Register-Mihalik JK**, Marshall SW, Mueller FO. Pitching Injuries in Baseball. *USA Baseball Safety Committee Meeting*. Cary, NC. (June 16, 2008).
58. **Register-Mihalik JK**. Headache in the Athlete Workshop. *National Athletic Trainers' Association Annual Meeting*. St. Louis, MO. (June 22, 2008).

59. **Register-Mihalik JK**, Mihalik, JP. Concussion Testing. *Mid-Atlantic Athletic Trainers' Association Annual Meeting*. Virginia Beach, VA. (May 18, 2008).
60. **Register-Mihalik JK**. Concussion in Sport. *Southeastern Athletic Trainers' Association Student Symposium*. Atlanta, GA. (February 8, 2008).

## **F. TEACHING ACTIVITIES**

*\*Course enrollment numbers provided for courses since beginning faculty position (2014)*

### ***Curricular Experience – Undergraduate***

#### **Past Three Years**

Fundamentals of Sports Medicine (EXSS 265)

Fall 2021 (25 students)

Fall 2020 (20 students)

Neuromuscular Control and Motor Learning (EXSS380)

Spring 2022 (24 students)

Spring 2021 (63 students)

Fall 2019 (45 students)

Seminar in Athletic Training (EXSS 369)

Spring 2020 (11 students)

Spring 2019 (13 students)

Spring 2016 (13 students)

Human Anatomy (EXSS 175)

Fall 2018 (280 students), Fall 2017 (279 students)

#### **Additional Previous Experience**

Human Anatomy (EXSS 175)

Spring 2016 (289 students), Fall 2014 (122 students)

Neuromuscular Control of Human Movement (EXSS 380)

Fall 2015 (53 students), Spring 2015 (55 students)

Personal Health (EXSS 141)

Spring 2012, Fall 2011, Spring 2011, Fall 2010

Therapeutic Modalities (EXSS 367)

Spring 2008



Emergency Care (EXSS 188)  
Summer 2007, Spring 2006

***Curricular Experience – Doctoral***  
*None in past three years*

**Additional Previous Experience**

Applied Survey Research and Statistics - Independent Study (EXSS 890)  
Fall 2014 (1 student)

***Doctoral Dissertation Committees – Advisor (3)***

1. Callahan CE. Associations among perceived stress, mindfulness, and concussion-related outcomes in young adults with concussion history. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2023.
2. Kay MC. Development of a theory-based intervention for communication of healthcare decisions in athletic training: The CHAT Study. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2019.
3. Vander Vegt CB. Utilization of an objective physiological measure to inform cognitive efficiency in club sport athletes: Implications for concussion management. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2020.

***Doctoral Dissertation Committees – Member (10)***

1. Nedimyer AN. Information Seeking in Athletic Trainers Related to Exertional Heat Illness. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2022.
2. Gualini H. Feasibility of Workload Monitoring within Law Enforcement Officers and its Relationship to Injury Risk and Job Performance. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2022.
3. Combs PR. Neurophysiology of repetitive head impact exposure in high school athletes. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2020.
4. Gerstner G. The influence of obesity and stress on muscle fatigability and steadiness in career firefighters. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. August 2019.

5. Lane A. Low energy availability and prevalence impact on endocrine status and bone health in male endurance trained athletes. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2019.
6. Harmon K. Emergency Department visits in a pediatric population: An examination of traumatic brain injuries and sports and recreational injuries among school-age children in North Carolina. *Department of Epidemiology, UNC-Chapel Hill*. May 2018.
7. Scarnero S. Emergency action plan policy adoption in secondary school athletics. *Department of Kinesiology, University of Connecticut*. December 2017.
8. Teel EF. The effect of ACTIVE Training on clinical and physiological outcomes in healthy and concussed college-aged participants. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. May 2017.
9. Fraser MA. The associations between SRC, football seasons played, head impact biomechanics, and neurobehavioral measures in high school and collegiate athletes *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. December 2016.
10. Littleton AC. The effect of physical and cognitive activity levels postconcussion. *Interdisciplinary Curriculum in Human Movement Science, UNC-Chapel Hill*. August 2015.

***Master's Thesis Committees – Advisor (9)***

*Department of Exercise and Sport Science at UNC-Chapel Hill, unless otherwise specified*

1. Smith L. Exploring Burnout Symptoms and Concussion Related Outcomes. May 2023 (anticipated).
2. Potter J. Association between Cervicovestibular Symptoms and Health-Related Quality of Life in Children and Adolescents at 1-Month Post-Concussion. May 2022.
3. Minyard K. Eye Tracking Paired with a Cognitive Task as a Measure of Physiologic Deficits of Concussion. August 2021.
4. Cosby A. The Relationship Between Racial and Ethnic Identity and Concussion Care Seeking Behaviors. May 2021.
5. Ingram B. Comparing an interactive concussion education platform to current education standards: A randomized control trial. May 2020.
6. Kostogiannes V. Relationships among movement characteristics, visual performance, and head injury biomechanics in American high school football athletes. May 2018.

7. Dubas R. Comparison of SCAT-3 performance in different fatigue states. August 2017.
8. Mincberg D. Comparison of a smartphone balance test and other commonly used balance measures. May 2016.
9. Ingriselli J. Neurocognitive and balance performance following A dual-task training intervention in healthy collegiate recreational athletes. August 2012.

***Master's Thesis Committees – Member (20)***

*Department of Exercise and Sport Science at UNC-Chapel Hill, unless otherwise specified*

1. Booth M. Effects of subconcussive impacts on postural control: A systematic review. May 2020.
2. Simon M. Pilot study of mental health symptoms in collegiate athletes: The influence of resilience across a competitive season. May 2019.
3. Kruse M. Effects of head impact biomechanics on visual performance in collegiate football players: A concussion perspective. May 2019.
4. Royal T. A multifactorial analysis of concussion risk in youth football players. *Master of Science of Advanced Athletic Training, University of South Carolina*. May 2018.
5. Gagnon-Joseph P. Effects of head impact biomechanics on visual-motor performance over the course of on football season. May 2018. (Anticipated)
6. Harriss J. Detecting movement errors in chronic ankle instability patients: Comparing fusionetics to the LESS. May 2017.
7. Haggerty E. Knowledge of depression in collegiate track/field and cross-country coaches. May 2017.
8. Smaldone J. An examination of content of preferences of college wrestling programs on Facebook and Twitter. May 2015.
9. Cook C. A Comparison of dynamic visual acuity measures in concussed pediatric and adolescent student athletes. *Masters of Science in Public Health Program, Campbell University*. May 2014.
10. Pierce A. The effect of knowledge of concussion and aggression on head impact biomechanics in youth male and female ice-hockey players. May 2013.
11. Trinidad K. Predicting clinical concussion measures at baseline based on academic profile and motivation. May 2012.

12. Fratarcangeli D. The head of the issue: An exploratory study of the perceptions and the composition of NCAA Division I concussion management plans. May 2012.
13. Lengas E. The effect of sleep quality and sleep quantity on concussion assessment. May 2012.
14. Askey L. The effects of the Full90 soccer headband on neurocognitive function and balance performance following an acute bout of soccer heading. May 2010.
15. Friedline A. Effects of weight-cutting tactics on sideline clinical concussion measures in Division I collegiate wrestlers. May 2010.
16. Bengston E. An assessment of injuries and health status among collegiate performing arts students. May 2010.
17. Allard S. Acute effects of subtalar neutral on pre-activation levels of the Peroneus Longus, time to stabilization, and stiffness in stable and unstable ankles. May 2009.
18. Gysland S. The relationship between subconcussive impacts and concussion history on clinical measures of concussion in collegiate football players. May 2009.
19. Ross L. An analysis of a dual task paradigm for the assessment of concussion. May 2008.
20. Kontos DL. Investigation of validity, reliability, and practice effects of the Immediate Post-concussion Assessment and cognitive Test (ImPACT) and traditional paper pencil neuropsychological tests. May 2007.

***Undergraduate Honor's Thesis Committees – Advisor (5)***

*Department of Exercise and Sport Science at UNC-Chapel Hill, unless otherwise specified*

1. Barron E. The Influence of Stress and Concussion History on Cognitive Efficiency. *Department of Biostatistics, UNC-Chapel Hill.* May 2020.
2. Yang K. Pupillary response as a physiological indication of neural resource utilization in those with and without a concussion history. May 2019.
3. Page R. Concussion-related knowledge, attitudes, norms, and expectations among faculty, staff, and students at a large public university. May 2019.
4. Grove D. Effect of concussion history and gender on athlete perceptions of the concussion battery. May 2017.
5. Teel EF. Differences in Balance and Neurocognitive Performance During a Single Task vs. a Dual Task. May 2011.

***Undergraduate Honor's Thesis Committees – Member (9)***

1. Sublett K. Neuromuscular Activation during High Injury-Risk Movements Performed in a Simulated Sport Environment by Athletes Cleared to Return to Play Following Anterior Cruciate Ligament Reconstruction. May 2022.
2. Dennis A. Associations among Social Physique Anxiety, Perfectionism, and Burnout in American Collegiate Dancers. May 2020.
3. Pieper H. Burnout Comparison Among Residents in Different Medical Specialties. May 2020.
4. Waldron S. Exploring early sport specialization: associations with physical and psychosocial health outcomes. May 2018.
5. Khan A. Movement efficiency in chronic ankle instability patients: examining the individual movement errors in Fusionetics and the Landing Error Scoring System. May 2018.
6. Moise K. The effects of player anticipation and involvement on head impact biomechanics in college football body collisions. May 2012.
7. Hemp K. Sex differences on measures of neurocognitive performance following an acute bout of soccer heading. May 2011.
8. Brody N. The reliability of three Nintendo Wii Fit balance games- A dual task approach to measuring postural control. May 2011.
9. Holmes K. An examination of concussion under-reporting in athletes. May 2008.

***Other Research Committees – Member (3)***

1. Castellano A. Video verification of head impacts in Middle School Sports. *Biomedical Engineering Research Experience*. May 2019.
2. Kinkaid A. Factors associated with initial medical decision making concerning length of observation in children presenting to Emergency Departments with head injury. *WakeMed/UNC Pediatric Emergency Medicine Fellowship Program*. August 2016.
3. Miller TD. Head Computed Tomography ordering practices in a network of community Emergency Departments. *WakeMed/UNC Pediatric Emergency Medicine Fellowship Program*. May 2014.

**G. GRANTS**

*Where no direct cost specified, total is equal to direct*

***Extramural Federal – Research Support***

**In Review**

2022-2024 Ingram B & Register-Mihalik JK (sponsor).

The Impact of Social Determinants of Health on Mild Traumatic Brain Injury in Emerging Adults National Institutes of Health–National Institute of Neurological Disorders and Stroke (NIH-NINDS) F31

Role: Sponsor, 0% FTE

Total: \$79,318 (***In Review***)

**Funded**

2021-2023 Ryan E, Smith-Ryan A, Padua D, **Register-Mihalik JK**, Weaver M.

Feasibility of a Train-the-Trainer Delivered Intervention in Firefighters

Centers for Disease Control and Prevention / National Center Institute for Occupational Safety and Health (CDC/NIOSH)

Role: Co-Investigator, 10% FTE

Total: \$152,293.00; Direct: \$275,000.000 (***Funded***)

2021-2026 Ryan E, Kucera K, Linnan, et al.

Total Worker Health Approach to Reduce Falls and Advance Fall Protection in Firefighters Centers for Disease Control and Prevention - National Institute for Occupational Safety and Health U19 Research Program – Cooperative Agreements

Role: Co-I, 3% FTE (years 4 and 5)

Project Total: \$1,437,482 s; Direct: \$934,704 (***Funded***)

2020-2023 **Register-Mihalik JK**, Mihalik JP, Depenbrock P, et al.

A Pragmatic Rehabilitation Intervention to Supplement Progressive Return to Activity following Mild Traumatic Brain Injury in Service Members (SMs): The Active Rehab Study Congressionally Directed Medical Research Programs/Clinical and Rehabilitative Medicine Research Program (CDMRP/JPC-8/CRM RP)

Role: PI, 22.5% FTE

Total: \$3,127,823; Direct: \$2,325,532 (***Funded***)

2020-2022 Schmidt JD, D’Lauro C, **Register-Mihalik JK**, et al.

Optimizing Concussion Care Seeking (OCCS) In Military Service Members and Athletes: A Machine Learning Approach Using CARE Consortium Data

Congressionally Directed Medical Research Programs/Joint Program Committee-6/Combat Casualty Care Research Program (CDMRP/JPC-6/CCCRP)/University of Georgia

Role: Site PI/Co-I, 55% Summer FTE

Total Subaward: \$129,913; Direct Subaward: \$83,545 (***Funded***)

2017-2021 Kerr ZY, **Register-Mihalik JK**, Marshall SW, et al.

Popular Opinion Leaders as a Sports Concussion Prevention Strategy in Middle Schools

Centers for Disease Control and Prevention/National Center for Injury Prevention and Control (CDC/NCIPC)

Role: Co-PI, 22.5% FTE

Amount: \$1,649,895; Direct - \$1,072,364 (***Funded***)

2016-2018 **Register-Mihalik JK**, Marshall SW, & Cameron K, et al.

Concussion Disclosure Behaviors, Attitudes, Norms, and Knowledge among Civilian and Military Emerging Adults.

National Collegiate Athletic Association & Department of Defense

Role: Lead PI, 10 % FTE

Amount: \$400,000.00; Direct - \$363,636.00 (***Funded***)

2014-2019 Marshall SW et al.

UNC-CH Injury Prevention Research Center

Centers for Disease Control and Prevention / National Center for Injury Prevention and Control (CDC/NCIPC)

1R49CE002479-01

Role: Project Co-Investigator, 11% FTE

Amount: \$4,011,500; \$653,239 for project; Project Direct - \$495,652.00 (***Funded***)

**Submitted – Not Funded**

2022-2026 Mihalik JP (Program PI) / Register-Mihalik (Project 1 PI)

Converging Optimization & Readiness through Translational Experiences (CORTEX) Program  
Congressionally Directed Medical Research Programs TBI/PH Focus Program Award

Role: Project PI (20%)

Amount: \$8,000,000; Direct: \$5,144,694 (***Not Funded***)

2022-2025 Schmidt JD, D’Lauro C, **Register-Mihalik JK**, et al.

Optimizing Concussion Care Seeking (OCCS) 2.0 In Military Service Members and Athletes  
Congressionally Directed Medical Research Programs/Clinical Trial Award/University of Georgia

Role: Site PI/Co-I, 10% FTE

Total Subaward: \$375,000; Direct Subaward: \$242,001 (***Not Funded***)

2021-2023 Callahan CE, Register-Mihalik JK, Kiefer A, DeFreese JD, Faurot K, Gaylord S.  
Association among Perceived Psychological Stress, Mindfulness and Clinical and Psychological Outcomes in Persistent Concussion Symptoms Patients

National Institutes of Health–National Institute of Neurological Disorders and Stroke (NIH-NINDS) F31

Role: Sponsor, 0% FTE

Total: \$75,012 (***Not Funded***)

2020-2021 Chandran, A., Kerr, Z.Y., **Register-Mihalik, J.K.**, et al.

Advanced Quantitative Examination of Racial and Ethnic Differences in TBI Characteristics, Identification, and Recovery Trajectories

Congressionally Directed Medical Research Programs/Joint Program Committee-6/Combat Casualty Care Research Program (CDMRP/JPC-6/CCCRP)

Role: Co-I, 20% FTE

Total: \$750,000.00; Direct: \$455,317.00 (***Not Funded***)

2019-2022 **Register-Mihalik JK**, Mihalik JP, Depenbrock P, et al.

A Pragmatic Functional Rehabilitation Intervention for Mild Traumatic Brain Injury in Service Members (SMs): The Active Rehab Study

Congressionally Directed Medical Research Programs/Clinical and Rehabilitative Medicine Research Program (CDMRP/JPC-8/CRM RP)

Role: PI, 22.5% FTE

Total: \$1,999,999; Direct: \$1,658,828 (***Not Funded***)

2018-2020 Ryan E, Smith-Ryan A, Padua D, **Register-Mihalik JK**, Weaver M.

Training the Trainer: Facilitating the Implementation of Evidence-Based Exercise to Reduce Fire Service Injuries.

National Institutes of Health (NIH)

Role: Co-Investigator, 10% FTE

Total: \$392,319.23; Direct: \$275,000.000 (***Not Funded***)

2017-2022 Swartz EE, Broglio SP, Marshall SW, **Register-Mihalik JK** et al.

The HuTT™ helmetless-tackling Training Program: Reduction of Head Impacts in Children Participating in Football

National Institutes of Health (University of New Hampshire)

Role: Co-Investigator, 5% FTE

Total Overall: \$2,223,385.00; UNC-CH Sub. Amount: \$565,530.00 UNC-CH Sub. Direct: \$385,793.00 (***Not Funded***)

2016-2019 Ryan E, Smith-Ryan A, Padua D, **Register-Mihalik JK**, Weaver M.

Training the Trainer: Improving the Implementation and Fidelity of Evidence-based Exercise to Reduce Fire Service Injuries.

Federal Emergency Management Agency (FEMA), Fire Prevention and Safety Research and Development Grants

Role: Co-Investigator, 10% FTE

Total: \$1,180,777.00; Direct: \$819,924.00 (***Not Funded***)

2016-2019 DiStefano LJ, **Register-Mihalik JK**, Casa D, et al.

Local Implementation of Comprehensive Best Practices for Safety in High School Sport Using a Response-Generated Web-Based Platform

National Institutes of Health (University of Connecticut)

Role: Co-Investigator/UNC-CH Site PI, 10% FTE

Total Overall: \$2,223,385.00; UNC-CH Sub. Amount: \$565,530.00 UNC-CH Sub. Direct: \$385,793 (***Not Funded***)

2016-2019 Marshall SW, **Register-Mihalik JK**, Gioia GG, McGill C et al.

Implementation and Effectiveness of CDC's Heads Up Concussion Initiative in Youth Sports



Organizations.

Centers for Disease Control and Prevention/National Center for Injury Prevention and Control (CDC/NCIPC)

Role: Co-PI, 20% FTE

Amount: \$1,650,000.00; Direct - \$1,303,730.00 (***Not Funded/Scored***)

2015-2017 Teel EF, Mihalik JP, Guskiewicz KM, **Register-Mihalik JK**, et al.

Can ACTIVE Rehabilitation Shorten Concussion Recovery?

National Institutes of Health–National Institute of Neurological Disorders and Stroke (NIH-NINDS) F31

Role: Co-Sponsor, No FTE

Amount: \$78,712.00 (***Not Funded***)

2013-2016 **Register-Mihalik, JK**, De Maio VJ, Mihalik JP, Guskiewicz KM, Bloom OJ, Wooten JD, Marshall SW

A Community-Based Approach to Identify Prognostic Indicators and Patient Centered Outcomes for Adolescent Athletes with Concussion.

Patient Centered Outcomes Research Institute

Role: PI, 15% FTE

Amount: \$1,236,590.00; Direct - \$253,587.00 (***Not funded***)

2013-2015 **Register-Mihalik JK**, De Maio VJ, Mihalik JP, Guskiewicz KM, Wooten JD, Marshall SW

Deficits Associated with Sport-Related Post-Concussion Syndrome in Adolescents.

National Institutes of Health–National Institute of Neurological Disorders and Stroke (NIH-NINDS) R03

Role: PI, 10% FTE

Amount: \$126,900.00; Direct - \$100,000.00 (***Not funded***).

2012-2014 **Register-Mihalik, JK**, De Maio VJ, Mihalik JP, Guskiewicz KM, Bloom OJ, Marshall SW.

A Community-Wide Data Template for Concussion Assessment.

National Institutes of Health–National Institute of Neurological Disorders and Stroke (NIH-NINDS) R03

Role: PI, 10% FTE

Amount: \$126,900.00; Direct - \$100,000.00 (***Not funded***).

2011-2014 Guskiewicz KM, Marshall S, Register-Mihalik JK, Kaufer D, **Mihalik JP**, et al.

A Prospective Study of Dual Task Rehabilitation Interventions for Treating Individuals with Traumatic Brain Injury.

Department of Defense (Congressionally-Directed Medical Research Program—CDMRP)

Role: Co-Investigator/Manager, 75% FTE

Amount: \$2,899,557.00; Direct - \$1,999,902.00 (***Not funded***)

***Extramural Foundation– Research Support***

**In Review**

2022-2023 Callahan, CE and Register-Mihalik JK  
Associations Among Perceived Stress, Mindfulness, and Concussion-Related Outcomes in Young Adults with Concussion History  
American College of Sports Medicine  
Role: Faculty/Dissertation Advisor and Co-Investigator, No FTE (doctoral grant)  
Amount: \$5,000 (***In Review***)

**Funded**

2019-2021 Vander Vegt, CB, Register-Mihalik JK, Appelbaum LG, et al.  
Pupillary Response as a Measure of Cognitive Efficiency: Implications for Concussion Management.  
National Athletic Trainers' Association Research and Education Foundation/University of Connecticut  
Role: Faculty/Dissertation Advisor and Co-Investigator, No FTE (doctoral grant)  
Amount: \$2,304.00; Direct - \$2,304.00 (***Funded***)

2018-2019 Kay MC, Register-Mihalik JK, Kerr ZY, et al.  
The CHAT Study  
National Athletic Trainers' Association Research and Education Foundation/University of Connecticut  
Role: Faculty/Dissertation Advisor and Co-Investigator, No FTE (doctoral grant)  
Amount: \$2,360.00; Direct - \$2,360.00 (***Funded***)

2018-2020 DiStefano LJ, **Register-Mihalik JK**, Stearns RA, et al.  
Secondary School Comprehensive Safety Initiative.  
National Athletic Trainers' Association Research and Education Foundation/University of Connecticut  
Role: Site PI/Co-Investigator, 5% FTE (cost-share)  
Amount: \$19,835.00 UNC-CH subcontract; Direct - \$17,248.00 (***Funded***)

2018-2020 Kucera KK, **Register-Mihalik JK**, and the NCCSIR Consortium  
Advancing Catastrophic Sport Injury Research through Detailed Investigations and Record Abstraction: National Center for Catastrophic Sport Injury Research.  
National Operating Committee on Standards for Athletic Equipment  
Role: Co-PI, 10% FTE  
Amount: \$100,000.00 (available for renewal annually); Direct: \$100,000.00 (***Funded: As Donation***)

2016 –2022 Kucera KK, **Register-Mihalik JK**, and the NCCSIR Consortium  
National Center for Catastrophic Sport Injury Research – College  
National Collegiate Athletic Association  
Role: Co-I, 10% FTE  
Amount: \$513,000.00; Direct: \$513,000.00 (***Funded***)

2016 –2022 Kucera KK, **Register-Mihalik JK**, and the NCCSIR Consortium  
National Center for Catastrophic Sport Injury Research – High School  
National Federation of State High School Associations

Role: Co-I, 10% FTE

Amount: \$105,000.00; Direct: \$105,000.00 (***Funded***)

2017-2019 Kerr ZY & **Register-Mihalik JK**

The Effect of and Compliance with the National Athletic Trainers' Association Inter-Association  
Task Force Pre-season Guidelines.

National Athletic Trainers' Association Research and Education Foundation

Role: Co-PI, 3% FTE

Amount: \$57,500.00; Direct - \$50,000.00 (***Funded***)

2016-2021 **Register-Mihalik JK**, McCrea MM, Guskiewicz KM et al.

Management and Treatment of Sport-Related Concussion: Early Multidimensional  
Rehabilitation versus Enhanced Graded Exertion – The Active Rehab Study

National Football League

Role: Co-PI, 25% FTE

Amount: \$2,599,957.00; Direct - \$2,442,809.00 (***Funded***)

2014-2016 **Register-Mihalik, JK**, De Maio VJ, Bloom OJ, Fonseca J, Guskiewicz KM,  
Marshall SW.

Prospective Evaluation of Pediatric Sport-Related Traumatic Brain Injury in the Community  
Practice Setting: Comparison of "Mild" and More Severe Injuries.

National Operating Committee on Standards for Athletic Equipment

Role: PI, 20% FTE

Amount: \$189,978.00; Direct - \$160,762.00 (***Funded***)

2014-2017 Kucera K, Guskiewicz K, **Register-Mihalik JK**, et al.

National Center for Catastrophic Sport Injury Research: Detailed Epidemiology of Selected  
Characteristics of Catastrophic Injuries

National Operating Committee on Standards for Athletic Equipment

Role: Co-Investigator, 33% Summer FTE

Amount: \$160,221.00; Direct - \$133,518.00 (***Funded***)

2013-2014 De Maio VJ, **Register-Mihalik JK**, Mann CH

Children's Head Injury Research Initiative Program.

WakeMed Foundation

Role: Co-Investigator, No FTE

Amount: \$3,800.00 (***Funded***)

2011-2013 **Register-Mihalik JK**, McLeod TC, Guksiewicz KM, Linnan LA, Marshall SW.

Understanding the Influence of Concussion Education on Knowledge, Attitudes, and Behaviors  
Concerning Concussion among Youth Athletes, Coaches, and Parents.

National Operating Committee on Standards for Athletic Equipment

Role: PI, 20% FTE

Amount: \$72,519.00; Direct - \$60,433.00 (***Funded***)

2008-2010 **Register-Mihalik JK**, Guskiewicz KM, Marshall SW, Linnan LA.  
An Assessment of High School Athletes' and Coaches' Knowledge, Attitudes, and Practices  
Concerning Sports-Related Concussion.

National Football League Charities

Role: Co-PI, No FTE

Amount: \$12,600.00; Direct - \$11,454.66 (***Funded***)

### **Submitted – Not Funded**

2017-2019 DiStefano LJ, **Register-Mihalik JK**, Stearns RA, et al.  
Secondary School Personnel Perceptions of and Experiences with Academic Accommodations  
after concussion: A Link to Patient Centered Care and Best Practices.

National Athletic Trainers' Association Research and Education Foundation/University of  
Connecticut

Role: Site PI/Co-Investigator, 3% FTE

Amount: \$14,603.00 UNC-CH subcontract; Direct - \$12,698.00 (***Not Funded***)

2015-2016 Welch C, McLeod TC, Kasamatsu T, **Register-Mihalik JK**.  
Secondary School Personnel Perceptions of and Experiences with Academic Accommodations  
after Concussion: A Link to Patient Centered Care and Best Practices.

National Athletic Trainers' Association Research and Education Foundation

Role: Site PI/Co-Investigator, 3% FTE

Amount: \$57,034.00 total/\$4,916.00 UNC-CH subcontract; Direct - \$4,275.00 (***Not Funded***)

2013-2014 De Maio VJ, **Register-Mihalik JK**, Mann CH  
Children's Head Injury Research Initiative Program.

Carolina Panthers

Role: Co-Investigator, No FTE

Amount: \$3,076.00 (***Not Funded***)

2010-2015 Guskiewicz KM, Marshall SW, Giovanello K, **Register-Mihalik JK**, et al.  
Neurological Effects of Concussion on High School, Collegiate, and Professional Football  
Players: A Longitudinal Study of the Playing Years and Beyond.

National Operating Committee on Standards for Athletic Equipment

Role: Co-Investigator/Study Coordinator, 25% FTE

Amount: \$2,505,349.80; Direct - \$2,192,661.00 (***Not Funded***)

2008-2009 **Register-Mihalik JK**, Guskiewicz KM, Marshall SW, Linnan LA.  
National Assessment of High School Athletes' and Coaches' Knowledge, Attitudes, and  
Practices Concerning Sports-Related Concussion.

National Athletic Trainers' Association Research and Education Foundation

Role: Co-PI, 10% FTE

Amount: \$88,591.02; Direct - \$77,035.67 (***Not Funded***)

***Intramural – Research Support***

**In Review**

2022-2024 Kiefer, Register-Mihalik, MacPherson et al.  
Digital Health Hub for Human Phenomics: NeuroHealth Promotion and Rehabilitation  
UNC-CH Office of the Vice Chancellor of Research Creativity Hubs  
Role: Co-Investigator, No direct FTE (matched)  
Amount 1 (Phase 1): \$5,000 (***Funded***)  
Amount 2 (Phase 2): \$500,000 (***In Review***)

**Funded**

2020 Deichmeister M, **Register-Mihalik JK**.  
Advanced Visual Performance and Autonomic Nervous System Function Measures in  
Concussion National Institutes of Health/T35-DK007386/UNC-CH Medical Student Research  
Program  
Role: Lead Mentor, No FTE  
Amount: \$3,820.00 (***Funded***)

2015 **Register-Mihalik JK**, Linnan LA, Padua DA, Guskiewicz KM, Mihás P.  
A Pilot In-Depth Analysis of Youth Sport Coaches' Perceptions of Sport Culture, Safety, and  
Injury Prevention.  
RJ Reynolds Industries, Inc. Junior Faculty Development Award  
Role: PI, No FTE  
Amount: \$7,500.00 (***Funded***)

2011-2013 **Register-Mihalik JK**, Guskiewicz KM, Mihalik JP, Giovanello K, Marshall S.  
Refining a Dual-Task Rehabilitation Program for Mild Traumatic Brain Injury.  
UNC-CH TraCS 10K Pilot Program.  
Role: Co-PI, No FTE  
Amount: \$10,000.00 (***Funded***)

2015-2016 Wooten N, **Register-Mihalik JK**, Wooten JD.  
A Community-Based Approach to Prevention and Management of Concussion in Youth Sport.  
National Institutes of Health/T35-DK007386/UNC-CH Medical Student Research Program  
Role: Lead Mentor, No FTE  
Amount: \$3,820.00 (***Funded***)

**Submitted – Not Funded**

2017-2018 Kucera KK, Davis A, **Register-Mihalik JK**, Cardigan J, Whipple, W, Wolff K.  
A Community-Based Approach to Prevention and Management of Concussion in Youth Sport.  
UNC-CH FIRE (Fostering Interdisciplinary Research Explorations) Grant  
Role: Co-I, no FTE  
Amount: \$22,034.00 (***Not Funded***)

2015-2018 **Register-Mihalik JK**, Linnan LA, Guskiewicz KM, Padua DA.  
A Community-Based Approach to Prevention and Management of Concussion in Youth Sport.  
UNC-CH CTSA (KL2 Scholar Program)  
Role: PI and Scholar, 75% FTE  
Amount: 75% FTE. (***Not Funded***)

2015-2017 **Register-Mihalik JK**, Linnan LA, Padua DA, Guskiewicz KM, Mihos P.  
A Pilot In-Depth Analysis of Youth Sport Administrators' Perceptions of Sport Culture, Safety,  
and Injury Prevention.  
UNC-CH University Research Council  
Role: PI, No FTE  
Amount: \$7,500.00 (***Not Funded***)

2011-2012 **Mihalik JP**, Guskiewicz KM, Register-Mihalik JK, Marshall SW, Gioia GA,  
Valovich McLeod TC.  
Sport-related concussion legislation smartphone application  
Office of the Vice Chancellor for Research & Innovate@Carolina (UNC-Chapel Hill)  
Role: Principal Investigator, No FTE  
Amount: \$40,000 (***Not Funded***)

### ***Industry/Contracted – Research Support***

#### **Submitted**

2020- Register-Mihalik JK  
CSI Brainstorming for the NATA-Intercollegiate Sport Player Health & Safety Initiative  
National Athletic Trainers' Association/University of Connecticut  
Role: Site PI.  
Amount: \$16,690.00 ; Direct \$15, 419.00 (***In Review***)

#### **Funded**

2013-2014 De Maio VJ, **Register-Mihalik JK**  
Sensitivity of ICD-9 diagnosis codes for traumatic brain injury.  
SciMetrika, LLC (Contracted research for the Centers for Disease Control and  
Prevention/National Center for Injury Prevention and Control - CDC/NCIPC).  
Role: Contracted Site Lead, 10% FTE  
Amount: \$28,956.00; Direct - \$22,800.00 (***Funded***)

## **H. PROFESSIONAL SERVICE**

### ***Leadership and Service to the Discipline***

*International Concussion Consensus Statement Group (for 2022)*

Systematic Review Team Member (Reviews: 5-Targeted Rehabilitation <1 month and 8-Return to Sport and Learn): 2019 to present

*USA Football*

Football Development Council: 2019 to 2021

*Centers for Disease Control and Prevention*

Invited Expert Reviewer: Report to congress on the management of TBI in children: 2016

Invited Expert Reviewer: Youth TBI Surveillance Survey: 2016 to present

*USA Baseball*

Medical and Safety Advisory Committee: 2014 to 2018

*Advocates for Injured Athletes*

Team of Experts: 2014 to present

*North Carolina Athletic Trainers' Association*

Professional Development Committee: 2014 to 2017

*National Athletic Trainers' Association & NATA Foundation*

NATA Convention Programming Committee: 2018 to present and 2013 to 2017

Task Force on Goal 6 of the Institute of Medicine's Report on Youth Concussion: 2014

NATA Foundation Pronouncements Committee: 2018 to present

NATA Foundation Research Committee: 2020 to present

*MomsTeam™ Institute*

Board of Advisors: 2013 to present

*Brain Injury Association of North Carolina*

Board of Directors: 2012 to 2019

*North Carolina High School Athletic Association*

Sports Medicine Advisory Committee: 2019 to present

Gfeller-Waller Concussion Awareness Act Team: 2011

North Carolina High School Sports Safety Task Force: 2008

*Section Editor and Editorial Boards*

Frontiers in Active Living and Sport – Associate Editor: 2021-present

Journal of Athletic Training – Editorial Board: 2018 to present

International Journal of Athletic Training & Therapy – Associate Editor: 2016 to present

Journal of Sport Rehabilitation – Editorial Board: 2019 to present

*Journal Peer Reviewer*

American Journal of Sports Medicine

Athletic Training and Sports Healthcare

International Journal of Sports Medicine

Journal of the American Medical Association - Pediatrics  
Journal of Athletic Training  
Journal of Child Neurology  
Journal of Primary Prevention  
Journal of Sport Rehabilitation  
Medicine & Science in Sport & Exercise  
Social Medicine

*Grant Reviewer*

NIH Special Emphasis Panel, 2020 (Federal)  
Centers for Disease Control Special Panel, 2020 (Federal)  
Eastern Athletic Trainers' Association  
National Athletic Trainers' Association Research and Education Foundation  
American Medical Society for Sports Medicine

***Within UNC-Chapel Hill***

*Departmental*

Transition to Remote Learning Task Force, 2020  
Blyth Lecture Committee, 2019 and 2020  
Teaching Assistant Professor (Anatomy/Physiology) Search Committee, 2018  
Human Movement Science Admissions Committee, 2017 to present  
Sports Psychology Faculty Search Committee, 2016  
Scholar Athlete Award Selection Committee, 2015  
Ronald W. Hyatt Scholarship Committee, 2011 and 2017

*University*

Administrative Board of the Library, 2022 to present  
Summer Undergraduate Research Fellowship (SURF) Reviewer 2018 and 2019  
Faculty Council Nominee, 2015  
WakeMed/UNC Pediatric Emergency Medicine Scholarship Committee, 2014 to 2017

***Community Engagement***

*Middle School and High School Engagement*

North Carolina School of Science and Math Mentor, 2018

Morehead Planetarium Afterschool Program Educational Session (April 8, 2016)

Duke School 8<sup>th</sup> Grade Capstone Experience Mentor – Camryn Dixon, 2015

***Invited Public Service-Based Presentations / Seminars (29)***

1. **Register-Mihalik JK.** Concussion Pathways and Women in Science. Carolina Women in STEM Group. (April 16, 2021).



2. **Register-Mihalik JK.** Concussion Prevention and Care. *Green Level High School Sports Interest Group.* (May 11, 2021).
3. **Register-Mihalik JK.** Active and Inclusive Teaching Practices in a Research Intensive Environment. *UNC-CH Human Movement Science Doctoral Seminar.* (August 31, 2018).
4. **Register-Mihalik JK.** Changing the Concussion Culture: Methodologies and Clinical Implications? *University of Wisconsin Kinesiology PhD Seminar.* Madison, WI. (February 16, 2018).
5. **Register-Mihalik, JK.** Rehabilitation after Concussion: Implications for Clinical Practice and Research. *Elon University.* Elon, NC. (September 19, 2017).
6. **Register-Mihalik JK.** Intervention Planning in Injury Research. *UNC-CH Injury Course Seminar.* Chapel Hill, NC. (September 8, 2016).
7. **Register-Mihalik JK.** Active Management of Concussion: A Research Approach. *Elon University Physical Therapy Program Research Seminar.* Elon, NC. (September 6, 2016).
8. **Register-Mihalik JK.** Concussion Research in Sports Medicine. *To: State Rep. Mike Hagler and staff.* Chapel Hill, NC (March 31, 2016).
9. **Register-Mihalik JK.** Community Concussion Updates: Where Do First Responders and Emergency Personnel Fit? *Capital Area Regional Advisory Committee Quarterly Educational Meeting.* Raleigh, NC. (November 15, 2015).
10. **Register-Mihalik JK.** Concussion Overview: From the Sideline to the Physician. *Brody School of Medicine's Physician Management of Sport-Related Concussions Event.* Greenville, NC. (June 4, 2015).
11. **Register-Mihalik JK.** Concussion Management: Evidence, Implementation, & Strategic Approaches. *USA Cheer Safety Council Meeting.* Cape Canaveral, FL. (April 12, 2015).
12. **Register-Mihalik JK & Bruce S.** Evidence Based Management of Concussion. *Southeastern Athletic Trainers' Association Student Symposium.* Atlanta, GA. (February 6, 2015).
13. **Register-Mihalik JK.** Culture Change and Concussion. *Brenner Children's Hospital Pediatric Trauma Symposium.* (October 22, 2014).
14. **Register-Mihalik JK.** Community Concussion Updates: A Head's Up on Research and Current Trends. *Capital Area Regional Advisory Committee Quarterly Educational Meeting.* Raleigh, NC. (August 16, 2013).

15. **Register-Mihalik JK.** Role of Divided Attention Tasks in the Assessment of Concussion. *National Athletic Trainers' Association Annual Meeting*. Las Vegas, NV. (June 24, 2013).
16. **Register-Mihalik JK** and De Maio VJ. A Head's Up on Concussion: Considering the Big Picture. *North Carolina Parks and Recreation Webinar Series*. Raleigh, NC. (May 21, 2013).
17. **Register-Mihalik JK.** Public Health Approaches to Concussion in Sport. *A.T. Still University Athletic Training Program*. Mesa, AZ. (May 7, 2013).
18. **Register-Mihalik JK.** Concussion Management a Big Picture Approach. *NC Athletic Directors Annual Conference*. Wilmington, NC. (March 19, 2013).
19. **Register-Mihalik JK.** Updates on Concussion Assessment and Management. *WakeMed Trauma Services Monthly Continuous QI Meeting*. Raleigh, NC. (February 8, 2013).
20. **Register-Mihalik JK.** Concussion in Sport. *Southeastern Athletic Trainers' Association Student Symposium*. Atlanta, GA. (February 1, 2013).
21. **Register-Mihalik JK.** Concussion Assessment and Management Updates. *North Carolina State University AHEC Student Health Services Grand Rounds*. Raleigh, NC. (August 14, 2012).
22. **Register-Mihalik JK.** Gfeller-Waller Concussion Awareness Act Updates. *North Carolina Governor's Council on Traumatic Brain Injury*. Raleigh, NC. (June 13, 2012).
23. **Register-Mihalik JK.** Current Updates and Research Concerning Concussion. *Moses Cone Hospital Pediatric Trauma Grand Rounds*. Greensboro, NC. (August 17, 2011).
24. **Register-Mihalik JK.** Concussion Education and Awareness in North Carolina. *North Carolina Legislature – First Annual Graduate Education Day*. Raleigh, NC. (May 25, 2011).
25. **Register-Mihalik JK.** Research and Clinical Updates on Traumatic Brain Injury in Sport. *East Carolina University Athletic Training Graduate Course*. Greenville, NC. (December 6, 2010).
26. **Register-Mihalik JK.** From the Playing Field and Back: A Comprehensive Approach to Evaluation and Management of Concussion. *Proaxis Physical Therapy and Greenville Hospital System Sports-Medicine Fellows Meeting*. Greenville, SC. (December 16, 2009).
27. **Register-Mihalik JK.** Sports-Related Concussion: The Hidden Epidemic. *Select Physical Therapy High School Athletic Trainers' Meeting*. Charlotte, NC. (December 7, 2009).

28. **Register-Mihalik JK.** Management of Catastrophic Brain Injuries in High School Athletics. *North Carolina High School Athletic Director's Association Annual Meeting.* Wilmington, NC. (March 31, 2009).
29. **Register-Mihalik JK.** The Profession of Athletic Training. *The University of North Carolina Health Care Profession Course.* Chapel Hill, NC. (November 11, 2006 and May 5, 2007).

*Selected Media Appearances*

Endeavors

UNC Chapel Hill Magazine

Divide and Conquer

<https://endeavors.unc.edu/divide-and-conquer/>

August 19, 2021 (online and print)

In Focus

Spectrum News

High School Football and Safety

Television

July 22, 2018

Endeavors

UNC Chapel Hill Magazine

Women in Science

<https://endeavors.unc.edu/johna-register-mihalik/>

January 24, 2018 (online)

Well Said: Concussions

UNC Media Well Said PodCast

URL: <http://www.unc.edu/spotlight/well-said-concussions/>

July 27, 2017

NFL Funds Concussion Study Led by UNC-Chapel Hill (multiple outlets)

Huffington Post (online), WCHL (online), WNCN (online and television), University Gazette (online and in print), GoodMen Project (online), UNC News (online), Carolina Alumni Review (online and in print), OIA News (online), American College of Sports Medicine (online)

- [http://www.huffingtonpost.com/entry/nfl-grant-funds-international-research-on-the-role\\_us\\_59735d10e4b0f1feb89b43c1](http://www.huffingtonpost.com/entry/nfl-grant-funds-international-research-on-the-role_us_59735d10e4b0f1feb89b43c1)
- <http://wncn.com/2017/06/15/unc-researchers-take-the-lead-in-concussion-research-project/>
- <https://chapelboro.com/news/unc/nfl-funds-concussion-study-led-unc-chapel-hill>
- <http://gazette.unc.edu/2017/06/20/carolina-will-help-lead-international-study-on-concussion-management/>

- <https://goodmenproject.com/health/nfl-grant-funds-international-research-role-active-rehabilitation-strategies-concussion-management-mlyd/>
- <http://uncnews.unc.edu/2017/06/14/nfl-grant-funds-international-research-role-active-rehabilitation-strategies-concussion-management/>
- <https://alumni.unc.edu/news/unc-to-co-direct-study-on-sports-concussion-rehab/>
- <http://oianews.com/how-unc-will-help-the-nfl-study-concussions>
- <http://cqrcengage.com/acsm/app/document/21905831>

Hundreds have died playing high school sports. Why NC ranks high for preventing more.

Charlotte Observer

URL: <http://www.charlotteobserver.com/news/local/article166083942.html>

August 8, 2017 (Online)

More teen knowledge about concussion may not increase reporting

Reuters (multiple outlets)

URL: <http://in.reuters.com/article/us-health-concussion-teen-athletes-idINKBN17N1U6>

April 21, 2017 (Online)

Cheerleaders second only to football players for injury risk

WRAL HighSchoolOT.com

URL: <http://www.highschoolot.com/cheerleaders-second-only-to-football-players-for-injury-risk/15596472/>

March 23, 2016 (Online)

When Concussion Casts a Shadow

Synapse Magazine

URL: <http://synapsemag.org/concussion-shadow/>

February 25, 2016 (Online and In print)

West Point and UNC Partner

Keller Army Hospital News

URL: [http://kach.amedd.army.mil/AboutUs/\\_layouts/mobile/dispform.aspx?List=47b935bf-  
ea54-40c6-8267-bd90d007510d&View=15d33ebc-d10b-4bf4-9ae5-87b1869ee3a9&ID=27](http://kach.amedd.army.mil/AboutUs/_layouts/mobile/dispform.aspx?List=47b935bf-<br/>ea54-40c6-8267-bd90d007510d&View=15d33ebc-d10b-4bf4-9ae5-87b1869ee3a9&ID=27)

February 17, 2016 (Online)

UNC, West Point team up for concussion research with \$400,000 grant

Daily Tarheel

URL: [http://www.dailytarheel.com/article/2016/02/unc-west-point-team-up-for-concussion-  
research-with-400000-grant](http://www.dailytarheel.com/article/2016/02/unc-west-point-team-up-for-concussion-<br/>research-with-400000-grant)

February 16, 2016 (Online)

Is Sarah Carlton's Story Common?

Charlotte News and Observer

<http://www.charlotteobserver.com/news/local/article36583332.html>  
October 15, 2016 (online)

UNC Leads Way in Concussion Research  
WRAL News  
URL: <http://www.wralsportsfan.com/a-concussion-will-give-you-a-headache-/12109687/>  
February 14, 2013 (Television and Online)

Underreporting of Concussion by High School Athletes Continues Despite Increased Education  
MomsTEAM Blog  
URL: <http://www.momsteam.com/health-safety/sports-concussion-safety/news-studies/underreporting-concussion-by-high-school-athlete>  
July 19, 2013 (Online)

NCADA Conference Day 2: Concussion Workshop  
Star News Online  
URL: <http://varsitynow.blogs.starnewsonline.com/21575/ncada-conference-day-2-concussions/>  
March 19, 2013 (Online)

Young Arms and Curveballs a Scientific Twist  
The New York Times  
URL: [http://www.nytimes.com/2012/03/12/sports/baseball/debate-grows-over-how-to-protect-young-pitching-arms.html?pagewanted=all&\\_r=0](http://www.nytimes.com/2012/03/12/sports/baseball/debate-grows-over-how-to-protect-young-pitching-arms.html?pagewanted=all&_r=0)  
March 11, 2012 (In Print and Online)

Injuries and Concussions in Female Sports  
WCHL Your Health  
URL: <http://www.youtube.com/watch?v=6TUfIKJsx5E>  
September 27, 2011 (Radio and Online)

Top 4 Health Menaces  
Men's Health  
URL: <http://health.yahoo.net/experts/menshealth/top-4-health-threats-2012>  
December 27, 2011 (In Print and Online)

***Other relevant professional and service experiences***

*Clinical Experience*

- The University of North Carolina**, Chapel Hill, NC  
Certified Athletic Trainer coordinating concussion clinic and assessment (2007-2012)
- The University of North Carolina**, Chapel Hill, NC  
Assistant Staff Athletic Trainer- Men's/Women's Tennis (2007)
- The University of North Carolina**, Chapel Hill, NC  
Graduate Assistant Certified Athletic Trainer (August 2004-May 2006)

Team coverage: Women's Basketball and Women's Lacrosse  
**The University of North Carolina**, Chapel Hill, NC Sports Camps (2005)  
Certified Athletic Trainer  
Camps: Women's Lacrosse, Softball  
**Spirit Express Cheerleading**, Chapel Hill, NC (Summer 2005)  
Certified Athletic Trainer  
**The University of Alabama**, Tuscaloosa, AL Sports Camps (2004)  
Certified Athletic Trainer

*Professional Organizations and Certifications*

**American College of Sports Medicine, Member**

August 2007-Present          Membership Number: 638068

**National Athletic Trainers' Association, Member**

January 2002-Present          Membership Number: 987732

**Board of Certification (for the Athletic Trainer), Certified Athletic Trainer**

June 2004-Present          Certification Number: 060402370

**North Carolina Board of Athletic Trainer Examiners, Licensed Athletic Trainer**

August 2004-Present          License Number: 0979