

ROBERT C. LYNALL, PhD, ATC

ADDRESS

Office: 369 Ramsey Student Center, The University of Georgia

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EDUCATION

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

PhD, Human Movement Science Curriculum, August 2016

Department of Allied Health Sciences, School of Medicine

Dissertation: *Functional Movement Deficits in Relation to Sport-Related Concussion*

Illinois State University, Normal, IL

Master of Science, Curriculum in Athletic Training, May 2012

School of Kinesiology and Recreation, College of Applied Science and Technology

Thesis: *Concussion Assessment and Management Techniques Employed by Athletic Trainers*

Illinois State University, Normal, IL

Bachelor of Science in Athletic Training, May 2010

School of Kinesiology and Recreation, College of Applied Science and Technology

ACADEMIC APPOINTMENTS and WORK HISTORY

The University of Georgia, Athens, GA

Department of Kinesiology, College of Education

Assistant Professor, August 2016 to Present

Graduate Faculty, August 2016 to Present

Co-director, UGA Concussion Research Laboratory

Co-director, UGA Biomechanics Laboratory

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

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

Instructor, August 2013 to June 2016

Teaching and Research Assistant, August 2012 to December 2015

Illinois State University, Normal, IL

School of Kinesiology and Recreation, College of Applied Science and Technology

Teaching Assistant, August 2011 to May 2012

Graduate Assistant Athletic Trainer, June 2010 to May 2012

Approved Clinical Instructor, Undergraduate Athletic Training Program, August 2010 to May 2012

United States Marine Corps, Havelock, NC & San Diego, CA

Honorable Discharge, September 2007 (5 years of active duty service)

Tour of duty in support of Operation Enduring Freedom (Iraq), 2006

KC-130J Crew Chief Instructor

Achieved the rank of Sergeant (E-5)

Numerous awards, including Navy Achievement Medal, Humanitarian Award, Operation Enduring Freedom Service Medal, multiple others

HONORS

- 2018 National Athletic Trainers' Association International Committee International Speaker Program
- 2017 Bone and Joint Initiative Young Investigator Initiative Grant Mentoring & Career Development Program
- 2015 Louis and Eleanor Duquette Human Movement Science Scholarship, The University of North Carolina at Chapel Hill
- 2015 NATA Foundation Doctoral Poster Presentation Award
- 2014 Outstanding Original Research Manuscript, *Thoracolumbar range of motion in baseball pitchers and position players*, International Journal of Sports Physical Therapy
- 2014 Finalist for NATA Foundation Doctoral Oral Presentation Award
- 2013 University of North Carolina at Chapel Hill GPSF Travel Award
- 2013 Finalist for NATA Foundation Doctoral Poster Presentation Award
- 2012 Doctoral Merit Assistantship, The University of North Carolina at Chapel Hill
- 2012 Jorndt Graduate Student/Faculty Research Award, Illinois State University
- 2011 Student – Mentor Award, Illinois Association for Health, Physical Education, Recreation, and Dance
- 2011 Graduate Student Award, Illinois Athletic Trainers' Association
- 2011 Marlene Mawson Graduate Research Potential Award, Illinois State University
- 2010 Robert C. Hamilton Award, Illinois Athletic Trainers' Association
- 2010 Winner, National Athletic Trainers' Association National Quiz Bowl
- 2010 Winner, Great Lakes Athletic Trainers' Association Quiz Bowl
- 2010 Iota Tau Alpha Honors Society, Beta Epsilon Chapter
- 2009 Winner, Illinois Athletic Trainers' Association Quiz Bowl
- 2009 Dean's List, Illinois State University
- 2009 Finalist for the Kathy Schniedwind Award, Illinois State University
- 2008 Dean's List, Illinois State University

SCHOLARSHIP***Book Chapters (4)***

Lynall RC & Schmidt JD. (2017). Head impact biomechanics in sport. In E.E. Hall & C.J. Ketcham (Eds.), *Concussions in athletics: Assessment, management and emerging issues*. Hauppauge, NY: Nova Science Publishers.

Mihalik JP, **Lynall RC**, & Guskiewicz KM. (2015). Brain injuries. In D. J. Casa (Ed.), *Preventing sudden death during sport and physical activity, 2nd Edition*. Boston, MA: Jones and Bartlett Learning.

Mihalik JP & **Lynall RC**. (2015). How do head impact indicators work and is there value in recommending that patients purchase them? In T. C. Valovich McLeod (Ed.), *Quick questions in sports-related concussion: Expert advice in sports medicine*. Thorofare, NJ: Slack, Inc.

Laudner K & **Lynall RC**. (2013). Protective Headgear in Sports. In Y. Hong (Ed.), *Handbook of ergonomics in sport and exercise*. London, United Kingdom: Routledge.

Refereed Articles in Review (8)

Weber ML, **Lynall RC**, Hoffman NL, Miller EH, Kaminski TW, Buckley T, Benjamin HJ, Miles CM, Whitlow CT, Lintner L, Broglio SP, McCrea M, McAllister T, Schmidt JD, & CARE Consortium Investigators. Health-related quality of life following concussion in collegiate student-Athletes with and without concussion history. *Annals of Biomedical Engineering* (in review)

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. (2018). Functional balance assessment in recreational college-aged individuals with a concussion history. *Journal of Science and Medicine in Sport* (in review).

Hoffman NL, O'Connor PJ, Schmidt MD, **Lynall RC**, Schmidt JD. (2018). Differences in sleep between concussed and non-concussed college students: A matched case-control study. *Sleep* (in review).

Mihalik JP, Teel EF, **Lynall RC**, & Wasserman EB. (2018). Balance Error Scoring System reliability and validity when performed with ice skates. *Journal of Athletic Training* (in review).

Combs PR, **Lynall RC**, Cools MJ, Marshall SW, Fonseca JC, Stevens JR, & Mihalik JP. (2018). Hyperbaric oxygen therapy to treat acute sport-related traumatic brain injuries: A case report. *Undersea and Hyperbaric Medicine* (in review).

Lempke LB, Weber ML, **Lynall RC**, & Schmidt JD. (2018). The influence of concussion knowledge on reporting intentions in collegiate student-athletes. *Journal of Athletic Training* (in review).

Minberg D, **Lynall RC**, Pietrosimone B, Mauntel TC, & Register-Mihalik JK. (2018). Concurrent validity of a smartphone balance test and force plate balance outcomes. *Medicine & Science in Sports & Exercise* (in review).

Biese K, Stanley L, Andrejchak M, **Lynall RC**, Wikstrom E, Padua DA. (2018). Creating a dynamic dual-task paradigm: The effects of cognitive testing on jump-landing performance. *Measurement in Physical Education and Exercise Science* (in review).

Refereed Articles (36)

Lynall RC, Gardner EC, Paolucci J, Currie DW, Pierpoint LA, Knowles SB, Wasserman EB, Dompier TP, Comstock RD, Marshall SW, Kerr ZY. (2018). The first decade of web-based sports injury surveillance: Descriptive epidemiology of injuries in US high school girls' field hockey (2008/09-2013/14) and NCAA women's field hockey (2004/05-2013/14). *J Athl Train*. doi: 10.4085/1062-6050-173-17.

Schmidt JD, **Lynall RC**, Lempke LB, Weber ML, & Devos H. (2018). Post-concussion driving behaviors and opinions: A survey of collegiate student-athletes. *J Neurotrauma*. doi: 10.1089/neu.2018.5707.

Howell DR, Buckley T, **Lynall RC**, & Meehan W. (2018). Worsening dual-task gait costs after concussion and their association with subsequent sport-related injury. *J Neurotrauma*. doi: 10.1089/neu.2017.5570.

Howell DR, **Lynall RC**, Buckley TA, & Herman DC. (2018). Neuromuscular Control Deficits and the Risk of Subsequent Injury after a Concussion: A Scoping Review. *Sports Med*. doi: 10.1007/s40279-018-0871-y.

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. (2018). Reaction Time and Joint Kinematics during Functional Movement in Recently Concussed Individuals. *Arch Phys Med Rehabil*. doi: 10.1016/j.apmr.2017.12.011.

Santo A, **Lynall RC**, Guskiewicz KM, & Mihalik JP. (2017). Clinical Utility of the Sport Concussion Assessment Tool 3 (SCAT3) Tandem-Gait Test in High School Athletes. *J Athl Train*. doi: 10.4085/1062-6050-52.11.26.

Lynall RC, Mauntel TC, Pohlig RT, Kerr ZY, Dompier TP, Hall EE, & Buckley TA. (2017). Lower Extremity Musculoskeletal Injury Risk After Concussion Recovery in High School Athletes. *J Athl Train*. doi: 10.4085/1062-6050-52.11.22.

Lynall RC, Mihalik JP, Pierpoint LA, Currie DW, Knowles SB, Wasserman EB, Dompier TP, Comstock RD, Marshall SW, Kerr ZY. (2017). The first decade of web-based sports injury surveillance: Descriptive epidemiology of injuries in US high school boys' ice hockey (2008/09-2013/14) and NCAA men's and women's ice hockey (2004/05-2013/14). *J Athl Train* (in press).

Lynall RC, Pietrosimone B, Kerr ZY, Mauntel TC, Mihalik JP, & Guskiewicz KM. (2017). Osteoarthritis Prevalence in Retired National Football League Players With a History of Concussion and Lower Extremity Injury. *J Athl Train*. 52(6), 518-525. doi: 10.4085/1062-6050-52.2.03.

Lynall RC, Campbell KR, Wasserman EB, Dompier TP, & Kerr Z. (2017). Concussion mechanisms and activities in youth, high school, and college football. *J Neurotrauma*. doi: 10.1089/neu.2017.5032.

Kerr ZY, **Lynall RC**, Roos KG, Dalton SL, Djoko A, & Dompier TP. (2017). Descriptive Epidemiology of Non-Time-Loss Injuries in Collegiate and High School Student-Athletes. *J Athl Train*. doi: 10.4085/1062-6050-52.2.15.

Lynall RC, Zukowski LA, Plummer P, & Mihalik JP. (2017). Reliability and validity of the protokinetics movement analysis software in measuring center of pressure during walking. *Gait Posture*. 52, 308-311. doi: 10.1016/j.gaitpost.2016.12.023.

Talarico MK, **Lynall RC**, Mauntel TC, Weinhold PS, Padua DA, & Mihalik JP. (2017). Static and dynamic single leg postural control performance during dual-task paradigms. *J Sports Sci*. 35(11), 1118-1124. doi: 10.1080/02640414.2016.1211307.

Mihalik JP, **Lynall RC**, Wasserman EB, Guskiewicz KM, & Marshall SW. (2017). Evaluating the "Threshold Theory": Can Head Impact Indicators Help? *Med Sci Sports Exerc*. 49(2), 247-253. doi: 10.1249/MSS.0000000000001089.

Kuo C, Wu LC, Hammor BT, Luck JF, Cutcliffe HC, **Lynall RC**, Kait JR, Campbell KR, Mihalik JP, Bass CR, & Camarillo DB. (2016). Effect of the mandible on mouthguard measurements of head kinematics. *J Biomech*. doi: 10.1016/j.jbiomech.2016.04.017.

Lynall RC, Clark MD, Grand EE, Stucker JC, Littleton AC, Aguilar AJ, Petschauer MA, Teel EF, & Mihalik JP. (2016). Head Impact Biomechanics in Women's College Soccer. *Med Sci Sports Exerc*. doi: 10.1249/MSS.0000000000000951.

Liao S, **Lynall RC**, & Mihalik JP. (2016). The Effect of Head Impact Location on Day of Diagnosed Concussion in College Football. *Med Sci Sports Exerc*. doi: 10.1249/MSS.0000000000000896.

Mihalik JP, **Lynall RC**, Fraser MA, Decoster LC, De Maio VJ, Patel AP, & Swartz EE. (2016). Football Equipment Removal Improves Chest Compression and Ventilation Efficacy. *Prehosp Emerg Care*, 1-6. doi: 10.3109/10903127.2016.1149649.

Lynall RC, Kerr ZY, Parr MS, Hackney AC, & Mihalik JP. (2016). Division I College Football Concussion Rates Are Higher at Higher Altitudes. *J Orthop Sports Phys Ther*. 46(2), 96-103. doi: 10.2519/jospt.2016.6315.

Kerr ZY, **Lynall RC**, Mauntel TC, & Dompier TP. (2016). High School Football Injury Rates and Services by Athletic Trainer Employment Status. *J Athl Train*. doi: 10.4085/1062-6050-51.3.02.

Lynall RC, Kerr ZY, Djoko A, Pluim BM, Hainline B, & Dompier TP. (2015). Epidemiology of National Collegiate Athletic Association men's and women's tennis injuries, 2009/2010-2014/2015. *Br J Sports Med*. doi: 10.1136/bjsports-2015-095360.

Lynall RC, Schmidt JD, Mihalik JP, & Guskiewicz KM. (2015). The Clinical Utility of a Concussion Rebaseline Protocol After Concussion Recovery. *Clin J Sport Med*. doi: 10.1097/JSM.0000000000000260.

Lynall RC, Mauntel TC, Padua DA, & Mihalik JP. (2015). Acute Lower Extremity Injury Rates Increase after Concussion in College Athletes. *Med Sci Sports Exerc.* 47(12), 2487-2492. doi: 10.1249/MSS.0000000000000716.

Lenhardt CS, Mihalik JP, **Lynall RC**, Fraser MA, Petschauer MA, & Swartz EE. (2015). The Effect of Football Shoulder Pad Removal Technique and Equipment Removal Training on Cervical Spine Motion, Time to Task Completion, and Perceived Task Difficulty. *Athletic Training and Sports Health Care.* 7(6), 232-241. doi: 10.3928/19425864-20151029-04.

Kerr ZY, Snook EM, **Lynall RC**, Dompier TP, Sales L, Parsons JT, & Hainline B. (2015). Concussion-Related Protocols and Preparticipation Assessments Used for Incoming Student-Athletes in National Collegiate Athletic Association Member Institutions. *J Athl Train.* 50(11), 1174-1181. doi: 10.4085/1062-6050-50.11.11.

Kerr ZY, Littleton AC, Cox LM, DeFreese JD, Varangis E, **Lynall RC**, Schmidt JD, Marshall SW, & Guskiewicz KM. (2015). Estimating Contact Exposure in Football Using the Head Impact Exposure Estimate. *J Neurotrauma.* 32(14), 1083-1089. doi: 10.1089/neu.2014.3666.

Lynall RC & Guskiewicz KM. (2015). Concussion research: new horizons. *Lancet Neurol,* 14(1), 14-16. doi: 10.1016/S1474-4422(14)70308-4 (*Invited article*).

Laudner K, Wong R, Onuki T, **Lynall RC**, & Meister K. (2015). The relationship between clinically measured hip rotational motion and shoulder biomechanics during the pitching motion. *J Sci Med Sport.* 18(5), 581-584. doi: 10.1016/j.jsams.2014.07.011.

Mihalik JP, **Lynall RC**, Teel EF, & Carneiro KA. (2014). Concussion management in soccer. *J Sport Health Sci.* 3(4), 307-313. doi: 10.1016/j.jshs.2014.07.005.

Laudner KG, **Lynall RC**, Frangella N, & Sharpe J. (2014). Comparison of impact characteristics of traditional style headgear and hockey style headgear for baseball catchers. *J Athl Enhancement.* 2014; 3:1.

Laudner KG, Selkow NM, Burke NC, **Lynall RC**, & Meister K. (2014). Decreased blood flow in the throwing arm of professional baseball pitchers. *J Shoulder Elbow Surg.* 23(12), 1753-1756. doi: 10.1016/j.jse.2014.03.007.

Laudner K, **Lynall RC**, Williams JG, Wong R, Onuki T, & Meister K. (2013). Thoracolumbar range of motion in baseball pitchers and position players. *Int J Sports Phys Ther.* 8(6), 777-783. **Winner, "Outstanding Original Research Manuscript Excellence Award," International Journal of Sports Physical Therapy.**

Lynall RC, Laudner KG, Mihalik JP, & Stanek JM. (2013). Concussion-assessment and -management techniques used by athletic trainers. *J Athl Train.* 48(6), 844-850. doi: 10.4085/1062-6050-48.6.04.

Stanek JM, Meyer J, & **Lynall RC**. (2013). Single-limb-balance difficulty on 4 commonly used rehabilitation devices. *J Sport Rehabil.* 22(4), 288-295.

Laudner K, **Lynall RC**, Williams J, Wong R, Onuki T, & Meister K. (2013). Radioulnar range of motion normative values for elite baseball players. *Int J Athl Ther Trai.* 18(6), 32-35.

Laudner KG, **Lynall RC**, & Meister K. (2013). Shoulder adaptations among pitchers and position players over the course of a competitive baseball season. *Clin J Sport Med.* 23(3), 184-189. doi: 10.1097/JSM.0b013e31826ab928.

Refereed Presentations and Published Abstracts (52)

Lempke LB, Weber ML, **Lynall RC**, Schmidt JD. The influence of concussion knowledge on reporting intentions in collegiate student-athletes. *2018 American Academy of Neurology Sports Concussion Conference.* Indianapolis, IN (July 20, 2018).

Lynall RC, Scott KH, & Johnson JS. The effect of a subsequent cognitive task on reaction time, gait velocity, and termination time during unplanned gait termination. *2018 World Congress of Biomechanics,* Dublin, Ireland (July 11, 2018).

Lynall RC, Anderson MN, Johnson RS, Lempke LB, & Schmidt JD. Head impact biomechanics in youth football: A preliminary comparison between age-matched tackle and flag football players. *2018 National Athletic Trainers' Association Annual Meeting and Clinical Symposium,* New Orleans, LA (June 27, 2018).

Johnson RS, Lempke LB, Anderson MN, Schmidt JD, & **Lynall RC**. A preliminary comparison of perceived and real head impacts in tackle and flag youth football. *2018 National Athletic Trainers' Association Annual Meeting and Clinical Symposium,* New Orleans, LA (June 27, 2018).

Howell DR, Buckley TA, **Lynall RC**, & Meehan WP. Dual-task gait costs after concussion and their association with subsequent injury. *2018 National Athletic Trainers' Association Annual Meeting and Clinical Symposium,* New Orleans, LA (June 27, 2018).

Feltner CO, Hoffman NL, Schmidt MD, O'Connor PJ, **Lynall RC**, & Schmidt JD. Relationship between post-concussion step counts and time to asymptomatic: A pilot study in college students. *2018 National Athletic Trainers' Association Annual Meeting and Clinical Symposium,* New Orleans, LA (June 27, 2018).

Biese KM, Stanley LE, Andrejchak M, **Lynall RC**, Wikstrom EA, & Padua DA. Creating a dynamic dual-task paradigm: The effects of a cognitive task on jump-landing performance. *2018 National Athletic Trainers' Association Annual Meeting and Clinical Symposium,* New Orleans, LA (June 27, 2018).

Lynall RC, Wasserman EB, Mauntel TC, Kerr ZY, Hall EE, & Buckley TA. No increased lower extremity injury risk following concussion in youth tackle football players. *2018 American College of Sports Medicine Annual Meeting,* Minneapolis, MN (May 30, 2018).

Combs PR, **Lynall RC**, Marshall SW, Fonseca J, Stevens JR, & Mihalik JP. Treating pediatric acute sport-related traumatic brain injuries with hyperbaric oxygen therapy: A case series. *2018 American College of Sports Medicine Annual Meeting,* Minneapolis, MN (May 30, 2018).

Barney TY, Hill JR, **Lynall RC**, & Zhang JJ. Marketing practices in National Junior College Athletic Association men's basketball programs: SWOT and PESTLE analyses. *Sports Entertainment & Venues Tomorrow Conference*, Columbia, SC (April 2018).

Lempke LB, Bartello AF, Anderson MA, Johnson RS, Schmidt JD, & **Lynall RC**. A preliminary comparison of head impact biomechanics between two youth tackle football age divisions. *2018 Southeast Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Atlanta, GA (March 9, 2018).

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. Functional reaction time following concussion. *2017 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Houston, TX (June 27, 2017).

Campbell KR, **Lynall RC**, Luck JF, Cutcliffe HC, Kait JR, Kuo C, Camarillo DB, Bass CR, & Mihalik JP. Peak resultant linear acceleration agreement Between common head impact sensor devices. *2017 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Houston, TX, (June 28, 2017).

Lynall RC, Campbell KR, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. Dynamic balance deficits following concussion. *2017 American College of Sports Medicine Annual Meeting*, Denver, CO (June 1, 2017).

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. Deficits in dynamic balance during tandem gait after concussion may be exacerbated by dual-tasks. *5th International Consensus Conference on Concussion in Sport*, Berlin, Germany (October 27, 2016).

Kuo C, Fanton F, Wu L, Luck JF, Cutcliffe HC, **Lynall RC**, Kait JR, Campbell KR, Mihalik JP, Bass CR, & Camarillo DB. (2015). Strain-based evaluation of an instrumented mouthguard. *2016 Biomedical Engineering Society Annual Meeting*, Minneapolis, MN (October 5, 2016).

Lynall RC, Wasserman EB, Campbell KR, Dompier TP, & Kerr ZY. Comparison of concussion injury mechanisms and contact types between youth, high school, and college football players. *2016 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Baltimore, MD (June 23, 2016).

Wasserman EB, **Lynall RC**, & Kerr ZY. Comparison of pitching injuries between NCAA softball and baseball pitchers, 2009/10 – 2014/15. *2016 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Baltimore, MD (June 23, 2016).

Rodrigo CJ, **Lynall RC**, Wasserman EB, Guskiewicz KM, & Mihalik JP. Repeat computerized neurocognitive testing in division I college athletes. *2016 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Baltimore, MD (June 23, 2016).

Mauntel TC, **Lynall RC**, Mihalik JP, & Padua DA. Neurocognitive function and non-contact anterior cruciate ligament injury risk. *2016 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Baltimore, MD (June 23, 2016).

Campbell KR, **Lynall RC**, Luck JF, Cutcliffe HC, Kait JR, Kuo C, Wu L, Camarillo DB, Bass CR, & Mihalik JP. Impact detection rate analysis of four head impact sensors. *2016 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Baltimore, MD (June 23, 2016).

Mihalik JP, Wasserman EB, **Lynall RC**, DeLellis SM, Kane SF, & Lutz R. The effect of concussion history and sex on vision and sensory performance in special operations forces personnel. *2015 Special Operations Medical & Scientific Assembly (SOMSA)*, Charlotte, NC (May 23, 2016).

Cutcliffe HC, Luck JF, Kait JR, Kuo C, Wu L, **Lynall RC**, Campbell KR, Camarillo DB, Mihalik JP, & Bass CR. Validation of an ear-based measurement system for head impact. *2015 Biomedical Engineering Society Annual Meeting*, Tampa, FL (October 8, 2015).

Kuo C, Wu L, Luck JF, Cutcliffe HC, **Lynall RC**, Kait JR, Campbell KR, Mihalik JP, Bass CR, & Camarillo DB. (2015). Ex vivo evaluation of an instrumented mouthguard. *2015 Biomedical Engineering Society Annual Meeting*, Tampa, FL (October 8, 2015).

Campbell KR, **Lynall RC**, Luck JF, Cutcliffe HC, Kait JR, Kuo C, Wu L, Camarillo DB, Bass CR, & Mihalik JP. Laboratory evaluation of the xPatch: Differences in outputs between the left and right patch in helmeted head impacts. *2015 Biomedical Engineering Society Annual Meeting*, Tampa, FL (October 8, 2015).

Lynall RC, Mauntel TC, Mihalik JP, & Padua DA. Increased acute lower extremity musculoskeletal injury rates following concussion. *2015 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO. **Winner, NATA Foundation Doctoral Poster Award** (June 25, 2015).

Littleton AC, Guskiewicz KM, **Lynall RC**, & Mihalik JP. Pass rate, effect of sex, and reliability across trials on the Standardized Concussion Assessment Tool 3 (SCAT3) tandem gait test in high school athletes. *2015 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO (June 25, 2015).

Teel EF, **Lynall RC**, Appelbaum LG, & Mihalik JP. The effect of sex, sport, and concussion history on vision and sensorimotor performance in healthy college athletes. *2015 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO (June 25, 2015).

Lynall RC, Mihalik JP, & Guskiewicz KM. Comparing head impact biomechanics between professional, college, and high school linemen: A preliminary investigation. *2015 American College of Sports Medicine Annual Meeting*, San Diego, CA (May 30, 2015).

Parr MS, **Lynall RC**, Kerr ZY, & Mihalik JP. The association between altitude and concussion injury rates in college football. *2015 American College of Sports Medicine Annual Meeting*, San Diego, CA (May 30, 2015).

Campbell KR, **Lynall RC**, Luck JF, Cutcliffe HC, Kait JR, Kuo C, Camarillo D, Bass CR, & Mihalik JP. Laboratory evaluation of the xPatch: Differences in outputs between the left and right patch in helmeted head impacts. *Human Movement Science Symposium*, Chapel Hill, NC (April 17, 2015).

Talarico MK, **Lynall RC**, Mauntel TC, Padua DA, Weinhold PS, & Mihalik JP. Static and dynamic single leg postural control performance during a dual-task paradigm. *Human Movement Science Symposium*, Chapel Hill, NC (April 17, 2015).

Mauntel TC, **Lynall RC**, Padua DA, & Mihalik JP. Neurocognitive function and non-contact anterior cruciate ligament injury risk. *Human Movement Science Symposium*, Chapel Hill, NC (April 17, 2015).

Kerr Z, Snook E, **Lynall RC**, & Dompier T. Concussion-related protocols utilized for incoming student-athletes in National Collegiate Athletic Association (NCAA) member institutions. *American Academy of Neurology Sports Concussion Conference*, Chicago, IL (July 12, 2014).

Kerr Z, Snook E, **Lynall RC**, & Dompier T. Baseline management of concussions in National Collegiate Athletic Association (NCAA) member institutions. *St. Vincent Health 9th Annual Research Symposium*, Indianapolis, IN (June 11, 2014).

Mihalik J, **Lynall RC**, Schmidt J, & Register-Mihalik J. The effect of concussion history and scholastic age on visual performance. *2014 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Indianapolis, IN (June 28, 2014).

Mauntel T, **Lynall RC**, Ney M, Kerr Z, Mihalik J, & Padua D. Traumatic brain injury does not increase subsequent risk of non-contact lower extremity injury. *2014 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Indianapolis, IN (June 27, 2014).

Lynall RC, Schmidt J, Mihalik J, & Guskiewicz K. Clinical utility of re-baseline computerized neurocognitive testing following concussion recovery. *2014 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Indianapolis, IN. **NATA Foundation Doctoral Oral Presentation Award Finalist** (June 26, 2014).

Teel E, **Lynall RC**, & Mihalik J. Concurrent validity of the balance error scoring system performed with skates. *2014 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Indianapolis, IN (June 26, 2014).

Lynall RC, Mihalik JP, Swartz EE, Decoster LC, Fraser MA, Patel AP, & De Maio VJ. Effectiveness of chest compressions in various football equipment conditions. *American College of Sports Medicine Annual Meeting*, Orlando, FL. *Medicine and Science in Sports and Exercise*, 46(5 Suppl), 741-742 (May 27-31, 2014).

Lynall RC, Mihalik J, Guskiewicz K, & Marshall S. The validity of head impact indicators to positively predict concussion. *2013 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Las Vegas, NV. **NATA Foundation Doctoral Poster Award Finalist** (June 27, 2013).

Laudner K, **Lynall RC**, Regan B, Onuki T, & Meister K. The relationship between clinically measured hip rotational motion and shoulder biomechanics during the pitching motion. *2013 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Las Vegas, NV (June 27, 2013).

Selkow N, Laudner K, & **Lynall RC**. Blood flow of the brachial artery: A bilateral comparison among baseball pitchers and position players. *2013 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Las Vegas, NV (June 25, 2013).

Laudner, K, Selkow, N, **Lynall RC**, & Meister K. Decreased blood flow in the throwing arm of baseball pitchers. *XXXII World Congress of Sports Medicine*, Rome, Italy (September 27, 2012).

Lynall RC, Laudner K, Mihalik J, & Stanek, J. Concussion assessment and management techniques employed by athletic trainers. *2012 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO. *Journal of Athletic Training*, 47(3), S176 (June 26, 2012).

Laudner K, **Lynall RC**, Williams J, & Meister K. Elbow range of motion adaptations among baseball pitchers and position players. *2012 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO. *Journal of Athletic Training*, 47(3) (June 26, 2012).

Lynall RC, Laudner K, & Meister K. Adaptations in scapular kinematics among pitchers and position players over the course of a baseball season. *2012 American College of Sports Medicine Annual Meeting*, San Francisco, CA. *Med Sci Sport Exercise*, 2012; 44: S600-S601 (June 1, 2012).

Lynall RC, Laudner K, Williams J, & Meister K. Thoracolumbar rotation range of motion affects shoulder range of motion in professional baseball players. *Illinois State University Graduate Research Symposium*, Normal, IL (April 13, 2012).

Morgan L, Laudner K, **Lynall RC**, & Meister K. Adaptations in scapular kinematics among pitchers and position players over the course of a baseball season. *Illinois State University Graduate Research Symposium*, Normal, IL (April 13, 2012).

Woodruff E, Laudner K, **Lynall RC**, Williams J, & Meister K. Forearm rotational motion adaptations among baseball pitchers and position players. *Illinois State University Graduate Research Symposium*, Normal, IL (April 13, 2012).

Lynall RC & Laudner K. Comparison of baseball catcher headgear. *Illinois Association for Health, Physical Education, Recreation, and Dance Annual Meeting*, St. Charles, IL (November 17, 2011).

Lynall RC, Laudner K, Mihalik J, & Stanek J. Concussion assessment and management techniques employed by athletic trainers. *Illinois State University Graduate Research Symposium*, Normal, IL (March 25, 2011).

Non-Refereed Publications (3)

Lynall RC. “Concussion Frequency on the Prevalence of Osteoarthritis in a Cohort of Retired National Football League Players.” *EXSS Impact Blog* (2016): <https://uncexss.wordpress.com/2016/04/25/concussion-frequency-on-the-prevalence-of-osteoarthritis-in-a-cohort-of-retired-national-football-league-players/>

Lynall RC. “Acute Lower Extremity Musculoskeletal Injury Rates Increase Following Concussion.” *EXSS Impact Blog* (2015): <https://uncexss.wordpress.com/2015/03/23/acute-lower-extremity-musculoskeletal-injury-rates-increase-following-concussion/>.

Lynall RC. “Concussion Signs and Symptoms.” *Student Athlete 2Day*, 2013: <http://studentathlete2day.com/>.

Invited Scholarly Presentations (18)

Lynall RC. “Dual-task, Concussion, and Sports Injuries: Musculoskeletal Injury Risk following Concussion.” World Congress of Biomechanics, Dublin, Ireland (July 11, 2018).

Buckley TA, Howell DR, & **Lynall RC.** “Dynamic Movement Deficits after Concussion and their Potential Consequences.” European College of Sport Science, Dublin, Ireland (July 5, 2018).

Lynall RC. “Brains and Sprains: Musculoskeletal Injury Risk Following Concussion.” Nebraska State Athletic Trainers’ Association Summer Education Conference, Lincoln, NE (June 8, 2018).

Lynall RC. “The Science Behind Head Impact Indicators: Will They Improve Your Clinical Practice.” Nebraska State Athletic Trainers’ Association Summer Education Conference, Lincoln, NE (June 8, 2018).

Lynall RC & Howell DR. “Concussion and Subsequent Musculoskeletal Injury: Incidence and Mechanisms.” American College of Sports Medicine Annual Meeting, Minneapolis, MN (May 2018).

Lynall RC, Howell DR, & Buckley TA. “Dynamic Balance Deficits Beyond Concussion Recovery and their Potential Consequences.” National Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Houston, TX (June 27, 2017).

Lynall RC. “Technology’s Role in the Prevention, Identification, and Management of Sport-related Concussion.” *Lunchtime Keynote*. 11th Annual Global Educational Forum: Engineering, Education, and Technology in Human Development and Sport, Athens, GA (March 28, 2017).

Lynall RC. “Musculoskeletal Injury Risk Following Concussion.” Southeast Athletic Trainers’ Association Annual Meeting, Atlanta, GA (March 10, 2017).

Howell DR, **Lynall RC**, Buckley TA, & Herman D. “Are We Missing Something After Concussion? Identifying Lingering Balance Control and Cognitive Deficits and their Potential Consequences.” American Society of Biomechanics Annual Meeting, Raleigh, NC (August 4, 2016).

Lynall RC & Campbell KR. “When the Lights Turn On You Have a Concussion: Is it that Simple?” National Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Baltimore, MD (June 22, 2016).

Lynall RC. “Concussion and Musculoskeletal Injury Risk” Elon BrainCARE Symposium, Elon, NC (February 25, 2016).

Lynall RC. “Is there a Link between Concussion and Lower Extremity Injury Risk?” North Carolina Athletic Trainers’ Association Fall Symposium, Winston-Salem, NC (November 7, 2015).

Lynall RC. “Head Impact Biomechanics: Are Head Impact Indicators Ready for Primetime?” National Athletic Trainers’ Association Live Webinar (April 27, 2015).

Lynall RC. “Head Impact Biomechanics and Head Impact Indicators.” University of North Carolina at Chapel Hill Sports Medicine Seminar, Chapel Hill, NC (February 28, 2015).

Lynall RC & Mauntel TC. “Concussion and Movement Dysfunction: Linking Concussion to Injury Risk.” North Carolina Athletic Trainers’ Association Fall Symposium, Raleigh, NC (November 22, 2014).

Schmidt JD & **Lynall RC**. “Concussion Evaluation: Baseline Values vs. Normative Values.” National Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Indianapolis, IN (June 28, 2014).

Lynall RC. “Head Injury Biomechanics in Sport.” Mid-Atlantic Athletic Trainers’ Association Annual Symposium, Virginia Beach, VA (May 10, 2014).

Lynall RC. “Understanding and Applying the Zurich Consensus Recommendations.” Brain Injury Association of South Carolina Concussion Conference, Columbia, SC (March 17, 2014).

Non-Refereed Presentations (2)

Lynall RC. “Lower Limb Injury Risk after Concussion.” Dr. Andy Franklyn-Miller Sports Medicine Podcast (August 4, 2015). <https://itunes.apple.com/gb/podcast/lower-limb-injury-risk-after/id641259017?i=348771071>.

Lynall RC. “The Gfeller-Waller Concussion Awareness Act.” Terry Sanford High School, Fayetteville, NC (September 9, 2013).

Research and Academic Service

Department of Kinesiology – University of Georgia

Joan B. Neal Undergraduate Scholarship Award Committee Member
Mary Ella Lunday Soule Undergraduate Scholarship Award Committee Member
Search Committee: Athletic Training Clinical Faculty position
UGA Athletics Electronic Medical Record Transition Committee Member
Mary Ella Lunday Soule Graduate Scholarship Award Committee Member
Strategic Plan: Graduate Instruction Ad Hoc Work Group

Human Movement Science Curriculum – The University of North Carolina at Chapel Hill

Human Movement Science Symposium Planning Committee Co-Chair (2015)
Human Movement Science Curriculum Task Force Committee Member (2013-2014)

Journal Peer Reviewer

New England Journal of Medicine
Journal of Neurotrauma
Medicine and Science in Sport and Exercise
Annals of Biomedical Engineering
American Journal of Sports Medicine
Gait & Posture
Sports Medicine
Journal of Athletic Training
Brain Injury
PLOS ONE
Sports Medicine Open
Journal of Orthopaedic & Sports Physical Therapy
Neuroepidemiology
International Journal of Psychophysiology
Journal of Sport, Exercise, and Performance Psychology
Sports Health
Journal of Applied Biomechanics
Journal of Sport and Health Science
Journal of Sport Rehabilitation
International Journal of Athletic Therapy & Training
Athletic Training and Sports Health Care
International Journal of Sports Physical Therapy
British Medical Journal Open Sport and Exercise Medicine
Concussion

Symposium and Conference Moderator

National Athletic Trainers' Association Annual Meeting (June 2018)
National Athletic Trainers' Association Annual Meeting (June 2017)
National Athletic Trainers' Association Annual Meeting (June 2016)
3rd Matthew Gfeller Sport-Related Neurotrauma Symposium (March 2015)
National Athletic Trainers' Association Annual Meeting (June 2014)
Human Movement Science Symposium (March 2014)
2nd Matthew Gfeller Sport-Related Neurotrauma Symposium (March 2013)

Continuing Education Unit Question Author

Journal of Athletic Training

TEACHING RECORD

Curricular Experience

The University of Georgia, Athens, GA.

Department of Kinesiology

Upper Extremity Injury Evaluation in Athletic Training (KINS 3200); Spring 2017, Spring 2018

Applied Biomechanics (KINS 3600); Fall 2016, Spring 2017, Spring 2018

Research Seminar in Kinesiology (KINS 8990); Spring 2017, Spring 2018

Lower Extremity Injury Evaluation in Athletic Training (KINS 3100); Fall 2016, Fall 2017

First Year Odyssey Seminar (FYOS 1001); Fall 2017

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

Department of Exercise and Sport Science

Emergency Care of Athletic Injuries and Illnesses (EXSS 288); Spring 2016, Summer 2016

Applied Statistics and Research Methods (EXSS 700); Fall 2015 (teaching assistant)

Research in Sports Medicine (EXSS 705); Spring 2015 (teaching assistant)

Fundamentals of Athletic Training (EXSS 265L); Spring 2014

Fundamentals of Athletic Training (EXSS 265); Spring 2014 (teaching assistant)

Emergency Care of Injuries and Illness (EXSS 188); Fall 2013

Biomechanics of Sport (EXSS 385); Fall 2012 (teaching assistant)

Illinois State University, Normal, IL.

School of Kinesiology and Recreation

Evaluation of Athletic Injuries: Upper Extremity (KNR 388); Spring 2012 (teaching assistant)

Evaluation of Athletic Injuries: Lower Extremity (KNR 387); Fall 2011 (teaching assistant)

Anatomy and Physiology I (KNR 181) and Anatomy and Physiology II (182), 2010; tutor, Julia N. Visor Academic Center

Approved Clinical Instructor; Illinois State University Athletic Training Education Program, 2010-2012

Graduate, Undergraduate, and High School Honors Thesis Committees (12)

Powers R. Return to learn following concussion in high school student-athletes. MA in Communication Sciences and Disorders, expected May 2019. *Committee member.*

Howard C. Risk factors for musculoskeletal injury after concussion. Master's degree in Athletic Training, University of Delaware, May 2018. *Committee member.*

Hoffman N. Quantifying sleep and sleep quality during concussion recovery. PhD in Kinesiology, May 2018. *Committee member.*

Barney T. Communication strategies in National Junior College Athletic Association schools. PhD in Kinesiology, December 2017. *Committee member.*

Mincberg D. Correlating smartphone and traditional force plates measures of balance. Master's degree in Athletic Training, May 2016. *Committee member.*

Lennon A. Concurrent validity of 2 commercially available head impact monitoring systems. Master's degree in Athletic Training, May 2015. *Committee member.*

Talarico M. Deficits during functional tasks following sport-related traumatic brain injury. Master's degree in Biomedical Engineering, May 2015. Published in *Journal of Sport Sciences* (2016). *Committee member.*

Stucker J. Magnitude of head accelerations in collegiate women's soccer players. Master's degree in Athletic Training, May 2015. Published in *Medicine & Science in Sports & Exercise* (2016). *Ex-officio.*

Lenhardt C. The effect of football shoulder pad design and equipment removal training on cervical spine motion, time, and difficulty. Master's degree in Athletic Training, May 2014. Published in *Athletic Training and Sports Health Care* (2015). *Committee member.*

Gilrein T. Reliability of the Nike SPARQ Sensory Station. Master's degree in Athletic Training, May 2014. *Ex-officio.*

Ikoma M. Comparison of reliable change indices of CNS Vital Signs for different ranges of baseline scores. Undergraduate degree in Athletic Training, May 2014. *Ex-officio.*

Liao S. The contribution of impact location to concussion in collegiate football. High School Degree, June 2014. Published in *Medicine & Science in Sports & Exercise* (2016).

GRANT ACTIVITY

Current/Pending Funding (2)

Lynall RC, Anderson MA, Johnson R, Lempke L, & Schmidt JD. Simple vs. Dynamic Reaction Time: The Evolution of Concussion Assessment.

UGA College of Education Early Career Faculty Research Grant

Role: Principal Investigator

Amount: \$5,000

Funded: March 2018

Funding Start Date: July 1, 2018

Zhang J, McCullick BA, Mojock CD, Qian Y, Kim E, Johnson LM, O'Connor PJ, Baker III TA, Salaga S, Tomporowski PD, Schempp P, **Lynall RC**, Mastromartino B, Chou W, & Kim A. Advancing coaching effectiveness through the 'Elite Coach Training Program.'

General Administration of Sport, China

Role: Co-Investigator

Amount: \$143,208

Submitted: March 2018

Funding Start Date: August 1, 2018

In Review (4)

Lynall RC, Schmidt JD, & Modlesky CM. Changes in Brain Physiology Associated with Youth Flag Football: A Pilot Study.

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

Role: Principal Investigator

Amount: \$59,661

Submitted: April 2018 (Invited for full submission September 2018)

Mauntel TC, **Lynall RC**, Hendershot BD, Kardouni JR, Call JA, Singh T, Dickens JF, & Brooks DI. Post-Concussion Neuromuscular Function and Musculoskeletal Injury Risk.

Defense Medical Research and Development Program, Clinical Research Intramural Initiative, Military Performance Optimization Research Award (DHA18CRIIMPORA)

Role: Co-Investigator (site PI)

Amount: \$1,248,305 (\$509,486 University of Georgia subcontract)

Submitted: April 2018 (Invited for full submission July 2018)

Lynall RC, Mauntel TC, Schmidt JD, Meehan W, & Buckley TA. Neurocognitive Function and Musculoskeletal Injury in Physically Active Service Members and Civilians.

Defense Medical Research and Development Program, Investigator-Initiated Research Award (W81XWH18PRMRPIIRA)

Role: Principal Investigator

Amount: Pre-application, no budget requested (up to \$1,500,000)

Submitted: June 2018 (Invited for full submission September 2018)

Buckley TA, **Lynall RC**, Munkasy B, Meehan WP, Kerr ZY, Schmidt JD, & Pohlig R. Determinants of Concussion Recovery and Predictors of Subsequent Musculoskeletal Injuries.

National Institutes of Health (NIH), R01 – NS105711-01A1

Role: Co-Investigator (site PI)

Amount: \$3,405,306 (\$523,631 University of Georgia subcontract)

Submitted: July 2018

Previous Support (4)

Lynall RC & Mihalik JP. Functional movement deficits following sport-related concussion.

American College of Sports Medicine Foundation Clinical Sports Medicine Endowment

Role: Principal Investigator

Amount: \$4,995 (*Funded July 1, 2015 – June 30, 2016*)

Submitted: January 2015

Mihalik JP & **Lynall RC**. Acute tandem gait deficits following sport-related traumatic brain injury in high school athletes.

UNC-Chapel Hill Junior Faculty Development Award

Role: Co-Principal Investigator

Amount: \$7,500 (*Funded January 1, 2014 – January 1, 2016*)

Submitted: October 2014

Guskiewicz KM, Mihalik JP, & **Lynall RC**. On-Field monitoring and recording of head impacts sustained by NFL players.

National Football League

Role: Co-Investigator

Amount: \$498,214 (*Funded October 1, 2013 – September 30, 2015*)

Submitted: August 2013

Lynall RC, Laudner K, Mihalik JP, & Stanek J. Concussion assessment and management practices among certified athletic trainers.

Illinois State University Graduate School

Role: Principal Investigator

Amount: \$200 (*Funded January 1, 2010 – December 31, 2010*)

Submitted: November 2010

Support Not Funded (15)

Miller SL, Schmidt JD, **Lynall RC**, Rathbun S, & Phillips B. Long term structural and functional brain effects of sport concussion in aging.

National Institutes of Health, R01

Role: Co-Investigator

Amount: \$2,424,143

Submitted: February 2018

Lynall RC, Schmidt JD, & Cameron KL. A longitudinal investigation of dynamic movement following concussion.

National Institutes of Health, R21 – NS109467-01

Role: Principal Investigator

Amount: \$274,734

Submitted: February 2018

Lynall RC, Schmidt JD, Call JA, & McCully KK. Neurophysiologic contributors to functional movement and dynamic balance deficits post-concussion.

University of Georgia Junior Faculty Seed Grant in STEM

Role: Primary Investigator

Amount: \$14,950

Submitted: February 2018

Lynall RC, Call JA, Schmidt JD, & McCully KK. Neurophysiologic Contributors to Functional Movement Deficits Post-Concussion: Refining Post-Injury Assessment to Improve Patient Outcomes.

Clinical Translation and Research Unit, the University of Georgia

Role: Principal Investigator

Amount: \$21,619

Submitted: August 2017

Buckley TA, **Lynall RC**, Munkasy B, Hall EE, Ketcham CJ, Vallabhajosula S, Howell DR, Meehan WP, Kerr ZY, Schmidt JD, & Pohlig R. Determinants of Concussion Recovery and Predictors of Subsequent Musculoskeletal Injuries.

National Institutes of Health (NIH), R01 – NS105711-01

Role: Co-Investigator

Amount: \$3,405,306 (\$519,176 University of Georgia subcontract)

Submitted: June 2017

Lynall RC, Schmidt JD, Call JA, Buckley TA, & Howell DR. Neuromuscular Control following Concussion: Refining Post-Injury Assessment to Improve Patient Outcomes.

Pew Scholars Program in the Biomedical Sciences

Role: Principal Investigator

Amount: \$240,000

Submitted: June 2017

Lynall RC, Schmidt JD, Valovich McLeod T, Murray N, Miller LS, & Wasserman EB. Youth Sport Concussion Prevention: An Incentivized Data-driven Intervention Approach.

Centers for Disease Control and Prevention; Funding Opportunity RFA-CE-17-002

Role: Co-Principal Investigator

Amount: \$1,648,541

Submitted: February 2017

Lynall RC, Schmidt JD, Murray N, LaPlaca M, & Valovich McLeod T. Tackle vs. Flag Youth Football: On-field Head Impact Exposure and Risk Perceptions.

National Athletic Trainers' Association Research and Education Foundation New Investigator Award

Role: Principal Investigator

Amount: \$22,880

Submitted: February 2017

O'Brien KH, **Lynall RC**, Schmidt JD, Miller LS, and Courson R. Project TIME: A Transdisciplinary Investigation into Memory Effects of Concussion.

University of Georgia President's Seed Grant Program

Role: Co-Investigator

Amount: \$97,311

Submitted: March 2017

Schmidt JD, **Lynall RC**, Murray N, Munkasy B, LaPlaca M, & Valovich McLeod T. Georgia Sports Concussion Research Coalition: Youth Football Safety Initiative

Centers for Disease Control and Prevention, Broad Agency Announcement 2016-N-17798

Role: Co-Principal Investigator

Amount: \$648,900 (*Initial white paper invited for full review. Full project not funded*)

Submitted: August 2016

Lynall RC, Cutcliffe H, Campbell K, Mihalik J, Bass C, & Luck J. Head impact: How do we determine ‘bad’?

Kenan-Biddle Partnership (Duke University and the University of North Carolina at Chapel Hill)

Role: Co-Principal Investigator

Amount: \$5,000 (*Not funded*)

Submitted: October 2014

Lynall RC & Mihalik JP. Tandem gait deficits following sport-related traumatic brain injury.

Mid-Atlantic Athletic Trainers’ Association

Role: Principal Investigator

Amount: \$1,995 (*Not funded*)

Submitted: September 2014

Lynall RC, Mihalik JP, Guskiewicz KM, & Marshall S. Deficits during tandem gait associated with sport-related traumatic brain injury.

National Institutes of Health (NIH), F31 – 1F31NS089353-01

Role: Principal Investigator

Amount: \$76,137 (*Not funded*)

Submitted: April 2014

Lynall RC & Mihalik J. Effect of soccer heading and head impact biomechanics on clinical measures of concussion.

National Athletic Trainers’ Association Research and Education Foundation

Role: Principal Investigator

Amount: \$2,500 (*Not Funded*)

Submitted: February 2014

Lynall RC, Laudner K, Mihalik J, & Stanek J. Concussion assessment and management practices among certified athletic trainers.

Great Lakes Athletic Trainers’ Association

Role: Principal Investigator

Amount: \$1,000 (*Not funded*)

Submitted: January 2011

Grant Reviewer (1)

National Athletic Trainers’ Association Research and Education Foundation

CLINICAL EXPERIENCE

University of Georgia, Athens, GA

Athletics Association and University Health Center’s concussion liaison (2016-Present)

University Health Center Concussion Evaluation Clinic (2016-Present)

Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center, Chapel Hill, NC

The University of North Carolina Concussion Protocol injury evaluations (2012-2016)

Concussion Clinic (2012-2016)

Carolina Jr. Hurricanes Hockey, Raleigh, NC

Certified Athletic Trainer (2012- 2014)

Illinois State University, Normal, IL

Certified Athletic Trainer (2010- 2012)

Graduate Assistant Athletic Trainer: Football, Men's Tennis, and Women's Tennis (2010-2012)

Student Athletic Trainer (2008-2010)

Brock Spack Football Camps, Normal, IL

Certified Athletic Trainer (Summer 2010 and 2011)

Midwest Orthopedic Center and Peoria Pirates Arena Football Team, Peoria, IL

Athletic Training Intern (Summer 2009)

CONTINUING EDUCATION

World Congress of Biomechanics (Dublin, Ireland; July 2018)

European Congress of Sports Science (Dublin, Ireland; July 2018)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (New Orleans, LA; June 2018)

American College of Sports Medicine Annual Meeting (Minneapolis, MN; May 2018)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (Houston, TX; June 2017)

American College of Sports Medicine Annual Meeting (Denver, CO; May 2017)

4th Annual Pediatric Research in Sports Medicine Society (PRiSM) Meeting (Dallas, TX, January 2017)

5th International Consensus Conference on Concussion in Sport (Berlin, Germany; October 2016)

American Society of Biomechanics Annual Meeting (Raleigh, NC; August 2016)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (Baltimore, MD; June 2016)

Human Movement Science Research Symposium (Chapel Hill, NC; April 2016)

Biomedical Engineering Society Annual Meeting (Tampa, FL; October 2015)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (St. Louis, MO; June 2015)

American College of Sports Medicine Annual Meeting (San Diego, CA; May 2015)

Human Movement Science Research Symposium (Chapel Hill, NC; April 2015)

3rd Matthew Gfeller Sport-Related Neurotrauma Symposium (Chapel Hill, NC; March 2015)

North Carolina Athletic Trainers' Association Fall Symposium (Raleigh, NC; May 2014)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (Indianapolis, IN; June 2014)

American College of Sports Medicine Annual Meeting (Orlando, FL; May 2014)

Mid-Atlantic Athletic Trainers' Association Annual Meeting (Virginia Beach, VA; May 2014)

Brain Injury Association of South Carolina Concussion Management for Secondary School Professionals (Columbia, SC; March 2014)

Human Movement Science Symposium (Chapel Hill, NC; February 2014)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (Las Vegas, NV; June 2013)

2nd Matthew Gfeller Sport-Related Neurotrauma Symposium (Chapel Hill, NC; March 2013)

Human Movement Science Symposium (Chapel Hill, NC; February 2013)

National Athletic Trainers' Association Annual Meeting and Clinical Symposium (St. Louis, MO; June 2012)

American College of Sports Medicine Annual Meeting (San Francisco, CA; May 2012)
 Illinois Association for Health, Physical Education, Recreation, and Dance Annual Meeting (St. Charles, IL; November 2011)
 Illinois Athletic Trainers' Association Annual Meeting (Bloomington, IL; November 2011)
 Illinois Athletic Trainers' Association Annual Meeting (Chicago, IL; November 2010)
 National Athletic Trainers' Association Annual Meeting and Clinical Symposium (Philadelphia, PA; June 2010)
 Great Lakes Athletic Trainers' Association Annual Meeting (Detroit, MI; March 2010)
 Illinois Athletic Trainers' Association Annual Meeting (Chicago, IL; November 2009)

PROFESSIONAL ORGANIZATIONS/CERTIFICATIONS

Georgia Licensed Athletic Trainer License # AT002935
 Summer 2016 – Present

Biomedical Engineering Society
 Fall 2015 – Fall 2016

Mid-Atlantic Athletic Trainers' Association
 Summer 2012 – Fall 2016

North Carolina Licensed Athletic Trainer License # 2181
 Fall 2012 – Fall 2016

American College of Sports Medicine Membership # 701929
 Spring 2012 – Present

American Red Cross Instructor of CPR/AED for Professional Rescuers and Health Care Providers
 Spring 2012 – Fall 2016

Illinois Association for Health, Physical Education, Recreation, and Dance
 Fall 2011 – Fall 2012

Licensed in Graston Technique®
 Spring 2011 – Present

Board of Certification, Inc. Certification # 2000003391
 Summer 2010 – Present

Illinois Licensed Athletic Trainer License # 096002940
 Spring 2010 – Spring 2012

National Athletic Trainers' Association Membership # 1028656
 Spring 2009 – Present

Great Lakes Athletic Trainers' Association
 Spring 2009 – Fall 2012

Illinois Athletic Trainers' Association
 Spring 2009 – Fall 2012