

CHRISTINA B. VANDER VEGT, MS, LAT, ATC

PERSONAL INFORMATION

2201 Stallings-Evans Sports Medicine Complex
Campus Box 8700
Chapel Hill, NC 27599
O: 919.962.0409
cbv33@email.unc.edu

EDUCATION

The University of North Carolina at Chapel Hill, Chapel Hill, NC
Doctor of Philosophy, Interdisciplinary Curriculum in Human Movement Science, expected May 2020
School of Medicine, Department of Allied Health Sciences
Advisor: Dr. Johna Register-Mihalik

Texas State University, San Marcos, TX
Master of Science: Athletic Training, August 2015
Thesis: The resultant effects of head impacts on vestibular function in NCAA division I male lacrosse players
Advisor: Dr. Rod Harter

Metropolitan State University of Denver, Denver, CO
Bachelor of Science: Athletic Training, May 2013

PROFESSIONAL EXPERIENCE

The University of North Carolina at Chapel Hill, Chapel Hill, NC
Department of Allied Health Sciences, School of Medicine
Research Assistant, August 2016 to present
Department of Exercise and Sport Science, College of Arts and Sciences
Instructor/Teaching Assistant, August 2016 to present

Texas Health Resources, Ben Hogan Sports Medicine, Fort Worth, TX
CAATE Accredited Residency in Orthopedic Rehabilitation
Resident Athletic Trainer—Residency in Orthopedic Rehabilitation, August 2015 to May 2016
Texas Christian University, Department of Kinesiology, Harris College of Nursing and Health Sciences
Resident Athletic Trainer and Teaching Assistant, August 2015 to May 2016

Texas State University, San Marco, TX
Department of Health and Human Performance, College of Education
Graduate Assistant/Athletic Trainer, July 2013 to July 2015
Graduate Research Assistant, July 2013 to July 2015
Graduate Teaching Assistant, July 2013 to July 2015

HONORS/AWARDS

- 2014 Post-Professional/Master's Oral Presentation Award – Southwest Athletic Trainers' Association.
Project: The Effectiveness of Vestibular Rehabilitation on Dizziness and Balance Deficits Following Concussion or Mild Traumatic Brain Injury: A Critically Appraised Topic
- 2014 Athletic Trainers Endowed Scholarship – Texas State University, San Marcos, TX
- 2014 Graduate College Scholarship – Texas State University, San Marcos, TX
- 2013 Outstanding Student Achievement – Metropolitan State University of Denver, Denver, CO

EXTERNAL FUNDING

Vander Vegt, C. (2019). Doctoral Research Grant. National Athletic Trainers' Association. Project Title: *Pupillary Response to Cognitive Load as an Index of Neural Resource Utilization Following Concussion*. (FUNDED)

Vander Vegt, C. (2015). Graduate Research Grant. Southwest Athletic Trainers' Association. Project Title: *Resultant Effects of Head Impacts on Vestibular Function in Division I Male Lacrosse Players*. (FUNDED)

SCHOLARSHIP

A. Book Chapters

Register-Mihalik, JK, & **Vander Vegt, CB** (2017). Active management of concussion: Where are we headed? In *Concussion in Athletics: Assessment, Management, and Emerging Issues*. Nova Science Publishers.

B. Refereed Articles in Review

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. *American Journal of Sports Medicine*. [In review]

VanDeMark LH, **Vander Vegt CB**, Ford CB, Mihalik JP, Wikstrom EA. The Effect of Progressive Visual Occlusion on Postural Control Responses in Those with and Without Chronic Ankle Instability³. *Gait and Posture*. [In review].

C. Refereed Articles Published or In Press

Register-Mihalik JK, Sarmiento K, **Vander Vegt CB**, Guskiewicz K. (2019) Considerations for Athletic Trainers: A Review of CDC and NATA Guidance on Mild Traumatic Brain Injury Among Children. *Journal of Athletic Training*. 54(1):12-20.

Vander Vegt CB, Register-Mihalik JK, Ford CB, Rodrigo CJ, Guskiewicz KM, Mihalik JP. (2019). Baseline Concussion Clinical Measures Are Related to Sensory Organization and Balance. *Medicine & Science in Sports & Exercise*. 51(2):264-270.

Ingram, B., Kay, M., **Vander Vegt, CB**. (2018). The Effect of Body Checking Policy Changes on Concussion Incidence in Male Youth Ice Hockey Players: A Critically Appraised Topic. *Journal of Sport Rehabilitation*. 28(7): 774-777.

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*. 22:11.

Kerr, Zachary, Zuckerman, Scott L. Wasserman, Erin W., **Vander Vegt, Christina B.**, Et al. (2017). Model Factors Associated with Post-Concussion Syndrome in High School Student-athletes. *Journal of Science and Medicine in Sport*. 21(5): 447-452.

Miyashita, Theresa L., Diakogeorgiou, Eleni, and **Vander Vegt, Christina B.** (2016). Gender Differences in Concussion Reporting Among High School Athletes. *Sports Health: A Multi-disciplinary Approach*. 8:364-371.

D. Refereed Other Products of Scholarship – Published Abstracts/Presentations or In Review

Vander Vegt CB, Appelbaum LG, Mihalik JP, Guskiewicz KM, Register-Mihalik JK. (2020). Pupillary Responses Indicate Neurocognitive Processing Differences in Working Memory Following Concussion. *The National Athletic Trainers' Association Annual Meeting*. Atlanta, GA. (June 22-25, 2020). [accepted]

Vander Vegt CB, Appelbaum LG, Mihalik JP, Guskiewicz KM, Register-Mihalik JK. (2020). Pupillary Responses Indicate Working Memory Processing Differences: Implications for Healthy and Clinical Populations. *The American College of Sports Medicine Annual Meeting*. San Francisco, CA. (May 2020) [accepted]

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). (June 24-27, 2019).

VanDeMark LH, **Vander Vegt CB**, Ford CB, Wikstrom EA, Mihalik JP. (2019, July). The effect of progressive visual occlusion on postural control response in those with and without chronic ankle instability. *Journal of Athletic Training*, 54(6). (June 24-27, 2019).

Yang K, **Vander Vegt CB**, Barczak NE, Register-Mihalik, JK, Mihalik JP. (2019, July). Test-Retest Reliability of a Coincidence Anticipation Timing Assessment: Implications for Concussion Management. *Journal of Athletic Training*, 54(6). (June 24-27, 2019).

Klotz A, Register-Mihalik JK, Guskiewicz KM, FNATA, Ranapurwala SI, Gildner P, Marshall SW, McCulloch KL, Mihalik JP, Prim JH, **Vander Vegt CB**, McCrea M, and The Active Rehab Study Consortium. (2019). Pre-Season Baseline and Post-Concussion Convergence Insufficiency in High School and College Student-Athletes: Findings from the Active Rehab Study. *Journal of Athletic Training*, 54(6). (June 24-27, 2019).

Register-Mihalik JK, Ranapurwala SI, Guskiewicz KM, FNATA, Gildner P, Klotz A, Marshall SW, McCulloch K, Mihalik JP, Prim JH, **Vander Vegt CB**, McCrea MM, and The Active Rehab Study Consortium. (2019). Preseason psychological distress affects college athletes' health-related quality of life: findings from the active rehab study. *Journal of Athletic Training*, 54(6). (June 24-27, 2019).

Vander Vegt CB, Ford CB, Register-Mihalik JK, DeLellis SM, Healy ML, Kane SM, Lynch JH, Means GE, Mihalik JP. (2019). Concussion and the Pupillary Light Reflex: Implications for Special Operations Forces Personnel. American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 51(5). (May 28-June 1, 2019).

Register-Mihalik JK, Ranapurwala SI, Guskiewicz KM, FNATA, Gildner P, Klotz A, Marshall SW, McCulloch K, Mihalik JP, Prim JH, **Vander Vegt CB**, McCrea MM, and The Active Rehab Study Consortium. (2019). Previous concussion history influences health-related quality of life among collegiate student-athletes: Baseline findings from the Active Rehab Study. American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 51(5):758. (May 28-June 1, 2019).

Selgrade BP, **Vander Vegt CB**, Childs ME, Franz JR. (2019). Aging Increases Reaction Time During Lateral Precision Stepping to Near and Distant Targets. Poster Presentation. *International Society of Biomechanics Annual Meeting*. Calgary, Canada. (July 2019).

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. 2018 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sport & Exercise*, 50(5S). (May 27-June 2, 2018).

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). (May 27-June 2, 2018).

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). (June 27-29, 2018).

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). (June 27-29, 2017).

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). (June 27-29, 2017).

Vander Vegt, CB, Register-Mihalik JK, Rodrigo CJ, Kay MC, Guskiewicz KM, Mihalik JP. (2017). Association Between Concussion History, Demographic Characteristics, and Sensory Organization in Collegiate Athletes. 2017 American College of Sports Medicine Annual Meeting. *Medicine & Science in Sports & Exercise*, 48(5S): 413-414. (May 2017).

Vander Vegt, CB, Gobert DV, Miyashita TL, Vela LI, Harter RH. (2016). Resultant Effects of Head Impacts on Vestibular Function in Division I Male Lacrosse Players. Oral Abstract Presentation. *The Southwest Athletic Trainers' Association Annual Meeting*. Arlington, Texas. (July 2016).

Vander Vegt, CB, Gobert DV, Miyashita TL, Vela LI, Harter RH. (2016). Resultant Effects of Head Impacts on Vestibular Function in Division I Male Lacrosse Players. Oral Abstract Presentation. 2016 National Athletic Trainers' Association Annual Meeting. *Journal of Athletic Training*, 5(6): S-219. (June 22-25, 2016).

Vander Vegt, CB, Gobert DV, Miyashita TL, Vela LI, Harter RH. (2015). Pre-season Vestibular Function in Division I Male Lacrosse Players and History of Concussion. Oral Abstract Presentation. *The North American Brain Injury Society's Annual Meeting*. San Antonio, Texas. (April 2015).

Vander Vegt, CB. (2014). The Effectiveness of Vestibular Rehabilitation on Dizziness and Balance Deficits Following Concussion or Mild Traumatic Brain Injury: A Critically Appraised Topic. Oral Presentation. *Southwest Athletic Trainers' Association Annual Meeting*. Dallas, Texas. (July 2014).

Vander Vegt, CB. (2013). Overall Happiness, Orientation to Happiness and Perceived Social Support as They Relate to NCAA Division II Collegiate Athletes' Rehabilitation Beliefs. Poster Presentation. *Rocky Mountain Athletic Trainers' Association Annual Meeting*. Denver, Colorado. (April 2013).

TEACHING RECORD

A. Curricular Experience—Undergraduate

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

EXSS 275 – Cadaver Anatomy Lab, *Instructor of record*

Fall 2019 (16 students)

EXSS 288 – Emergency Care of Athletic Injury and Illness, *Instructor of record*

Fall 2016 (40 students), Spring 2018 (40 students), Fall 2018 (40 students),

Spring 2019 (34 students)

EXSS 175 – Human Anatomy, *Teaching Assistant*

Spring 2017 (280 students), Fall 2017 (276 students)

Texas Christian University, Fort Worth, TX

KINE 30102 – Clinical Education III-Lower extremity injury evaluation, *Teaching Assistant*

Fall 2015 (15 students)

KINE 30202 – Clinical Education III-Upper extremity injury evaluation, *Teaching Assistant*

Spring 2016 (15 students)

Texas State University, San Marcos, TX

AT 3128 – Lower Extremity Injury Evaluation-L, *Instructor of record*

Summer 2015 (30 students)

AT 3146 – Therapeutic Exercise-Applied Laboratory, *Instructor of Record*

Spring 2015 (30 students), Summer 2014 (2 sections of 30 students)

AT 2356 – Prevention and Care of Athletic Injuries, *Teaching Assistant/Co-instructor*

Spring 2014 (80 students), Fall 2014 (80 students), Spring 2015 (80 students)

AT 1298 – Orientation to Athletic Training Education, *Teaching Assistant/Co-instructor*

Fall 2014 (45 students), Spring 2015 (2 sections of 45 students)

B. Master's Thesis Committees – Member

Ingram B. A decision-based interactive concussion education module versus a traditional pen and paper handout on knowledge, attitude, and behaviors associated with sport related concussion. May 2020 (anticipated)

Vandemark L. Differences in Postural Control Responses to Levels of Visual Occlusion in Individuals with Chronic Ankle Instability. May 2019

Kostogiannes V. Relationships among movement quality, visual performance, and head impact biomechanics in high school football players. May 2018

White C. The Effect of PRI Pelvic Repositioning Technique on Innominate Position and Hip Range of Motion. May 2018

PROFESSIONAL ASSOCIATIONS

Certified Athletic Trainer, National Athletic Trainers' Association Board of Certification, #2000015012, *June 2013 to present*

Licensed Athletic Trainer, State of North Carolina, *February 2019 to Present*

Licensed Athletic Trainer, State of Texas License #AT5747, *August 2013 to August 2016*

CPR/AED Certified for the Professional Rescuer and Health Care Provider – Instructor, *August 2016 to present*

National Athletic Trainers' Association—Member #53389, *August 2010 to present*

PROFESSIONAL DEVELOPMENT

National Athletic Trainers' Association Annual Symposium, Las Vegas, NV

July 2019

American College of Sports Medicine Annual Meeting, Orlando, FL

May 2019

National Athletic Trainers' Association Annual Symposium, New Orleans, LA

July 2018

American College of Sports Medicine Annual Meeting, Minneapolis MN

May 2018

National Athletic Trainers' Association Annual Symposium, Houston, TX

July 2017

American College of Sports Medicine Annual Meeting, Denver, CO

May 2017

Southwest Athletic Trainers' Association Annual Symposium, Dallas, TX

June 2014

National Athletic Trainers' Association Annual Symposium, Las Vegas, NV

June 2013

Rocky Mountain Athletic Trainers' Association Annual Symposium, Denver, CO

April 2013

Colorado Athletic Trainers' Association Annual Business Meeting, Denver, CO

June 2012

Rocky Mountain Athletic Trainers' Association Annual Symposium, Phoenix, AZ

April 2012

MEMBERSHIPS/ORGANIZATIONS

2010 to Present	National Athletic Trainer's Association, Member Number 254083
2016 to Present	American College of Sports Medicine
2013 to 2016	Southwest Athletic Trainers' Association, Member
2010 to 2013	Rocky Mountain Athletic Trainers' Association, Member