

# Derek Richard Dewig, PhD, ATC

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## EDUCATION

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- 2022      **PhD, The University of North Carolina** (Human Movement Science), Chapel Hill, NC  
Dissertation: “Effects of Whole Body Vibration on Quadriceps Function, Landing Biomechanics, and Performance in Individuals With ACL Reconstruction”
- 2016      **MA, The University of North Carolina** (Athletic Training), Chapel Hill, NC  
Thesis: “The Influences of Eccentric Hamstring Strength and Stiffness on Jump Landing Biomechanics”
- 2014      **BS, Indiana University** (Athletic Training), Bloomington, IN  
High Distinction, Minors in Exercise Science & Medical Sciences

## PROFESSIONAL WORK EXPERIENCE

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- 2023-Present    **Assistant Professor of Exercise Science**  
**Undergraduate Program Coordinator for Exercise Science**  
Fairmont State University, Fairmont, WV
- 2022- 2023    **Research Scientist, Research Sport Scientist**  
Rockefeller Neuroscience Institute, West Virginia University, Morgantown, WV
- 2018- 2022    **Instructor, Graduate Research Assistant**  
The University of North Carolina, Chapel Hill, NC
- 2016- 2018    **Assistant Athletic Trainer**  
Indiana University, Bloomington, IN  
Men’s and Women’s Track and Field/Cross Country
- 2014- 2016    **Instructor, Graduate Athletic Trainer**  
The University of North Carolina, Chapel Hill, NC

## PEER-REVIEWED JOURNAL PUBLICATIONS

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1. Dennis, J, Nilius AE, Birchmeier TB, **Dewig DR**, Pietrosimone BG, Blackburn JT. Biomechanical Contributors to Loading Rates During Gait Following Anterior Cruciate Ligament Reconstruction. *Journal of Biomechanics*. 2025. In Press.
2. Cheever K, Nedimyer A, Register-Mihalik J, Kossman M, **Dewig D**. Determinates of Musculoskeletal Injury Signs, Symptoms and Consequences as well as Attitudes Towards Musculoskeletal Disclosure. *International Journal of Athletic Therapy & Training*. 2025. In Press.
3. Cheever K, Nedimyer A, Register-Mihalik J, Kossman M, **Dewig D**. A Comparison of Determinants of Musculoskeletal and Concussion Injury Disclosure in Adolescent Athletes: An Alternative Explanation for Secondary Musculoskeletal Injury Risk Following Concussion. *Clinical Journal of Sports Medicine*. 2025. In Press.
4. Brown CL, Worts PR, **Dewig DR**, Rolle GA, Ormsbee MJ. Return to Play after an Anterior Cruciate Ligament Reconstruction in the Collegiate Athlete: A Systematic Review Evaluating Return to Play Proportions and Associated Factors. *Journal of Orthopaedic & Sports Physical Therapy*. 2024.
5. Nilius A, **Dewig DR**, Johnston CJ, Blackburn JT. Quadriceps Composition and Function Influence Downhill Gait Biomechanics >1 Year Following Anterior Cruciate Ligament Reconstruction. *Clinical Biomechanics*. 2024.
6. **Dewig DR**, Lepley AS, Nilius A, Padua DA, Pietrosimone BG, Wikstrom EA, Blackburn JT. An Acute Bout of Whole Body Vibration Does Not Improve Jumping Performance in Those With ACL Reconstruction. *Journal of Athletic Training*. 2024.

7. Johnston, CD, **Dewig DR**, Pietrosimone B, Padua D, Ryan ER, Hart J, Spang J, Blackburn JT. Longitudinal Changes in Quadriceps Morphology Over the First Three Months Following Anterior Cruciate Ligament Reconstruction. *Medicine & Science in Sports & Exercise*. 2024.
8. Cheever, K, **Dewig D**, Kossman, MK, Nedimyer, A, Register-Mihalik, J. Determinants of Intention to Disclose Musculoskeletal Injury in Adolescent Athletes. *Journal of Athletic Training*. 2024.
9. **Dewig DR**, Boltz AJ, Moffit R, Robison HJ, Collins CL, Chandran A. Epidemiology of Anterior Cruciate Ligament Injuries in National Collegiate Athletic Association Athletes: 2014/15 – 2018/19. *Medicine & Science in Sports & Exercise*. 2023.
10. **Dewig DR**, Evans-Pickett A, Pietrosimone BG, Blackburn JT. Comparison of Discrete and Continuous Analysis Approaches for Evaluating Gait Biomechanics in Individuals with Anterior Cruciate Ligament Reconstruction. *Gait and Posture*. 2022.
11. Cheever, K, **Dewig D**, Kossman, MK, Nedimyer, A, Register-Mihalik, J. The Identification and Comparison of Factors Impacting Musculoskeletal and Concussion Injury Disclosure. *Journal of Athletic Training*. 2022.
12. **Dewig DR**, Mills HR, Pickett-Evans A, Pietrosimone BG, Blackburn JT. Aberrant Gait Biomechanics in Individuals with ACL Reconstruction are Magnified During Treadmill Walking. *Journal of Biomechanics*. 2022.
13. **Dewig DR**, Johnston CD, Pietrosimone BG, Blackburn JT. Long-Term Gait Biomechanics In Level, Uphill and Downhill Conditions Following Anterior Cruciate Ligament Reconstruction. *Clinical Biomechanics*. 2021.
14. Blackburn JT, **Dewig DR**, Johnston CD. Time Course of the Effects of Vibration on Quadriceps Function in Individuals with Anterior Cruciate Ligament Reconstruction. *Journal of Electromyography and Kinesiology*. 2020
15. Blackburn JT, Padua DA, Pietrosimone BG, Schwartz TA, Spang JT, Goodwin JS, **Dewig DR**, Johnston CD. Vibration improves gait biomechanics linked to post-traumatic knee osteoarthritis following anterior cruciate ligament injury. *Journal of Orthopaedic Research*. 2020.
16. **Dewig DR**, Goodwin JS, Pietrosimone BG, Blackburn JT. Associations Between Eccentric Hamstring Strength, Hamstring Stiffness and Jump Landing Biomechanics. *Journal of Athletic Training*. 2020.

## REFEREED ABSTRACTS

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1. **Dewig DR**, Efaw AE, Urling LR, Blackburn JT. Between-limb Differences In Dynamic Postural Stability In Individuals With ACL Reconstruction Utilizing Various Processing Techniques. 2025 American College of Sports Medicine Annual Meeting, Atlanta, GA.
2. Urling LR, **Dewig DR**. Association Between Jump Height And Lower Extremity Flexibility In Collegiate Volleyball Players. 2025 American College of Sports Medicine Annual Meeting, Atlanta, GA.
3. **Dewig DR**. Automated Variable Selection for High Dimensional Data: A Practical Example in Individuals with ACL Reconstruction. 2024 AI Conference. Fairmont State University, Fairmont, WV.
4. **Dewig DR**, Jochimsen KN, Tenan MS. Inter-day Variance During Squatting Using a Markerless Motion Capture System. 2023 American College of Sports Medicine Annual Meeting, Denver, CO.
5. Heckert TE, McCrory JL, **Dewig DR**, Mancinelli CA, McDonough EB, Nguyen A. Relationship Between Symmetries in Isokinetic Strength, Functional Hop Tests and Landing Biomechanics. 2023 American College of Sports Medicine Annual Meeting, Denver, CO. In Review.
6. Nilius A, **Dewig D**, Johnston C, Blackburn T. Quadriceps Function and Morphology Contribute to Aberrant Downhill Gait Biomechanics in Individuals with ACL Reconstruction. 2023 American College of Sports Medicine Annual Meeting, Denver, CO.
7. Tenan MS, **Dewig DR**, Meadows N, Joseph M. With So Many Counter-movement Jump Metrics Available, Which Ones to Choose? 2023 American College of Sports Medicine Annual Meeting, Denver, CO.

8. **Dewig DR**, Lepley AS, Nilius A, Padua DA, Pietrosimone BG, Wikstrom EA, Blackburn JT. Whole Body Vibration Improves Knee Kinetics During Landing in those with ACL Reconstruction. 2023 NATA Clinical Symposia & AT Expo. Indianapolis, IN.
9. Heckert TE, McCrory JL, **Dewig DR**, Mancinelli CA, McDonough EB, Nguyen A. Symmetries in Functional Hop Tests Do Not Relate to At-Risk Landing Biomechanics Following ACL Reconstruction. 2023 NATA Clinical Symposia & AT Expo, Indianapolis, IN.
10. Nguyen A, Heckert TE, McCrory JL, Mancinelli CA, McDonough EB, **Dewig DR**. Sagittal Plane Landing Biomechanics Differ between Limbs in ACL Reconstructed Athletes with Symmetrical Functional Hop Distance. 2023 NATA Clinical Symposia & AT Expo, Indianapolis, IN.
11. Kramer E, Murro M, Samaan M, **Dewig DR**, Nguyen AD, Mancinelli CA, Jochimsen KN. Sagittal Plane Single Leg Squat Kinematics and Kinesiophobia in Individuals with Hip-Related Pain. 2023 NATA Clinical Symposia & AT Expo, Indianapolis, IN.
12. **Dewig DR**, Chandran A, Boltz AJ, Robison HJ, Collins CL, Blackburn, JT. Epidemiology of Anterior Cruciate Ligament Injuries in National Collegiate Athletic Association Athletes: 2014/15 – 2018/19. 2022 American College of Sports Medicine Annual Meeting, San Diego, CA.
13. **Dewig DR**, Mills HR, Evans-Pickett A, Pietrosimone BG, Blackburn JT. Between-Limb Differences in Sagittal Plane Gait Biomechanics are Exacerbated During Treadmill Walking in Individuals with ACL Reconstruction. 2022 NATA Clinical Symposia & AT Expo, Philadelphia, PA.
14. Pazuchanics BN, **Dewig DR**, Migel K, Mihalik J, Blackburn JT. Static and Dynamic Postural Control Deficits in Individuals with a History of Concussion. 2022 NATA Clinical Symposia & AT Expo, Philadelphia, PA.
15. **Dewig DR**, Goodwin FJ, Johnston CD, Padua DA, Pietrosimone BG, Schwartz TA, Spang JT, Blackburn JT. Differential Acute Effects of Whole Body and Local Muscle Vibration on Loading Rates During Walking in Individuals with Anterior Cruciate Ligament Reconstruction. 2021 NATA Clinical Symposia & AT Expo (virtual).
16. Johnston CD, Davis-Wilson H, **Dewig DR**, Pietrosimone BG, Blackburn JT. Quadriceps Muscle Quality is Associated with Strength But Not Walking Gait Biomechanics Following Anterior Cruciate Ligament Reconstruction. 2021 NATA Clinical Symposia & AT Expo (virtual).
17. **Dewig DR**, Pamukoff DN, Pietrosimone BG, Blackburn JT. ACL Reconstructed Individuals With Poorer Quadriceps Function Demonstrate Greater Acute Improvements Following Vibration. 2021 American College of Sports Medicine Annual Meeting (virtual).
18. **Dewig DR**, Johnston CD, Blackburn, JT. Associations Between Quadriceps Function and Changes in Gait Biomechanics Between Level and Downhill Walking Following Anterior Cruciate Ligament Reconstruction. 2020 NATA Clinical Symposia & AT Expo (virtual).
19. **Dewig DR**, Johnston CD, Pietrosimone BG, Blackburn, JT. Changes in Gait Biomechanics Between Level And Downhill Walking Do Not Differ Between Those With Anterior Cruciate Ligament Reconstruction And Controls. 2020 American College of Sports Medicine Annual Meeting (virtual).
20. Blackburn T, Pietrosimone B, Padua D, **Dewig D**, Goodwin FJ, Johnston C. Gait biomechanics linked to post-traumatic osteoarthritis following anterior cruciate ligament reconstruction are improved with vibration. 2020 American College of Sports Medicine Annual Meeting (virtual).
21. **Dewig DR**, Johnston CD, Pietrosimone BG, Blackburn, JT. Somatosensory Function and Gait Biomechanics In Individuals With Anterior Cruciate Ligament Reconstruction. 2019 American College of Sports Medicine Annual Meeting, Orlando, FL.
22. Blackburn T, Pietrosimone B, **Dewig DR**, Johnston C. Improvements in somatosensory function with vibration do not influence gait biomechanics in individuals with anterior cruciate ligament reconstruction. 2019 American College of Sports Medicine Annual Meeting, Orlando, FL.

23. Blackburn T, Pietrosimone B, **Dewig DR**, Goodwin FJ, Johnston CD. Vibratory stimuli improve gait biomechanics linked to post-traumatic osteoarthritis in individuals with anterior cruciate ligament reconstruction. 2019 Osteoarthritis Research International World Congress on Osteoarthritis, Toronto, Canada.
24. Blackburn T, Pietrosimone B, **Dewig DR**, Goodwin J, Johnston C. Somatosensory deficits influence gait biomechanics linked to post-traumatic osteoarthritis in individuals with anterior cruciate ligament reconstruction. 2019 ACL Research Retreat VIII, Greensboro, NC.

## TEACHING EXPERIENCE

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### Fairmont State University, Fairmont, WV

Biomechanics (PHED 3313)  
 Fitness Assessment & Exercise Physiology (PHED 3316)  
 Research Methodology (PHED 4400)  
 Research Design Seminar (PHED 4410)  
 Laboratory Techniques of Health Promotion/Exercise Science (PHED 6405)  
 Neuromuscular Exercise Physiology II (PHED 6413)  
 Capstone Research Project (PHED 6395)

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

Biomechanics of Sport (EXSS 385)  
 Emergency Care of Injury and Illness (EXSS 288)  
 Human Anatomy Lab (EXSS 275L)  
 Lifetime Fitness (LFIT 104, LFIT 105, LFIT 108)  
 Athletic Training Clinical Preceptor, Field Hockey and Track and Field

### Indiana University, Bloomington, IN

Structural Kinesiology Lab (SPH K205)  
 Athletic Training Clinical Preceptor, Cross Country and Track and Field

## FUNDED RESEARCH & GRANT PROPOSALS

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1. Enhancing Exercise Science Curriculum and Research for Students and Faculty  
 PI: **Dewig DR**  
Instrumentation Grant  
 Instrumentation Grants Program: STaR Division – WVHEPC  
 Funding Period: 2024 – 2025  
 Amount: \$19,742.00
2. Facilitation of Student Involvement in Biomechanics Research & Education Via Laboratory Upgrades  
 PI: **Dewig DR**  
Fairmont State University Falcon Mini Grant  
 Funding Period: 2024 - 2025  
 Amount: \$2,530.45
3. Inertial Measurement Units for Didactic and Research Experiences in Exercise Science  
 PI: **Dewig DR**  
Fairmont State University Faculty Fellowship Grant  
 Funding Period: 2024 - 2025  
 Amount: \$4,816.86
4. Increasing Undergraduate Research Opportunities at Fairmont State University  
 PIs: Henson K & Davis M  
 Role: Faculty Mentor  
Summer/Semester Undergraduate Research Experience Program (SURE)  
 STaR Division – WVHEPC  
 Funding Period: 2024 - 2027  
 Amount: \$66,000

5. Effects of Vibration on Quadriceps Function, Landing Biomechanics and Performance in Individuals with ACL Reconstruction  
 PIs: **Dewig DR** & Blackburn JT  
National Athletic Trainers' Association Research and Education Foundation Doctoral Student Grant  
 Overall Mean Impact Score: 2.6  
 Funding Period: 2021 - 2022  
 Amount: \$2,500

## UNFUNDED RESEARCH & GRANT PROPOSALS

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1. Effects of Vibration on Quadriceps Function, Landing Biomechanics and Performance in Individuals with ACL Reconstruction  
 PIs: **Dewig DR** & Blackburn JT  
American College of Sports Medicine Foundation Doctoral Student Research Grant  
 Funding Period: 2021 - 2022  
 Amount: \$5,000
2. Effects of Vibration and Exercise on Quadriceps Function and Gait Biomechanics Related to Osteoarthritis Development Following Anterior Cruciate Ligament Reconstruction  
 PIs: **Dewig DR** & Blackburn JT  
Analyzing Relationships between Disability, Rehabilitation and Work (ARDRAW) Small Grant Program  
 Funding Period: 2020 - 2021  
 Amount: \$10,000
3. Vibration and Exercise on Quadriceps Function and Gait Biomechanics Following Anterior Cruciate Ligament Reconstruction  
 PIs: **Dewig DR** & Blackburn JT  
National Athletic Trainers' Association Research and Education Foundation Doctoral Student Grant  
 Funding Period: 2020 - 2021  
 Amount: \$2,500
4. Vibration and Exercise on Quadriceps Function and Gait Biomechanics Following Anterior Cruciate Ligament Reconstruction  
 PIs: **Dewig DR** & Blackburn JT  
American College of Sports Medicine Foundation Doctoral Student Research Grant  
 Funding Period: 2020 - 2021  
 Amount: \$5,000

## RESEARCH MENTORSHIP

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### Fairmont State University, Fairmont, WV

#### Undergraduate Research Projects

1. Vargo-Thomas, E, **Dewig, DR**. Fatigue and Lower Extremity Reaction Time. Summer/Semester Undergraduate Research Experience Program (SURE), 2025.
2. Scott, L, **Dewig, DR**. Influence of Body Composition on Electromyography Amplitude. Summer/Semester Undergraduate Research Experience Program (SURE), 2024.

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

#### Master's Student Theses

1. Pikowski M, **Dewig DR**, Mihalik JP, Padua DA. In Collegiate American Football Players Who Have Gained Medical Clearance From Sport Related Concussion, What Is The Comparison Between Gradual and Immediate Return To Exercise Intensity? Department of Exercise & Sport Science, 2022.
2. Lowenhar M, **Dewig DR**, Pietrosimone BG, Blackburn JT. Femoral Cartilage Resilience in Individuals with ACLR and Healthy Controls. Department of Exercise & Sport Science, 2021.

3. Pazuchanics B, **Dewig, DR**, Migel K, Mihalik JP, Blackburn JT. Static and Dynamic Postural Control Deficits in Patients with a History of Concussion. Department of Exercise & Sport Science, 2021.
4. Albrecht J, **Dewig DR**, Pietrosimone BG, Blackburn JT. The Effect Of Treadmill Walking Conditions (Level, Uphill, Downhill) On Quadriceps EMG Amplitudes in Individuals With Anterior Cruciate Ligament Reconstruction and Healthy Controls. Department of Exercise & Sport Science, 2020.

#### Undergraduate Research Presentations

1. Mills H, **Dewig D**, Blackburn T. A Comparison of Overground and Treadmill Gait Biomechanics in Individuals with Anterior Cruciate Ligament Reconstruction and Healthy Controls. 2021 Celebration of Undergraduate Research. Chapel Hill, NC.
2. Agha N, **Dewig D**, Johnston C, Blackburn T. Vastus Lateralis Function Following ACL Reconstruction after 3 months. Exercise and Sport Science Open House. 2020 University Research Week. Chapel Hill, NC.
3. Dholakia R, **Dewig D**, Johnston C, Blackburn T. Associations Between Quadriceps Morphology and Gait Biomechanics in Graded Conditions Following Anterior Cruciate Ligament Reconstruction. Exercise and Sport Science Open House. 2020 University Research Week. Chapel Hill, NC.
4. Dreyer K, **Dewig D**, Johnston C, Blackburn T. Gait Biomechanics During Level, Uphill and Downhill Walking Conditions Following Anterior Cruciate Ligament Reconstruction. Exercise and Sport Science Open House. 2020 University Research Week. Chapel Hill, NC.
5. Lawrence A, **Dewig D**, Johnston C, Blackburn T. The Relationship Between Quadriceps Muscle Ultrasound and DXA in those with Anterior Cruciate Ligament Reconstruction. 2019 Celebration of Undergraduate Research. Chapel Hill, NC.
6. Guskiewicz N, **Dewig D**, Johnston C, Blackburn T. Poorer Quadriceps Muscle Quality is Related to Worse Single Limb Hopping Following Anterior Cruciate Ligament Reconstruction. 2019 Celebration of Undergraduate Research. Chapel Hill, NC.
7. Hoopes L, **Dewig D**, Johnston C, Blackburn T. The Relationship of Quadriceps Muscle Quality and Gait Biomechanics Following Anterior Cruciate Ligament Reconstruction. 2019 Celebration of Undergraduate Research. Chapel Hill, NC.
8. Farrell M, **Dewig D**, Johnston C, Blackburn T. The Relationship Between Quadriceps Muscle Quality and Isometric Strength Following Anterior Cruciate Ligament Reconstruction. 2019 Celebration of Undergraduate Research. Chapel Hill, NC.

#### **PROFESSIONAL/NATIONAL SERVICE**

2025-Present	Exam Development Committee Mentor, Board of Certification, Inc.
2023-2024	Exam Development Committee Reviewer, Board of Certification, Inc.
2019-Present	<b><u>Peer Reviewer:</u></b> <ol style="list-style-type: none"> <li>1. Scientific Reports</li> <li>2. Clinical Biomechanics</li> <li>3. Sports Medicine and Health Science</li> <li>4. Journal of Sport Rehabilitation</li> <li>5. Medicine &amp; Science in Sports &amp; Exercise</li> <li>6. Athletic Training &amp; Sports Health Care</li> <li>7. The Knee</li> <li>8. Journal of Athletic Training</li> <li>9. Scandinavian Journal of Medicine &amp; Science in Sports</li> </ol>
2019- 2022	Continuing Education Question Writer, National Athletic Trainers' Association
2018-Present	Exam Development Committee Item Writer, Board of Certification, Inc.
2015	Quiz Bowl Question Writer, Mid-Atlantic Athletic Trainers' Association
2013- 2014	National Athletic Trainers' Student Committee Chair, National Athletic Trainers' Association

## PROFESSIONAL PRESENTATIONS

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1. Automated Variable Selection for High Dimensional Data: A Practical Example in Individuals with ACL Reconstruction. February 2024, Fairmont State University AI Conference. Fairmont, WV (accepted).
2. How to Improve Your Health Without Really Trying. August 2023, Fairmont State University Professional Development Week. Fairmont, WV (accepted).
3. Whole Body Vibration Improves Knee Kinetics During Landing in those with ACL Reconstruction. June 2023, NATA Clinical Symposia & AT Expo. Indianapolis, IN (accepted).
4. Purpose and Application of Movement Screenings: An Introduction to Sports Biomechanics. ACE 457: Introduction to Sport Technology and Sport Science. West Virginia University, November 2022, Morgantown, WV (invited).
5. Between-Limb Differences in Sagittal Plane Gait Biomechanics are Exacerbated During Treadmill Walking in Individuals with ACL Reconstruction. July 2022, NATA Clinical Symposia & AT Expo, Philadelphia, PA (accepted).
6. Differential Acute Effects of Whole Body and Local Muscle Vibration on Loading Rates During Walking in Individuals with Anterior Cruciate Ligament Reconstruction. On Demand Free Communications Oral Presentations. June 2021, VNATA Clinical Symposia & AT Expo (accepted).
7. Quadriceps Dysfunction Following ACL Injury: A Neural Perspective. SPH-A584: Rehabilitation Principles and Techniques in AT II. Indiana University, March 2021, Bloomington, IN (invited).
8. Muscular Influences on Lower Extremity Movement Screenings: An Integration Into Rehabilitation, SPH-A584: Rehabilitation Principles and Techniques in AT II. Indiana University, March 2017, March 2018, March 2021, Bloomington, IN (invited).
9. Associations Between Quadriceps Function and Changes in Gait Biomechanics Between Level and Downhill Walking Following Anterior Cruciate Ligament Reconstruction. On Demand Free Communications Oral Presentations. July 2020, VNATA Clinical Symposia & AT Expo (accepted).
10. Hip and Lumbo-pelvic Biomechanics- An Integration into Rehabilitation, SPH-A584: Rehabilitation Principles and Techniques in AT II. Indiana University, March 2017, March 2018, Bloomington, IN (invited).
11. Post-operative Rehabilitation for the Excision of the Medial Hallucal Sesamoid in a Female Cross Country Runner. Annual UNC Sports Medicine Seminar, February 2015, Chapel Hill, NC (invited).
12. Presentation to the NATA Board of Directors. National Athletic Trainers' Association Clinical Symposia, June 2014, Indianapolis, IN (invited).

## CLINICAL EXPERIENCE

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2016- 2018	<b>Indiana University</b> , Bloomington, IN Assistant Athletic Trainer, Track and Field and Cross Country
2014- 2016	<b>The University of North Carolina</b> , Chapel Hill, NC Graduate Assistant Athletic Trainer, Field Hockey and Track and Field
2013	<b>Indianapolis Colts</b> , Indianapolis, IN Athletic Training Intern
2012	<b>Texas Rangers Dominican Team</b> , Boca Chica, Dominican Republic Athletic Training Student

## HONORS

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2021	Force and Motion Foundation Travel Scholarship
2021	William Prentice/MAATA (D3) Scholarship Awarded through the NATA Foundation
2019	Graduate and Professional Student Federation Travel Award
2019	American College of Sports Medicine Biomechanics Interest Group Student Research Award

	Abstract entitled Somatosensory Function and Gait Biomechanics In Individuals With Anterior Cruciate Ligament Reconstruction
2014	John W. Schrader Educational Service Award Acknowledges an undergraduate student who exemplifies the qualities, contributions and service towards athletic training education
2014	Kip Smith Commitment to Excellence Award Acknowledges outstanding clinical performance and service in the athletic training clinic
2013	Cramer Cornerstone Scholarship Awarded through the NATA Foundation
2013	Tasha E. Bolton Memorial Scholarship Big Ten Conference Student Athletic Trainer of the Year
2013	Dwayne “Spike” Dixon Award Awarded to IU ATP student who demonstrates high academic achievement and evidence of ‘success and promise’ in the profession of athletic training
2012- 2013	Founders Scholar

## PROFESSIONAL CERTIFICATIONS & MEMBERSHIPS

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2025-Present	American Society of Biomechanics
2020-Present	Athletic Trainers’ Osteoarthritis Consortium
2019- 2020	Osteoarthritis Research Society International
2018-Present	American College of Sports Medicine
2018-Present	Mid-Atlantic Athletic Trainers’ Association
2018- 2022	Instructor, ARC CPR/AED and First Aid for the Professional Rescuer
2017-Present	Structure and Function Dry Needling Certification
2017-Present	Graston Technique Specialist
2016-Present	Certified Graston Technique M2
2014-Present	Certified Graston Technique M1
2014-Present	Board of Certification, Inc., Certification #2000017006
2011-Present	National Athletic Trainers’ Association
2011-Present	ARC CPR/AED and First Aid for the Professional Rescuer