

Curriculum Vitae
FRANCESCA M. GENOESE, Ph.D., LAT, ATC, CES

Updated: January 2025

CONTACT INFORMATION

University of Wyoming
Division of Kinesiology and Health
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Laramie, WY 82071
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EDUCATION

Doctor of Philosophy – Kinesiology

Michigan State University, East Lansing, MI
College of Education; Department of Kinesiology
Concentration: Athletic Injury and Rehabilitation
Dissertation: *Pain Catastrophizing in Individuals with Anterior Cruciate Ligament Reconstruction*
Conferred: May 2024

Graduate Certificate – Serious Game Design and Research

Michigan State University, East Lansing, MI
College of Communication Arts and Sciences; Department of Media & Information
Conferred: December 2022

Master of Science – Athletic Training

University of Kentucky, Lexington, KY
College of Health Sciences; Department of Athletic Training and Clinical Nutrition
CAATE Accredited Post-Professional Program
Thesis: *The Relationship Between Injury-Related Fear and Visuomotor Reaction Time in Individuals After Anterior Cruciate Ligament Reconstruction*
Conferred: May 2019

Bachelor of Science – Athletic Training

James Madison University, Harrisonburg, VA
College of Health and Behavioral Studies; Department of Health Sciences
CAATE Accredited Undergraduate Program
Conferred: May 2017

PROFESSIONAL EXPERIENCE

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|-----------------------|--|
| 2024 – Present | Assistant Professor (August 2024 – Present)
University of Wyoming, Laramie, WY
Division of Kinesiology and Health
<u>Director</u> : Mind, Body & Sport Injury Laboratory |
| 2020 – 2024 | Graduate Research Assistant (August 2020 – May 2024)
Michigan State University, East Lansing, MI
Department of Kinesiology; Athletic Injury and Rehabilitation Laboratory |
| 2020 – 2023 | Graduate Teaching Assistant (August 2020 – December 2023)
Michigan State University, East Lansing, MI
College of Education; Department of Kinesiology |
| 2019 – 2020 | Assistant Athletic Trainer (June 2019 – June 2020)
Regis Jesuit High School – Boys Division, Aurora, CO |
| 2017 – 2019 | Graduate Assistant Athletic Trainer (August 2017 – May 2019)
Scott County High School, Georgetown, KY |

HONORS AND AWARDS

- 2026 David H. Perrin Doctoral Dissertation Award**
Awarded by the National Athletic Trainers' Association Research & Education Foundation.
Recognizes the best doctoral dissertation in athletic training and healthcare research, highlighting excellence in scholarly contribution and advancing the athletic training profession.
- 2025 Learning Actively Mentoring Program Fellowship**
Awarded by the University of Wyoming Science Initiative.
Recognizes STEM faculty dedicated to curriculum innovation and provides support to engage in a year-long intensive program focused on active learning strategies for STEM education.
- 2024 Outstanding Doctoral Student Mentor Award**
Awarded by the Michigan State University Graduate School.
Awarded to a single doctoral student across the entire university for exemplary research mentorship. This honor recognizes sustained efforts in guiding and supporting graduate and undergraduate students in research, academic development, and professional growth.
- 2024 National Doctoral Scholar Award Honorable Mention**
Awarded by the American Kinesiology Association.
Recognizes the top doctoral scholars in the field of kinesiology. The Honorable Mention signifies a 2nd-place national ranking based on exceptional academic achievement, leadership, and contributions to the advancement of the field.
- 2024 Outstanding Doctoral Student Award**
Awarded by the Michigan State University Department of Kinesiology.
Awarded to one doctoral student demonstrating outstanding scholarship, service, and contributions to the department's academic community.
- 2023 Henry J. and Betty Montoye Endowed Scholarship**
Awarded by the Michigan State University Department of Kinesiology.
Recognizes a Kinesiology PhD student who demonstrates outstanding academic achievement and significant contributions to the department's scholarly community.
- 2022 Michael B. Salwen and Okhee Lee-Salwen Endowed Scholarship**
Awarded by the Michigan State University College of Education.
Recognizes PhD students who exhibit perseverance, commitment to education, and academic excellence in the face of hardship.
- 2022 Great Lakes Athletic Trainers' Association Living Memorial Graduate Scholarship**
Awarded by the National Athletic Trainers' Association Research & Education Foundation.
Recognizes an athletic training graduate student pursuing excellence in athletic training research and professional development.
- 2019 Master's Oral Free Communications Program Award**
Awarded by the National Athletic Trainers' Association Research & Education Foundation.
Awarded to one master's student in athletic training to honor outstanding research and associated oral presentation, recognizing excellence in research communication at the national level.
- 2018 Lamar Tyer Scholarship**
Awarded by the National Athletic Trainers' Association Research & Education Foundation.
Recognizes an athletic training graduate student committed to athletic training research and leadership development.
- 2018 Graduate Athletic Training Research Award**
Awarded by the University of Kentucky Division of Athletic Training.
- 2018 Graduate Memorial Scholarship**
Awarded by the Southeastern Athletic Trainers' Association.
Recognizes an athletic training graduate student demonstrating academic excellence and leadership in athletic training.

PUBLICATIONS

The following symbols represent: * = **Genoese FM** as senior author, underline = students I have mentored/supervised

Peer-Reviewed Publications: In Press (N=1)

1. Murray M, **Genoese F**, Baez S. Motivation as a mediator of the perfectionism-athlete burnout relationship in junior and collegiate athletes: A critically appraised topic. *Int J Athl Ther Train*. Accepted 2025 May 7.

Peer-Reviewed Publications: In Print (N=14)

1. **Genoese FM**, Harkey MS, Liu T, Covassin T, Baez SE. Pain catastrophizing is associated with lower extremity visuomotor reaction time in individuals with anterior cruciate ligament reconstruction during simulated sport distraction. *J Sport Rehabil*. doi: <https://doi.org/10.1123/jsr.2025-0099>
2. Grozier CD, **Genoese F**, Collins K, Paramar A, Tolzman J, Kuenze C, Harkey MS. Prevalence of knee effusion-synovitis is not associated with self-reported knee pain in division I female athletes. *Sports Health*. doi: <https://doi.org/10.1177/19417381251323902>.
3. *Bennett A, Bartels A, Harkey M, Covassin T, Baez SE, **Genoese FM***. The relationship between active coping skills and self-reported knee function in individuals with anterior cruciate ligament reconstruction. *J Athl Train*. 2025;60(3):224-229. doi: <https://doi.org/10.4085/1062-6050-0662.23>
4. Brinkman CA, Reiche E, **Genoese FM**, Hoch JM, Baez SE. No association between injury-related fear and isokinetic quadriceps strength in individuals with a history of anterior cruciate ligament reconstruction. *J Sport Rehabil*. 2024;33(4):275-281. doi: <https://doi.org/10.1123/jsr.2023-0308>
5. Harkey MS, Driban JB, Baez SE, **Genoese FM**, Reiche E, Collins K, Walaszek M, Triplett A, Wilcox CL, Schorffhaar A, Shingles M, Joseph S, Kuenze C. Persistent early knee osteoarthritis symptoms in the first two years after ACL reconstruction. *J Athl Train*. 2024;59(9):891-897. doi: <https://doi.org/10.4085/1062-6050-0470.23>
6. **Genoese FM**, Walaszek MC, Collins K, Reiche E, Triplett A, Harkey MS, Kuenze C, Baez SE. Lower extremity visuomotor reaction time is not different between males and females following anterior cruciate ligament reconstruction. *Int J Athl Train*. 2024;29(4):202-207. doi: <https://doi.org/10.1123/ijatt.2023-0099>
7. Reiche ET, Collins KA, **Genoese FM**, Walaszek M, Triplett AN, Kuenze C, Harkey M, Baez SE. Lower extremity reaction time in individuals with contact versus noncontact anterior cruciate ligament injuries after reconstruction. *J Athl Train*. 2024;59(1):66-72. doi: <https://doi.org/10.4085/1062-6050-0428.22>
8. Baez SE, **Genoese FM**, Reiche ET, Harkey MS, Kuenze CM, Moser J, Pietrosimone B. Feasibility of mobile application-delivered mindfulness meditation for individuals with history of anterior cruciate ligament reconstruction. *Int J Athl Train*. 2023;29(2):95-100. doi: <https://doi.org/10.1123/ijatt.2023-0004>
9. Reiche ET, Lam K, **Genoese FM**, Baez SE. Integrating mindfulness to reduce injury rates in athletes: a critically appraised topic. *Int J Athl Train*. 2023;28(6):291-298. doi: <https://doi.org/10.1123/ijatt.2022-0138>
10. **Genoese FM**, Harkey MS, Baez SE. The neuromatrix theory of pain and transactional theory of stress and coping: improving understanding of pain catastrophizing in individuals with ACL reconstruction and knee osteoarthritis. *Int J Athl Train Ther*. 2022;8(2):77-83. doi: <https://doi.org/10.1123/ijatt.2022-0074>
11. **Genoese FM**, Zynda A, Ford K, Hoch MC, Covassin T, Hoch JM, Baez SE. Exploratory examination of knee self-efficacy in individuals with a history of ACL reconstruction and sport-related concussion. *J Sport Rehabil*. 2022;32(2):177-182. doi: <https://doi.org/10.1123/jsr.2022-0086>
12. **Genoese FM**, Baez SE, Hoch MC, Heebner N, Hoch JM. The relationship between injury-related fear and visuomotor reaction time in individuals with a history of anterior cruciate reconstruction. *J Sport Rehabil*. 2020;30(3):353-359. doi: <https://doi.org/10.1123/jsr.2019-0511>
13. Brinkman C, Baez SE, **Genoese FM**, Hoch JM. Use of goal setting to enhance self-efficacy after sports related injury: a critically appraised topic. *J Sport Rehabil*. 2019;29(4):498-502. doi: <https://doi.org/10.1123/jsr.2019-0032>
14. **Genoese FM**, Baez SE, Hoch JM. The association of fear-avoidance beliefs and self-reported knee function in patients with a knee injury: a critically appraised topic. *Int J Athl Ther Train*. 2018;23(5):187-191. doi: <https://doi.org/10.1123/ijatt.2017-0108>

Peer-Reviewed Publications: In Review (N=10)

1. **Genoese FM**, Harkey MS, Kuenze C, Baez SE. Self-reported symptoms of anxiety and depression are associated with knee pain severity in individuals with anterior cruciate ligament reconstruction. Submitted to *Medicine and Science in Exercise and Sport*. 2025 Dec 5.
2. Feng Z, Song Y, Mason I, Torres M, **Genoese F**, Kriegel Z, Zhu Q. The temporal specificity of motor coordination subserving successful basketball shots. Submitted to *Journal of Sport and Health Sciences*. 2025 November 25.
3. Palmer C, **Genoese F**, Kriegel Z, Zhu Q. Auditory cueing in female elite breaststroke: Effects of pace and attentional focus on performance and coordination. Submitted to *International Sport Coaching Journal*. 2025 November 21.
4. Song Y, Gilbert R, Dai B, Fong D, **Genoese F**, Gorton K, Zhu Q. Rolling after landing reduces ankle inversion and rotational parameters during trunk perturbed and unperturbed landings. Submitted to *Journal of Sport and Health Science*. 2025 November 2.
5. **Genoese FM**, Reiche ET, Harkey M, Baez SE. Upper and lower extremity visuomotor reaction time are not correlated in individuals with anterior cruciate ligament reconstruction. Submitted to *Journal of Sport Rehabilitation*. 2025 October 28.
6. Grozier CD, **Genoese FM**, Frederick IC, Klein L, Parmar A, Tolzman J, Harkey MS. Pain interference as a potential psychological marker related to early knee osteoarthritis symptoms following ACL reconstruction. Submitted to *Scandinavian Journal of Medicine & Science in Sports*. 2025 Aug 10.
7. Birchmeier T, **Genoese FM**, Walaszek M, Baez S, Kuenze C. Reactive strength index during unplanned change of direction differs between limbs 6 months after anterior cruciate ligament reconstruction. Submitted to *Sports Health*. 2025 June 2.
8. Brochin GL, Marmura H, Brinkman C, Cruz A, **Genoese F**, Baez SE. Lower self-reported knee function is associated with slower reaction time after ACL reconstruction. Submitted to *Medicine & Science in Sports & Exercise*. 2025 April 25.
9. Baez SE, Brinkman C, Reiche E, **Genoese F**, Spang J, Jochimsen KJ. Differences in daily steps between individuals with high and low kinesiphobia after ACL reconstruction. Submitted to *Clinical Journal of Sport Medicine*. 2024 June 12. *In revision*.
10. Baez SE, Reiche ET, **Genoese FM**, Walaszek MC, Collins KA, Triplett AN, Harkey MS, Kuenze CM. Adolescents and adults experience a different psychological response to injury after ACL reconstruction. Submitted to *Physical Therapy in Sport*. 2024 June.

Peer-Reviewed Publications: In Preparation (N=3)

1. **Genoese FM**, Harkey M, Baez SE. The influence of emotion regulation strategies on subjective knee pain in individuals with anterior cruciate ligament reconstruction. Journal TBD.
Status: Manuscript drafting in progress.
2. *Torres M, Correia F, Johnson E, Keith JF, **Genoese FM***. Feasibility and acceptability of a live high, train low protocol in acclimatized endurance athletes. Submitting to *Journal of Science and Medicine in Sport*.
Status: Under final review by co-authors.
3. **Genoese FM**, Liu T, Harkey M, Covassin T, Baez S. The relationship between pain catastrophizing and neural activity in individuals with anterior cruciate ligament reconstruction: An exploratory functional magnetic resonance imaging study. Journal TBD.
Status: Manuscript drafting in progress.

Textbook Contributions (N=1)

1. **Genoese FM** and Baez SE. Chapter 14 special interest box: The fear of moving. In: Andreatta R, ed. *Neuroscience Fundamentals for Communication Sciences and Disorders*. 2nd edition. Plural Publishing; 2022.

PRESENTATIONS

Invited Presentations: Conferences (N=1)

1. **Genoese FM.** Psychological responses to injury and approaches to rehabilitation. *Athletic Trainers' Association of Florida Annual Clinical Symposia*. April 5, 2025. Virtual presentation.

Invited Presentations: External Institutions & Organizations (N=9)

1. **Genoese FM.** Using imagery to enhance outcomes after sports injury. *University of North Carolina at Chapel Hill Department of Exercise and Sport Science*. November 6, 2025. Virtual presentation.
2. **Genoese FM.** Understanding and managing pain after sports injuries: A psychological perspective. *Shenandoah University Exercise Science Program*. October 7, 2025. Virtual presentation.
3. **Genoese FM.** Advancing injury assessment and management through psychologically informed practice. *Baylor University Master of Science in Athletic Training Program*. October 7, 2025. Virtual presentation.
4. **Genoese FM.** Exploring the dynamics of psychological, neurocognitive, and pain-related responses after ACL Injury. *University of North Carolina at Chapel Hill Psychology of Sport Injury Research Laboratory*. March 18, 2025. Chapel Hill, NC.
5. **Genoese FM, Silversen O, Zynda A.** Transitioning from Ph.D. to Workforce. *Michigan State University Kinesiology Graduate Student Organization*. November 1, 2024. Virtual presentation.
6. **Genoese FM.** Psychologically informed assessment and management of pain after sports-related injuries. *Healthy Roster, LLC*. October 15, 2024. Virtual presentation.
7. **Genoese FM.** Psychologically informed practice for sports-related injuries. *Baylor University Master of Science in Athletic Training Program*. September 24, 2024. Virtual presentation.
8. **Genoese FM.** Exploring the dynamics of psychological, neurocognitive, and pain-related responses after ACL Injury. *International Musculoskeletal Mental & Social Health Consortium*. April 19, 2024. Virtual presentation.
9. **Genoese FM, Baez SE.** Pain & the brain: Psychological aspects of pain and cognitive-behavioral interventions for pain management after sports-related injuries. *QuadroAthletics*. September 12, 2023. Istanbul, Turkey. Virtual presentation.

Invited Presentations: Internal Organizations (N=5)

1. **Genoese FM.** An academic roadmap for pursuing a degree in kinesiology and health. *University of Wyoming Athletics*. July 14, 2025. Laramie, WY.
2. **Genoese FM.** Using AI to enhance teaching. *University of Wyoming Ellbogen Center for Teaching and Learning AI Learning Community*. April 8, 2025. Laramie, WY.
3. **Genoese FM.** Pursuing an education and career in sports medicine. *University of Wyoming Phi Epsilon Kappa Professional Fraternity Speaker Series*. February 27, 2025. Laramie, WY.
4. **Genoese FM.** From ATC to PhD: Navigating a career path in sports medicine. *Michigan State University Phi Epsilon Kappa Professional Fraternity Speaker Series*. November 7, 2023. East Lansing, MI.
5. **Genoese FM.** Strategies for leading a healthy, mindful, and physically active lifestyle. *Michigan State University Changing Health, Attitudes and Actions to Recreate Girls (CHAARG) Event Series*. March 1, 2023. East Lansing, MI.

Conference Symposium Presentations: Presented (N=4)

1. Baez SE, **Genoese FM**, Brinkman C. Demystifying the rehabilitation specialist perspective of psychologically informed practice: identification of barriers, benefits, and opportunities for collaboration. *Association for Applied Sport Psychology Annual Symposium*. Las Vegas, Nevada. October 2024.
2. **Genoese FM**, Baez SE. Pain & the brain: Psychological assessment and intervention for pain management after sports-related injuries. *National Athletic Trainers' Association Clinical Symposia*. New Orleans, Louisiana. June 2024.
3. Reiche ET, **Genoese FM**. Think fast! Incorporating perceptual-motor functioning into rehabilitation after ACL reconstruction. *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.

4. **Genoese FM**, Baez SE. Pain & the brain: psychological aspects of pain and alternative intervention strategies for pain management. *Mid-Atlantic Athletic Trainers' Association Annual Symposium*. Virginia Beach, Virginia. May 2023.

Conference Symposium Presentations: Submitted (N=2)

1. **Genoese FM**. Leveling up musculoskeletal rehabilitation through serious games and gamification. Submitted for lecture presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2026.
2. Cheever K, **Genoese FM**. From silence to support: Facilitating early disclosure of musculoskeletal injury. Submitted for interactive lecture presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2026.

Peer-Reviewed Abstract Presentations: Presented (N=50)

The following symbols represent: * = **Genoese FM** as senior author, underline = students I have mentored/supervised

Local

1. *Vonderlage J, **Genoese FM***. The relationship between injury-related fear and brain activity in individuals with anterior cruciate ligament reconstruction. Poster presentation at the *Carleton College Undergraduate Research Symposium*. Northfield, Minnesota. October 2025.
2. *Pohl C, Oku E, Baez SE, Harkey M, **Genoese FM***. Comparison of perceived social support between males and females with anterior cruciate ligament reconstruction. Poster presentation at the *Michigan State University Undergraduate Research and Arts Forum*. East Lansing, Michigan. April 2024.
3. *Oku E, Pohl C, Harkey M, **Genoese FM***. Differences in kinesiophobia between individuals with and without history of anterior cruciate ligament reconstruction. Poster presentation at the *Michigan State University Undergraduate Research and Arts Forum*. East Lansing, Michigan. April 2024.
4. Pohl C, Oku E, **Genoese FM**, Harkey M, Baez SE. Differences in risk appraisal for sport between individuals with and without history of anterior cruciate ligament reconstruction. Oral presentation at the *Michigan State University Undergraduate Research and Arts Forum*. East Lansing, Michigan. April 2023.
5. Oku E, Pohl C, **Genoese FM**, Harkey M, Baez SE. Differences in confidence for sport between individuals with and without history of anterior cruciate ligament reconstruction. Poster presentation at the *Michigan State University Undergraduate Research and Arts Forum*. East Lansing, Michigan. April 2023. ***1st Place Best Kinesiology Poster Award***

State/Regional

6. Torres M, Keith J, **Genoese FM**, Nimmo B, Johnson EC. Endurance protocol with moderate altitude-acclimatized athletes post- live-high train-low intervention: a pilot study. Poster presentation at the *Rocky Mountain American College of Sports Medicine Regional Annual Meeting*. Colorado Springs, Colorado. April 2025. ***Master's Student Poster Presentation Award***
7. **Genoese FM**, Baez SE. The association of injury-related fear and self-reported knee function with visuomotor reaction time after anterior cruciate ligament reconstruction. Poster presentation at the *Michigan Athletic Trainers' Society Annual Symposium*. East Lansing, Michigan. June 2024.
8. Desai P, **Genoese F**, Reiche E, Baez SE. No association between injury-related fear and isokinetic quadriceps strength in individuals with a history of anterior cruciate ligament reconstruction. Virtual Poster presentation at the *Michigan Osteopathic Association Virtual Scientific Research Exhibit*. October 2021. ***2nd Place Best Poster Award***
9. ***Genoese FM***. Acute compartment syndrome of the anterolateral lower leg. Oral presentation at the *Virginia Athletic Trainers' Association Annual Meeting and Clinical Symposium*. Virginia Beach, Virginia. January 2016.

National/International

10. Murray M, **Genoese FM**, Baez SE. Motivation as a mediator of the perfectionism-athlete burnout relationship in junior and collegiate athletes. Accepted for presentation at the *Association for Applied Sport Psychology Annual Symposium*. Vancouver, Canada. October 2025.

11. **Genoese FM**, Harkey M, Liu T, Covassin T, Baez SE. Pain catastrophizing is associated with slower lower extremity visuomotor reaction time among individuals with ACL reconstruction during simulated sport distraction. Poster presentation at the *National Athletic Trainers' Association Clinical Symposia*. Orlando, Florida. June 2025.
12. Torres M, Keith J, **Genoese FM**, Nimmo B, Johnson EC. Endurance protocol with moderate altitude-acclimatized athletes post- live-high train-low intervention: a pilot study. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Atlanta, Georgia, May 2025.
13. **Genoese FM**, Harkey M, Baez SE. The influence of emotion regulation strategies on subjective knee pain in individuals with anterior cruciate ligament reconstruction. Poster presentation at the *United States Association for the Study of Pain Annual Meeting*. Chicago, Illinois. May 2025.
14. **Genoese FM**, Harkey M, Baez SE. Greater trait mindfulness is associated with lower depression symptoms in individuals with anterior cruciate ligament reconstruction. Poster presentation at the *Pediatric Research in Sports Medicine Society Annual Meeting*. Columbus, Ohio. January 2025.
15. Brinkman CA, **Genoese FM**, Baez SE. The relationship between psychological readiness to return to sport and athlete coping skills after ACL reconstruction. Poster presentation at the *Association for Applied Sport Psychology Annual Symposium*. Las Vegas, Nevada. October 2024.
16. **Genoese FM**, Reiche ET, Harkey MS, Baez SE. Constructs of pain catastrophizing are associated with knee pain severity in individuals with ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. New Orleans, Louisiana. June 2024.
17. Birchmeier TB, Baez SE, Collins K, **Genoese F**, Walaszek MC, Kuenze CM. Change of direction performance does not improve from 6 to 9 months post-ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. New Orleans, Louisiana. June 2024.
18. Reiche ET, **Genoese FM**, Coffman C, Pontifex M, Baez SE. Self-reported knee symptoms influence emotional responses post-ACL reconstruction. Poster presentation at the *National Athletic Trainers' Association Clinical Symposia*. New Orleans, Louisiana. June 2024.
19. **Genoese FM**, Harkey MS, Kuenze CK, Baez SE. Self-reported anxiety symptoms are associated with knee pain severity in individuals with ACL reconstruction. Poster presentation the *American College of Sports Medicine Annual Meeting*. Boston, Massachusetts. May 2024.
20. Reiche ET, **Genoese FM**, Brinkman C, Baez SE. Multiple object tracking and knee symptoms in healthy controls and individuals with ACLR. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Boston, Massachusetts. May 2024.
21. Grozier CD, **Genoese F**, Collins K, Parmar A, Tolzman J, Winn B, Fajardo R, Kuenze C, Harkey MS. Knee effusion-synovitis is not associated with self-reported knee pain in division I female athletes. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Boston, Massachusetts. May 2024.
22. Baez SE, Reiche ET, **Genoese FM**, Jochimsen K. No sex differences in kinesiophobia in individuals with a history of ACL reconstruction. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Boston, Massachusetts. May 2024.
23. Grozier CD, Frederick I, **Genoese F**, Collins K, Parmar A, Tolzman J, Fajardo R, Kuenze C, Harkey M. The impact of knee effusion-synovitis on early osteoarthritis symptoms: an ultrasound study in participants post anterior cruciate ligament reconstruction. Poster presentation at the *Osteoarthritis Research Society International World Congress*. Vienna, Austria. April 2024.
24. Walaszek MC, Collins K, **Genoese F**, Reiche E, Baez S, Harkey M, Kuenze C. Vertical ground reaction force symmetry during a drop vertical jump task is associated with patient-reported function after anterior cruciate ligament reconstruction. Poster presentation at the *American Society of Biomechanics Annual Meeting*. Knoxville, Tennessee. August 2023.
25. **Genoese FM**, Reiche ET, Collins KA, Walaszek CM, Harkey MS, Kuenze C, Baez SE. Sex differences in self-reported symptoms of anxiety, but not depression, among individuals with ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.

26. *Baez SE, Reiche E, **Genoese FM***. Simple reaction time is associated with self-reported knee function in patients after ACL reconstruction. Poster presentation at the *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.
27. Birchmeier TB, Baez SE, Collins K, **Genoese FM**, Walaszek MC, Kuenze CM. Is it time to change directions in return to sport testing after ACL reconstruction? Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.
28. Brinkman C, Reiche E, **Genoese FM**, Hoch J, Hoch M, Baez SE. No association between injury-related fear and isokinetic quadriceps strength in individuals with history of ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.
29. Reiche E. **Genoese FM**, Brinkman CA, Baez SE. Kinesiophobia is associated with lower extremity perceptual-motor function after ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.
30. **Genoese FM**, Reiche ET, Harkey M, Baez SE. No differences in lower extremity visuomotor reaction time between individuals with and without ACL reconstruction. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Denver, Colorado. May 2023.
31. Reiche ET, Chandler MC, Coffman CA, **Genoese FM**, Pontifex MB, Baez SE. No difference in emotional response between threatening sport and non-sport images in individuals after ACL reconstruction. Oral presentation at the *American College of Sports Medicine Annual Meeting*. Denver, Colorado. May 2023.
32. *Baez SE, Reiche ET, Brinkman C, **Genoese FM***. Differences in physical activity between individuals with high and low kinesiophobia after ACL reconstruction. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Denver, Colorado. May 2023.
33. Birchmeier TB, Baez SE, Collins K, **Genoese FM**, Walaszek MC, Kuenze CM. Sex related differences in laboratory- and field-based change of direction tasks after ACL reconstruction. Poster presentation at the *American College of Sports Medicine Annual Meeting*. Denver, Colorado. May 2023.
34. Walaszek M, Collins K, **Genoese F**, Reiche E, Triplett A, Harkey MS, Baez S, Shingles M, Kuenze C. Rehabilitation phase does not influence isokinetic quadriceps and hamstring strength symmetry following anterior cruciate ligament reconstruction. Poster presentation at the *Pediatric Research in Sports Medicine Society Annual Meeting*. Anaheim, California. February 2023.
35. **Genoese FM**, Harkey MS, Kuenze CM, Baez SE. The relationship between pain catastrophizing and reaction time in individuals with ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2022.
36. Reiche ET, **Genoese FM**, Harkey MS, Collins K, Walaszek M, Triplett A, Kuenze CM, Baez. No differences in lower extremity visuomotor reaction time between patients with contact and non-contact ACL injuries. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2022.
37. Baez SE, **Genoese FM**, Harkey MS, Pietrosimone B, Kuenze CM. Mobile-delivered mindfulness meditation in individuals with ACL reconstruction: A phase I, single-arm feasibility study. Poster presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2022.
38. Harkey MS, Baez SE, **Genoese FM**, Reiche E, Collins K, Walaszek M, Triplett A, Wilcox CL, Schorfhaar A, Shingles M, Kuenze C. The majority of individuals meet criteria for early knee osteoarthritis symptoms throughout the first two years post-ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2022.
39. Kuenze C, Collins K, Walaszek MC, **Genoese F**, Reiche E, Triplett AN, Harkey MS, Wilcox CL, Schorfhaar A, Shingles M, Joseph S, Baez SE. Adolescents and adults experience different psychological response to injury five months after ACL reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, Pennsylvania. June 2022.
40. Harkey MS, Baez SE, **Genoese FM**, Reiche E, Collins K, Walaszek M, Triplett A, Wilcox CL, Schorfhaar A, Shingles M, Joseph S, Kuenze C. Longitudinal change in the prevalence of early knee osteoarthritis symptoms across various time-periods after anterior cruciate ligament reconstruction.

Poster presentation at the *Osteoarthritis Research Society International World Congress on Osteoarthritis*. Berlin, Germany. April 2022.

41. Kuenze C, Collins K, Hart JM, Grindstaff TL, Baez SE, Walaszek M, Triplett AN, Lisee C, Birchmeier T, **Genoese F**, Reiche E, Harkey MS. Adults are more likely than adolescents to report early knee OA symptoms 6 months after anterior cruciate ligament reconstruction. Oral presentation at the *Osteoarthritis Research Society International World Congress on Osteoarthritis*. Berlin, Germany. April 2022.
42. **Genoese FM**, Walaszek MC, Collins KA, Reiche ET, Triplett AN, Harkey MS, Kuenze CH, Baez SE. Sex differences in lower extremity visuomotor reaction time in individuals with history of ACL reconstruction. Oral presentation at *ACL Research Retreat IX*. High Point, North Carolina. March 2022.
43. Walaszek MW, Collins KA, **Genoese FM**, Reiche ET, Triplett AN, Harkey M, Baez SE, Kuenze CH. Landing kinetics do not differ based on meniscal surgical interventions at the time of ACL reconstruction. Oral presentation at *ACL Research Retreat IX*. High Point, North Carolina. March 2022.
44. Reiche ET, Collins KA, **Genoese FM**, Walaszek MC, Triplett AN, Harkey MS, Kuenze CH, Baez SE. Elevated injury-related fear is associated with greater knee abduction angle during jump-landing in individuals with ACL reconstruction. Oral presentation at *ACL Research Retreat IX*. High Point, North Carolina. March 2022.
45. **Genoese FM**, DeFreese JD, Hoch MC, Hoch JM, Baez SE. No sex differences in knee self-efficacy in patients after anterior cruciate ligament reconstruction. Virtual oral presentation at the *Association for Applied Sport Psychology Annual Symposium*. October 2021.
46. *Baez SE, **Genoese FM***. Injury-related fear and knee pain in individuals with a history of anterior cruciate ligament reconstruction. Virtual poster presentation at the *Association for Applied Sport Psychology Annual Symposium*. October 2021.
47. **Genoese FM**, Baez SE, Hoch MC, Hoch JM. Pain catastrophizing is associated with knee-related quality of life in individuals with a history of anterior cruciate ligament reconstruction. Virtual oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. June 2021.
48. Baez SE, **Genoese FM**, Hoch MC, Hoch JM. History of sport-related concussion negatively influences knee self-efficacy in individuals with a history of ACL reconstruction. Virtual oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. June 2021.
49. **Genoese FM**, Baez SE, Hoch JM. Iron deficiency anemia induced peripheral neuropathy in an adolescent athlete: a level 4 RARE events case study. Virtual oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. June 2020.
50. **Genoese FM**, Baez SE, Hoch MC, Heebner N, Hoch JM. The relationship between injury-related fear and visuomotor reaction time in individuals after anterior cruciate ligament reconstruction. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Las Vegas, Nevada. June 2019. *****National Athletic Trainers' Association Research and Education Foundation Master's Oral Award Winner*****

Peer-Reviewed Abstract Presentations: Submitted (N=3)

1. **Genoese FM**, Harkey MS, Liu T, Covassin T, Baez SE. Mental health symptoms are related to changes in lower extremity visuomotor reaction time under simulated sport distraction in individuals with ACL reconstruction. Submitted to *ACL Research Retreat X*. Chapel Hill, North Carolina. April 2026.
2. **Genoese FM**, Harkey MS, Liu T, Covassin T, Baez SE. Differences in landing force symmetry during simulated sport distraction in individuals with ACL reconstruction. Submitted to the *American College of Sports Medicine Annual Meeting*. Salt Lake City, Utah. May 2026.
3. **Genoese FM**, Harkey MS, Liu T, Covassin T, Baez SE. Depression symptoms are related to greater asymmetries in limb loading when landing during simulated sport distraction among individuals with ACL reconstruction. Submitted to the *National Athletic Trainer's Association Clinical Symposia*. Philadelphia, PA. June 2026.

Media Appearances (N=2)

Podcasts

Genoese FM. *Journal of Athletic Training (JAT) Chat.* Active coping skills and ACL reconstruction. April 4, 2025.

Genoese FM. *Pitchside Performance Podcast.* Psychological responses to injury. January 13, 2025.

FUNDING ACTIVITIES

Research Grants

- 2026-2029
PREPARING National Athletic Trainers' Association Research and Education Foundation
New Investigator Grant
Evaluation of an Immersive Virtual Reality Exergaming Intervention for Individuals with Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$20,000 (Total)
Submission Deadline: 02/15/2026
- 2026-2028
IN REVIEW Wyoming Department of Health
Community Prevention Grant
Understanding Pain- and Opioid-Related Knowledge and Behaviors Among Student-Athletes and Certified Athletic Trainers
Role: PI
Amount: \$121,510 (Total)
Submitted: 03/2025
- Not Funded* National Athletic Trainers' Association Research and Education Foundation
New Investigator Grant
Immersive Virtual Reality Exergaming for Individuals with Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$19,656 (Total)
Submitted: 02/2025
- Not Funded* University of Wyoming
Faculty Grant-in-Aid Program
Comparison of Perceived and Physiological Stress in Individuals With and Without Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$10,575 (Total)
Submitted: 02/2025
- 2022-2024 Great Lakes Athletic Trainers' Association
Gordy Stoddard Research Assistance Award
The Effect of Immersive Visual and Auditory Distraction on Lower Extremity Visuomotor Reaction Time and Jump-Landing Biomechanics in Individuals with Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$1,376 (Total)
- 2022 Michigan State University Department of Kinesiology
Practicum Funding
The Relationship Between Upper and Lower Extremity Visuomotor Reaction Time in Individuals with ACL Reconstruction
Role: PI
Amount: \$1,800 (Total)
- 2021 - 2023 Michigan Athletic Trainers' Society
Research Assistance Grant
The Association of Injury-Related Fear and Self-Reported Knee Function with Visuomotor Reaction Time After Anterior Cruciate Ligament Reconstruction

Role: PI
Amount: \$500 (Total)

2018-2019 University of Kentucky Division of Athletic Training
Graduate Athletic Training Research Award
The Relationship Between Fear-Avoidance Beliefs, Neurocognitive Reaction Time, and Visuomotor Reaction Time in Patients Post-Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$367 (Total)

Training Grants & Fellowships

2024 Michigan State University College of Education
Dissertation Completion Fellowship
Pain Catastrophizing in Individuals with Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$9,000 (Total)

2023 Michigan State University College of Education
Summer Research Fellowship
Effects of Immersive Distraction on Visuomotor Reaction Time and Jump-Landing Biomechanics in Individuals with Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$7,000 (Total)

2022 Michigan State University College of Education
Summer Research Fellowship
Association of Injury-Related Fear, Knee Function, and Visuomotor Reaction Time in Individuals After Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$6,000 (Total)

2021 Michigan State University College of Education
Summer Research Development Fellowship
Sex Differences in Brain Activity in Emotional Regulation Centers in Patients After Anterior Cruciate Ligament Reconstruction
Role: PI
Amount: \$6,000 (Total)

TEACHING EXPERIENCE

University of Wyoming; Division of Kinesiology and Health

Undergraduate Courses: Instructor

Kinesiology 4900: Psychology of Injury

Course Description: This course focuses on theory and practical applications related to biopsychosocial variables of injury and rehabilitation in the athlete. ~20 students.

- Fall 2025

Kinesiology 3050: Care and Prevention of Athletic Injury

Course Description: This course provides knowledge and skills necessary to prevent injuries, manage emergency situations, and provide basic care for an injured athlete. ~30 students.

- Spring 2026
- Fall 2025

Kinesiology 3038: Exercise Psychology

Course Description: This course studies psychological theories for understanding and predicting health-oriented exercise behavior, including psychological intentions for increasing exercise participation and adherence. ~60 students.

- Spring 2025
- Fall 2024

Graduate Courses: Instructor

Kinesiology 5586-01: Biopsychosocial Aspects of Athletic Injury

Course Description: This course examines theory, research, and applied practice related to the biopsychosocial approach to athletic injury and rehabilitation. ~10 students.

- Spring 2026

Course Credit Research Laboratory Experiences

KIN 4016: Research Experience in Kinesiology & Health

Course Description: Variable credit course offered to students who wish to gain research experience in Kinesiology and Health. Students apply their academic knowledge in a research setting, building essential skills for careers in kinesiology and health.

Student	Semester & Year	Credits
Tyler Riesen	Spring 2026	2
Katelyn Kalasinsky	Fall 2025	1
Macei Engelke	Fall 2025	2

New Course Development

2026 Kinesiology 5030: Biopsychosocial Aspects of Athletic Injury

Created KIN 5030 (Graduate) to address a critical curricular gap in rehabilitation science by integrating biopsychosocial frameworks, contemporary research, and applied approaches to injury and recovery.

2025 Kinesiology 3039: Psychology of Injury and Rehabilitation

Created KIN 3039 (Undergraduate) to expand psychology content in the Division by addressing psychological factors influencing injury and recovery, preparing students for careers in health professions.

Curriculum Modification

2025 Kinesiology 3038: Behavior and Performance in Exercise and Sport

Redesigned the pre-existing Exercise Psychology course (KIN 3038) to incorporate sport psychology content, optimizing course structure, learning outcomes, and undergraduate relevance.

Invited Guest Lectures

1. **Genoese FM.** From ATC to PhD: Navigating a career path in sports medicine. *University of Wyoming Division of Kinesiology and Health; Introduction to Kinesiology (KIN 1006).* November 19, 2025. Laramie, WY.
2. **Genoese FM.** An academic roadmap for pursuing a degree in kinesiology and health. *University of Wyoming Athletics; Student Athlete Success (UWYO 1050).* September 22, 2025. Laramie, WY.
3. **Genoese FM.** Bridging clinical practice and academic scholarship as a certified athletic trainer. *University of Wyoming Division of Kinesiology and Health; Science of Human Movement (KIN 1101).* April 28, 2025. Laramie, WY.
4. **Genoese FM.** Where mind and body meet: pursuing a career in sport psychology and athletic training. *University of Wyoming Division of Kinesiology and Health; Introduction to Kinesiology (KIN 1006).* February 21, 2024. Laramie, WY.
5. **Genoese FM.** Bridging clinical practice and academic scholarship as a certified athletic trainer. *University of Wyoming Division of Kinesiology and Health; Science of Human Movement (KIN 1101).* November 8, 2024. Laramie, WY.

Michigan State University; Department of Kinesiology

Undergraduate Courses: Instructor

Kinesiology 424: Psychology of Injury

Course Description: This course explores the theory and research related to the psychological aspects of injury and injury rehabilitation. The focus is on theory and application of various psychological concepts. ~40 students.

- Fall 2023

Kinesiology 127: Taping and Bracing for Athletic Injury

Course Description: This course provides introductory taping and wrapping skills accomplished through reading, practice, and multiple learning opportunities of trial and error. ~25 students.

- Fall 2023; 2 sections

- Spring 2023; 2 sections
- Fall 2022; 2 sections
- Spring 2022; 2 sections
- Fall 2021; 2 sections

Kinesiology 126: Introduction to Athletic Injury

Course Description: This course introduces students to basic principles of athletic training and athletic injury and assist them in gaining knowledge of it as a health care profession. ~40 students.

- Spring 2023
- Fall 2022
- Spring 2022
- Spring 2021

Kinesiology 103D: General Conditioning I

Course Description: This course introduces students to physical fitness, exercise, and health principles and practices applied to personal exercise and health programs through activities such as target heart rate monitoring, body measurements, posture analysis, and energy intake and expenditure assessments. ~25 students.

- Fall 2020; 2 sections

Graduate Courses: Teaching Assistant

Kinesiology 838: General Medical Conditions for Athletic Trainers

Course Description: This course focuses on the key concepts of evaluation, diagnosis, and management of general medical conditions commonly seen in the athlete. ~12 students.

- Spring 2023
- Spring 2022

Kinesiology 833: Foundations of Therapeutic Intervention

Course Description: This course highlights development, implementation, evaluation of treatment plans, therapeutic modalities, and rehabilitation interventions for treating lower body injuries and general health conditions. ~12 students.

- Fall 2023
- Fall 2022
- Fall 2021

Non-Credit Instruction

Honors Options – KIN 424: Psychology of Injury

Honors Options is one way in which MSU undergraduate students who are enrolled in non-Honors courses can earn an Honors experience. An Honors Option is more advanced work than what is required of all students in a regular course and must be reviewed by the course instructor.

Semester and Year	Student	Topic
Fall 2023	Katie Kaberle	Patient-practitioner interactions to maximize psychological health in physical therapy settings
	Lauren Lopez	The use of psychological skills training among certified athletic trainers
	Jula Krantz	The impact of psychological interventions in a physical therapy setting

Invited Guest Lectures

1. **Genoese FM.** Using imagery to enhance clinical outcomes after sports injury. *Michigan State University Department of Kinesiology; Athletic Training Practicum V (KIN 806).* September 28, 2023. East Lansing, MI.
2. **Genoese FM.** Psychological responses after injury and considerations for rehabilitation. *Michigan State University Department of Kinesiology; Introduction to Athletic Injury (KIN 126).* November 2, 2021. East Lansing, MI.
3. **Genoese FM.** Establishing effective communication strategies between sports medicine personnel and coaching staffs. *Michigan State University Department of Kinesiology; Principles of Coaching II (KIN 401).* March 31, 2021. East Lansing, MI.
4. **Genoese FM.** Determining level of evidence and strength of recommendation in sports medicine literature. *Michigan State University Department of Kinesiology; Injury Control in Sport and Physical Activity (KIN 825).* February 15, 2021. East Lansing, MI.

MENTORSHIP EXPERIENCE

The following symbols represent: * = committee chair/primary supervisor, † = committee member, ‡ = mentored during my PhD training

Graduate Student Research Mentorship (N=20)

University of Wyoming (Fall 2024 – Present)

1. *Gaines Jordan: Kinesiology and Health master's student. Thesis Title: TBD. Fall 2025 – Present.
2. *Anna Mesecher: Kinesiology and Health master's student. Thesis Title: TBD. Fall 2025 – Present.
3. *Oscar Martinez: Kinesiology and Health master's student. Thesis Title: TBD. Fall 2025 – Present.
4. *Rachael Hamilton: Kinesiology and Health master's student. Thesis Title: TBD. Fall 2025 – Present.
5. †Danika Weber: Kinesiology and Health master's student. Thesis Title: TBD. Fall 2025 – Present.
6. †Libby Berryhill-Worshek: Kinesiology and Health master's student. Thesis Title: A Comparison of the Health Benefits of Run-Training and Racing a Marathon Versus a 5K. Fall 2025 – Present.
7. †Michael Torres: Kinesiology and Health master's student. Thesis Title: Skeletal Muscle Reformation Markers in Moderate Altitude-Acclimatized Athletes Post Live-High Train-Low Intervention. Fall 2024 – Spring 2025.
8. †Reilly Gilbert: Kinesiology and Health master's student. Thesis Title: Assessing the Effects of Landing Strategy and Mid-Air Perturbation on Biomechanical Risk-Factors for Lateral Ankle Sprain. Fall 2024 – Spring 2025.
9. †Jason Feng: Kinesiology and Health master's student. Thesis Title: Adjustments of Upper-Lower Limb Coordination for Swishes of Basketball Throws at Various Distances. Fall 2024 – Spring 2025.
10. †Carly Palmer: Kinesiology and Health master's student. Thesis Title: Auditory Cueing in Elite Breaststroke: Effects of Pace and Attentional Focus on Performance and Coordination. Fall 2024 – Spring 2025.

Michigan State University (Fall 2020 – Spring 2024)

11. ‡Jessica Tolzman: Kinesiology master's student. Fall 2022 – Spring 2024.
12. ‡Aliana Madrigal: Athletic Training master's student. Fall 2022 – Spring 2024.
13. ‡Elly Maheras: Athletic Training master's student. Fall 2021 – Spring 2023.
14. ‡Autumn Bennett: Athletic Training master's student. Fall 2021 – Spring 2023.
15. ‡Veronica Lincoln: Athletic Training master's student. Fall 2021 – Spring 2022.
16. ‡Kevin Lam: Master of Science in Athletic Training student. Fall 2021 – Spring 2022.
17. ‡Kayla Ford: Kinesiology master's student. Fall 2021 – Spring 2022.
18. ‡Brandon DeSmyter: Kinesiology master's student. Fall 2021 – Spring 2022.
19. ‡Megan Murray: Kinesiology master's student. Fall 2020 – Spring 2022.
20. ‡Aaron Clifton: Post-Professional Athletic Training master's student. Fall 2020 – Spring 2021.

Undergraduate Student Research Mentorship (N=13)

1. *Tyler Riesen: University of Wyoming Kinesiology and Health undergraduate research intern in the Mind, Body & Sport Injury Laboratory. Spring 2025.
2. *Katelyn Kalasinsky: University of Wyoming Kinesiology and Health undergraduate research intern in the Mind, Body & Sport Injury Laboratory. Fall 2025.
3. *Macei Engelke: University of Wyoming Kinesiology and Health undergraduate research intern in the Mind, Body & Sport Injury Laboratory. Fall 2025.
4. *Jonathan Vonderlage: Carleton College Psychology undergraduate student and summer intern in the University of Wyoming Mind, Body & Sport Injury Laboratory. Summer 2025.

5. †Morayo Abbey-Bada: Duke University Psychology & Neuroscience undergraduate student. Summer 2024.
6. †Charlotte Pohl: Michigan State University Kinesiology undergraduate research assistant in the Athletic Injury and Rehabilitation Laboratory. Fall 2022 – Spring 2024.
7. †Emiko Oku: Michigan State University Kinesiology undergraduate research assistant in the Athletic Injury and Rehabilitation Laboratory. Fall 2022 – Spring 2024.
8. †Luis Ybarra: Michigan State University Summer Research Opportunities Program (SROP) participant. Summer 2021.
9. †Lauren Grasso: Michigan State University Kinesiology undergraduate research assistant in the Behavioral Research and Athletic Injury Neuroscience Laboratory. Fall 2020 – Spring 2022.
10. †Josh Stevens: Michigan State University Kinesiology undergraduate research assistant in the Behavioral Research and Athletic Injury Neuroscience Laboratory. Fall 2020 – Spring 2022.
11. †Kayla Ford: Michigan State University Summer Research Opportunities Program (SROP) participant. Summer 2020.

Medical Student Research Mentorship (N=1)

1. †Puja Desai: Michigan State University medical student research assistant in the Behavioral Research and Athletic Injury Neuroscience Laboratory. Fall 2021 - Spring 2022.

Undergraduate Student Teaching Mentorship (N=12)

Michigan State University (Fall 2020 – Spring 2024)

1. †Christian Lund: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Fall 2023 – Present.
2. †Jaden Payne: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Fall 2023 – Present.
3. †Aubrey Vitale: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 126: Introduction to Athletic Injury. Spring 2023.
4. †Charly May: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Spring 2023 – Present.
5. †Brylee Allred: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Fall 2022 – Present.
6. †Ian Frederick: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Spring 2022 – Spring 2023.
7. †Alaina Rigler: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 126: Introduction to Athletic Injury. Spring 2022.
8. †Sydney McCann: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Spring 2022.
9. †Roshawn Rogers: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Spring 2022 – Fall 2022.
10. †Lina Heinzmann: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Spring 2022 – Fall 2022.
11. †Catilin Magolan: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Fall 2021 – Fall 2022.
12. †Lucas Kofelda: Michigan State University Kinesiology undergraduate student teaching assistant. KIN 127: Taping and Bracing for Athletic Injury. Fall 2021 – Spring 2022.

SERVICE

Professional Service

Manuscript Ad Hoc Reviewer

2024 - Archives of Bone and Joint Surgery (IF = 1.8).....# of reviews = 1
2021 - International Journal of Athletic Therapy and Training (IF = 0.4).....# of reviews = 10
2022 - International Journal of Sports Physical Therapy (IF = 2.1).....# of reviews = 1
2024 - Journal of Athletic Training (IF = 2.6).....# of reviews = 4
2020 - Journal of Sport Rehabilitation (IF = 1.5).....# of reviews = 6
2020 - Scandinavian Journal of Medicine and Science in Sports (IF = 3.8).....# of reviews = 2

Conference Moderator

National Athletic Trainers' Association Clinical Symposia Free Communications Program Moderator (June 2023 – Present)

Conference Program Reviewer

National Athletic Trainers' Association Research and Education Foundation Proposal Reviewer (August 2023)

University Service

UW Phi Epsilon Kappa Professional Fraternity Faculty Advisor (Fall 2025 – Present)

UW Artificial Intelligence Committee Member (Summer 2025 – Present)

UW Vida Volunteer Student Organization Faculty Advisor (Fall 2024 – Present)

MSU Graduate School Immersive Visualization Institute Panelist (June 2024)

MSU Digital Scholarship Laboratory Advisory Board Member (Fall 2023 – Spring 2024)

MSU Exercise is Medicine on Campus Graduate Student Panelist (Fall 2022)

College Service

UW College of Health Sciences Pre-Health Professions Interview Panelist (February 2025)

MSU College of Education Early Success Scholars Kinesiology Program Panelist (Summer 2022)

Departmental Service

UW Division of Kinesiology and Health Tenure-Track Biomechanics Faculty Search Committee Member (Fall 2025)

UW Division of Kinesiology and Health Work Area Emergency Coordinator (Summer 2025 – Present)

UW Division of Kinesiology and Health Graduate Program Committee Member (Fall 2024 – Spring 2025)

UW Division of Kinesiology and Health Tenure-Track Biomechanics Faculty Search Committee Member (Fall 2024 – Spring 2025)

MSU Department of Kinesiology Tenure-Track Faculty Search Committee Member (Fall 2023 – Spring 2024)

MSU Kinesiology Graduate Student Organization Newsletter Content Editor (Fall 2022 – Spring 2023)

MSU Kinesiology Graduate Student Organization Digital Content Coordinator (Spring 2022 – Summer 2023)

MSU Kinesiology Graduate Student Organization Teaching Development Committee Member (Fall 2021 – Spring 2022)

MSU Kinesiology Graduate Studies Committee Member (Fall 2021 – Spring 2022)

MSU Department of Kinesiology Professional Development Photographer (Summer 2021 – Spring 2024)

MSU Kinesiology Undergraduate Student Organization Liaison (Fall 2020 – Spring 2022)

Community Service

Pedigree Stage Stop Sled Dog Race Handler, Lander & Dubois, WY (February 2025)

Iditarod Trail Committee Trail Crew Member, McGrath, AK (March 2023, March 2024)
Youth Soccer Injury Prevention Program Coordinator, East Lansing, MI (Summer 2022)
Iditarod Trail Committee Dog Handler, Anchorage, AK (March 2022)
Ulman Cancer Fund for Young Adults Bone Marrow Drive Volunteer, Denver, CO (January 2020)
Ulman Cancer Fund for Young Adults 4K for Cancer Rider and Mission Coordinator, Baltimore, MD (Summer 2016)

PROFESSIONAL DEVELOPMENT

Continuing Education

International Conferences

2024 Association for Applied Sport Psychology Annual Conference: Las Vegas, NV
2021 Association for Applied Sport Psychology Annual Conference: Virtual

National Conferences

2025 National Athletic Trainers' Association Clinical Symposia: Orlando, FL
2025 United States Association for the Study of Pain Annual Meeting: Chicago, IL
2025 Pediatric Research in Sports Medicine Society Annual Meeting: Columbus, OH
2024 National Athletic Trainers' Association Clinical Symposia: New Orleans, LA
2024 American College of Sports Medicine Annual Meeting: Boston, MA
2023 National Athletic Trainers' Association Clinical Symposia: Indianapolis, IN
2023 American College of Sports Medicine Annual Meeting: Denver, CO
2022 National Athletic Trainers' Association Clinical Symposia: Philadelphia, PA
2022 ACL Retreat IX: The Pediatric Athlete: High Point, NC
2021 National Athletic Trainers' Association Clinical Symposia: Virtual
2020 National Athletic Trainers' Association Clinical Symposia: Las Vegas, NV

Regional Conferences

2025 American College of Sports Medicine Rocky Mountain Regional Meeting: Colorado Springs, CO
2023 Mid-Atlantic Athletic Trainers' Association Annual Symposium: Virginia Beach, VA

Professional Development Activities

Young Investigator Initiative (October 2025)

Orthopedic Research Society

Description: Accepted into a competitive, multi-disciplinary grant writing and career development program that provides young investigators in the musculoskeletal sciences with guidance on constructing well-founded research proposals and securing funding for basic, translational, or clinical research. Participated in extensive workshops focused on developing high-quality research proposals and securing external funding.

National Athletic Trainers' Association (NATA) Faculty Mentor Program (Summer 2025 – Present)

NATA Research and Education Foundation

Description: Selected for a year-long structured mentorship program designed to support early-career athletic training faculty in navigating the demands of research, teaching, and service in higher education. Meet with mentor, Dr. Neal Glaviano (University of Connecticut), monthly to receive guidance on faculty career development including grant writing, manuscript preparation, strategies for achieving tenure and promotion, and developing long-term academic career goals.

Learning Actively Mentoring Program (Spring 2025 – Present)

University of Wyoming Science Initiative

Description: Selected for a comprehensive, sustained mentoring and professional development program with an emphasis on how to best adopt active learning strategies in large-scale active learning classrooms and STEM courses at the University of Wyoming.

New Faculty Learning Community (Fall 2024 – Spring 2025)

University of Wyoming Ellbogen Center for Teaching and Learning

Description: A year-long program with an emphasis on discussing teaching topics including crafting effective student learning outcomes, implementing active learning techniques, mastering online teaching strategies, and pedagogical best practices.

Building KINclusive Classroom Series (January 2023)

Michigan State University Kinesiology Graduate Student Organization

Description: Participants identified ways to incorporate diverse scholars into their instruction, how to lead class activities that create inclusive climates, how to create assessments that are inclusive of all learners and discussed navigating common classroom scenarios and challenging situations in inclusive ways.

Immersive Visualization Institute (May 2022)

Michigan State University Graduate School

Description: A week-long institute centered around data visualization and immersive visualization technologies for teaching, learning, and research. Participants investigated innovative and interdisciplinary ideas for capitalizing on one or more visualization platforms and produced a participation outcome using the technologies.

PROFESSIONAL CERTIFICATIONS

American Red Cross Adult and Pediatric First Aid/CPR/AED (January 2023 – January 2025)

Michigan Department of Licensing & Regulatory Affairs Licensed Athletic Trainer – 2601002654
(September 2022 – Present)

Colorado Department of Regulatory Agencies Registered Athletic Trainer – AT.0002011 (May 2019 – October 2021)

National Academy of Sports Medicine Corrective Exercise Specialist (July 2018 – Present)

Graston Technique Movement Center Certified M1 Graston Provider (February 2018 – Present)

Kentucky Board of Medical Licensure Licensed Athletic Trainer – #AT1481 (June 2017 – June 2020)

National Athletic Trainers' Association Board of Certification – 2000028897 (April 2017 – Present)

American Heart Association CPR/AED for Professional Rescuers and Health Care Providers (August 2015 – January 2023, January 2025 – Present)

PROFESSIONAL MEMBERSHIPS

Pediatric Research in Sports Medicine Society (December 2024 – Present): *Member*

American College of Sports Medicine (December 2022 – Present): *Member*

Athletic Trainers' Osteoarthritis Consortium (November 2021 – Present): *Member*

Association for Applied Sport Psychology (January 2021 – January 2023, October 2024 – Present): *Member*

Great Lakes Athletic Trainers' Association (August 2020 – May 2024): *Member*

Rocky Mountain Athletic Trainers' Association (June 2019 – June 2020, August 2024 – Present): *Member*

Southeast Athletic Trainers' Association (August 2017 – May 2019) *Member*

Mid-Atlantic Athletic Trainer's Association (August 2015 – May 2017): *Member*

National Athletic Trainers' Association (August 2015 – Present): *Member #81783*
