

Curriculum Vitae
FRANCESCA M. GENOESE, Ph.D., ATC, CES
Updated: September 2026

CONTACT INFORMATION

University of Wyoming
Division of Kinesiology and Health
1000 E. University Ave
Laramie, WY 82071
Phone: (307) 766-5423
Email: fgenoese@uwyo.edu

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

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 “Top Prof” Distinguished Faculty Member**
Awarded by the University of Wyoming Mortar Board
Recognizes UW professors for exceptional contributions to students and the university community, as determined by student selection.
- 2026 David H. Perrin Doctoral Dissertation Award**
Awarded by the National Athletic Trainers’ Association Research & Education Foundation
Honors the most outstanding doctoral dissertation in athletic training and healthcare research, recognizing excellence in scholarly contribution and advancing the athletic training profession.
- 2025 Learning Actively Mentoring Program Fellow**
Awarded by the University of Wyoming Science Initiative
Supports UW STEM faculty dedicated to curriculum innovation through a year-long intensive program focused on implementing evidence-based active learning strategies.
- 2024 Outstanding Doctoral Student Mentor Award**
Awarded by the Michigan State University Graduate School
Presented annually to a single doctoral student across the university in recognition of exemplary mentorship of undergraduate and graduate students in research, academic development, and professional growth.
- 2024 National Doctoral Scholar Award – Honorable Mention**
Awarded by the American Kinesiology Association
Recognizes top doctoral scholars in kinesiology based on exceptional academic achievement, leadership, and contributions to advancing the field; Honorable Mention reflects a second-place national distinction.
- 2024 Outstanding Doctoral Student Award**
Awarded by the Michigan State University Department of Kinesiology
Honors one doctoral student demonstrating exceptional 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 demonstrate 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 a 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
Honors the top master’s-level research abstract and oral presentation in athletic training at the national meeting.
- 2018 Lamar Tyer Scholarship**
Awarded by the National Athletic Trainers’ Association Research & Education Foundation
Recognizes a graduate student demonstrating commitment to athletic training research and leadership development.
- 2018 Graduate Athletic Training Research Award**
Awarded by the University of Kentucky Division of Athletic Training

Recognizes a graduate student for an outstanding research proposal demonstrating strong potential for scholarly contribution.

2018

Graduate Memorial Scholarship

Awarded by the Southeastern Athletic Trainers' Association

Recognizes a graduate student demonstrating academic excellence and leadership within athletic training.

PUBLICATIONS

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

Refereed Journal Articles: In Print (N=18)

1. 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. *Percept Mot Skills*. 2026;0(0):1-19. doi: <https://doi.org/10.1177/00315125261471235>
2. 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. *J Biomech*. 2026;205:113426. doi: <https://doi.org/10.1016/j.jbiomech.2026.113426>
3. **Genoese FM**, Harkey MS, Kuenze C, Baez SE. Association of self-reported anxiety and depression symptoms with knee pain severity in individuals with anterior cruciate ligament reconstruction. *Orthop J Sports Med*. 2026;14(6): 23259671261444340. doi: <https://doi.org/10.1177/23259671261444340>
4. *Murray M, Baez S, **Genoese F***. Motivation as a mediator of the perfectionism-athlete burnout relationship in junior and collegiate athletes: A critically appraised topic. *Int J Athl Ther Train*. 2026;31(4):143-147. doi: <https://doi.org/10.1123/ijatt.2024-0111>
5. **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*. 2025;35(4):336-343. doi: <https://doi.org/10.1123/jsr.2025-0099>
6. Grozier CD, **Genoese F**, Collins K, Paramar A, Tolzman J, Kuenze C, Harkey MS. Knee effusion-synovitis is not associated with self-reported knee pain in division I female athletes. *Sports Health*. 2025;17(6):1159-1165. doi: <https://doi.org/10.1177/19417381251323902>
7. *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>
8. 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>
9. Harkey MS, Driban JB, Baez SE, **Genoese FM**, Reiche E, Collins K, Walaszek M, Triplett A, Wilcox CL, Schorfhaar 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>
10. **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>
11. 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>
12. 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>

13. 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>
14. **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>
15. **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>
16. **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>
17. 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>
18. **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>

Refereed Journal Articles: Accepted (N=1)

1. Birchmeier T, Baez S, **Genoese FM**, Walaszek M, Kuenze C. Reactive strength index during unplanned change of direction differs between limbs 6 months after anterior cruciate ligament reconstruction. Accepted to *International Journal of Athletic Therapy and Training*. August 7, 2026.

Refereed Journal Articles: In Review (N=4)

1. **Genoese FM**, Harkey M, Baez SE. Associations between emotion regulation strategies and knee pain severity among individuals with ACL reconstruction. Submitted to *Journal of Athletic Training*. August 2026.
2. Feng Z, **Genoese F**, Kriegel Z, Zhu Q. The temporal specificity of motor coordination subserving successful basketball shots. Submitted to *Journal of Motor Behavior*. March 2026.
3. 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 *Journal of Sport Rehabilitation*. February 2026.
4. 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 *Perceptual and Motor Skills*. February 2026.

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 (N=17)

Conferences

1. **Genoese FM**. Treating the whole patient: A psychologically informed approach to injury rehabilitation & recovery. *Wyoming Athletic Trainers' Association Annual Clinical Symposium*. June 12, 2026. Virtual presentation.
2. **Genoese FM**. Psychological contributors to pain following sport-related injury. *American College of Sports Medicine Annual Meeting*. National Athletic Trainers' Association Distinguished Scholars Exchange Lecture. May 28, 2026. Salt Lake City, Utah.

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

External Institutions & Organizations

4. **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.
5. **Genoese FM.** Understanding and managing pain after sports injuries: A psychological perspective. *Shenandoah University Exercise Science Program*. October 7, 2025. Virtual presentation.
6. **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.
7. **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.
8. **Genoese FM, Silversen O, Zynda A.** Transitioning from Ph.D. to Workforce. *Michigan State University Kinesiology Graduate Student Organization*. November 1, 2024. Virtual presentation.
9. **Genoese FM.** Psychologically informed assessment and management of pain after sports-related injuries. *Healthy Roster, LLC*. October 15, 2024. Virtual presentation.
10. **Genoese FM.** Psychologically informed practice for sports-related injuries. *Baylor University Master of Science in Athletic Training Program*. September 24, 2024. Virtual presentation.
11. **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.
12. **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. Virtual presentation.

Institutional

13. **Genoese FM.** A biopsychosocial approach to ACL Injury: Linking psychological, neurocognitive, and pain-related responses in athletes. *University of Wyoming Division of Kinesiology & Health Seminar*. April 14, 2026. Laramie, WY.
14. **Genoese FM.** Using AI to enhance approaches to teaching. *University of Wyoming Ellbogen Center for Teaching and Learning AI Learning Community*. April 8, 2025. Laramie, WY.
15. **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.
16. **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.
17. **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 (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.

Refereed Abstract Presentations (N=56)

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

National/International

1. **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. Oral presentation at the *National Athletic Trainers' Association Clinical Symposia*. Philadelphia, PA. June 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. Poster presentation at 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. Mental health symptoms and lower extremity visuomotor reaction time under simulated sport distraction in individuals with ACL reconstruction. Oral presentation at *ACL Research Retreat X*. Chapel Hill, North Carolina. April 2026.
4. Murray M, **Genoese FM**, Baez SE. Motivation as a mediator of the perfectionism-athlete burnout relationship in junior and collegiate athletes. Poster presentation at the *Association for Applied Sport Psychology Annual Symposium*. Vancouver, Canada. October 2025.
5. **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.
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 *American College of Sports Medicine Annual Meeting*. Atlanta, Georgia, May 2025. Published in *Medicine & Sciences in Sports & Exercise*, Oct 2025, 57(10S):p 498.
7. **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. Published in the *Journal of Pain*, Apr 2025, 29s(105242).
8. **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.
9. 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.
10. **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. Published in *Journal of Athletic Training*. 59(6S):S-138.
11. Birchmeier TB, Baez SE, Collins K, **Genoese F**, Walaszeck 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.
12. 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.
13. **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. Published in *Medicine & Science in Sports & Exercise*, Oct 2024, 56(10s):308.
14. 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. Published in *Medicine & Science in Sports & Exercise*, Oct 2024, 56(10s):464.
 15. 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. Published in *Medicine & Science in Sports & Exercise*, Oct 2024, 56(10s):232-233.
 16. 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. Published in *Medicine & Science in Sports & Exercise*, Oct 2024, 56(10s):142.
 17. 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. Published in *Osteoarthritis & Cartilage*. 32(Supplement 1):S247.
 18. 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.
 19. **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. Published in *Journal of Athletic Training*, Jun 2023, 58(6s):S-122.
 20. *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.
 21. 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.
 22. 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.
 23. 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. Published in *Journal of Athletic Training*, Jun 2023, 58(6s):S-126.
 24. **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. Published in *Medicine & Science in Sports & Exercise*, Sept 2023, 55(9S):871.
 25. 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. Published in *Medicine & Science in Sports & Exercise*, Sept 2023, 55(9s):508.
 26. *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. Published in *Medicine & Science in Sports & Exercise*, Sept 2023, 55(9s):271.
27. 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. Published in *Medicine & Science in Sports & Exercise*, Sept 2023, 55(9s):334.
 28. 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.
 29. **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. Published in *Journal of Athletic Training*, June 2022, 57(6s):S-132.
 30. 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. Published in *Journal of Athletic Training*, June 2022, 57(6s):S-97.
 31. 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. Published in *Journal of Athletic Training*, June 2022, 57(6s):S-294.
 32. 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. Published in *Journal of Athletic Training*, June 2022, 57(6s):S-128.
 33. 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. Published in *Journal of Athletic Training*, June 2022, 57(6s):S-128.
 34. 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. Published in *Osteoarthritis & Cartilage*, April 2022, 30:S232-233.
 35. 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. Published in *Osteoarthritis & Cartilage*, April 2022, 30:S226.
 36. **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. Published in *Journal of Athletic Training*, 57(9-10): 1004.
 37. 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.

38. 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. Published in *Journal of Athletic Training*, 57(9-10): 1009.
39. **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.
40. *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.
41. **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.
42. 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.
43. **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.
44. **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 Free Communications Program Award Winner*****

State/Regional

45. *Hall RA, Hamilton R, **Genoese FM***. Perceived sleep quality is related to limb loading asymmetry during successive jump landings. Oral and poster presentation at the *Rocky Mountain American College of Sports Medicine Regional Annual Meeting*. Fort Collins, Colorado. April 2026.
46. *Kiolbasa P, Riesen T, Hamilton R, **Genoese FM***. The relationship between perceived attentional focus and limb loading symmetry during jump landing. Poster presentation at the *Rocky Mountain American College of Sports Medicine Regional Annual Meeting*. Fort Collins, Colorado. April 2026.
47. *Hamilton R, Gorton K, Zhu Q, **Genoese FM***. Comparison of landing force symmetry during pre-planned versus stimulus-drive mid-jump trunk bending. Poster presentation at the *Rocky Mountain American College of Sports Medicine Regional Annual Meeting*. Fort Collins, Colorado. April 2026.
48. 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*****
49. **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.
50. 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*****
51. **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.

University/Local

52. *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.
 53. *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.
 54. *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.
 55. 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.
 56. 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*****
-

SCHOLARLY MEDIA

Podcasts

1. **Genoese FM**. *Journal of Athletic Training (JAT) Chat*. Active coping skills and ACL reconstruction. April 4, 2025.
2. **Genoese FM**. *Pitchside Performance Podcast*. Psychological responses to injury. January 13, 2025.

Blog Posts

1. **Genoese FM**. *American College of Sports Medicine Student Affairs Committee Subject Matter Expert Series*. Beyond the body: Why a biopsychosocial approach matters in sport injury recovery. February, 2026.
-

FUNDING ACTIVITIES

Not Funded	National Athletic Trainers' Association Research and Education Foundation General Grant Immersive Virtual Reality Exergaming for Individuals with Anterior Cruciate Ligament Reconstruction <u>Role:</u> PI <u>Amount:</u> \$33,482 (Total) <u>Submitted:</u> 02/2026
2026-2028 ONGOING	Wyoming Department of Health Community Prevention Grant Understanding Pain- and Opioid-Related Knowledge and Behaviors Among Student-Athletes and Certified Athletic Trainers <u>Role:</u> PI <u>Amount:</u> \$121,509 (Total) <u>Submitted:</u> 04/2025
Not Funded	National Athletic Trainers' Association Research and Education Foundation New Investigator Grant Immersive Virtual Reality Exergaming for Individuals with Anterior Cruciate Ligament Reconstruction <u>Role:</u> PI <u>Amount:</u> \$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)
Submitted: 07/2022
- 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)
Submitted: 01/2022
- 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)
Submitted: 09/2021
- 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)
Submitted: 09/2018

Research 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)
Submitted: Submitted 12/2023
- 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)
Submitted: 12/2022
- 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)

Submitted: Submitted 12/2021

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)

Submitted: 12/2020

TEACHING EXPERIENCE

University of Wyoming; Division of Kinesiology and Health

Undergraduate Courses

KIN 3039: Psychology of Injury

Course Description: Focuses on theory and practical applications related to biopsychosocial variables of injury and rehabilitation in the athlete.

- Fall 2025 (N=21)

KIN 3050: Advanced Prevention and Care of Athletic Injury

Course Description: Provides knowledge and skills necessary to prevent injuries, manage emergency situations, and provide basic care for an injured athlete.

- Spring 2026 (N=30)
- Fall 2025 (N=27)
- Fall 2026 (N=25)

KIN 3038: Exercise Psychology

Course Description: Explores psychological theories for understanding and predicting health-oriented exercise behavior, including psychological intentions for increasing exercise participation and adherence.

- Spring 2025 (N=28)
- Fall 2024 (N=59)

Graduate Courses

KIN 5030: Biopsychosocial Aspects of Athletic Injury

Course Description: Examines theory, research, and applied practice related to the biopsychosocial approach to athletic injury and rehabilitation.

- Spring 2026 (N=9)

New Course Development

2026

Kinesiology 5030: Biopsychosocial Aspects of Athletic Injury

Created KIN 5030 (Graduate) to address a critical curricular gap in rehabilitation science within the Division of Kinesiology and Health 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 within the Division of Kinesiology and Health by addressing psychological factors influencing injury and recovery, preparing students for careers in health professions.

Course Revision

2026

Kinesiology 3050: Advanced Prevention and Care of Athletic Injury

Redesigned the pre-existing undergraduate Care and Prevention of Athletic Injury course to increase credit load and incorporate a designated laboratory section focused on learning and applying practical skills for athletic and rehabilitation contexts.

2025

Kinesiology 3038: Behavior and Performance in Exercise and Sport

Redesigned the pre-existing undergraduate Exercise Psychology course (KIN 3038) to incorporate sport psychology content, optimizing course structure, learning outcomes, and relevance for students in the Division of Kinesiology and Health.

Invited Guest Lectures (N=10)

Student Athlete Success (UWYO 1050), University of Wyoming

- *An Academic Roadmap for Pursuing a Degree in Kinesiology and Health.* July 2025; September 2025; July 2026; September 2026.

Introduction to Kinesiology (KIN 1006), University of Wyoming

- *Exploring Careers and Research Opportunities in Sports Medicine.* February 2025; November 2025; February 2026.

Science of Human Movement (KIN 1101), University of Wyoming

- *Beyond the Sidelines: An Exploration of the Athletic Training Profession.* November 2024; April 2025; March 2026.

Michigan State University; Department of Kinesiology

Undergraduate Courses: Instructor

KIN 424: Psychology of Injury

Course Description: 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.

- Fall 2023 (N=40)

KIN 127: Taping and Bracing for Athletic Injury

Course Description: Provides introductory taping and wrapping skills accomplished through reading, practice, and multiple learning opportunities of trial and error.

- Fall 2023; 2 sections (N=25 per section)
- Spring 2023; 2 sections (N=25 per section)
- Fall 2022; 2 sections (N=25 per section)
- Spring 2022; 2 sections (N=25 per section)
- Fall 2021; 2 sections (N=25 per section)

KIN 126: Introduction to Athletic Injury

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

- Spring 2023 (N=40)
- Fall 2022 (N=40)
- Spring 2022 (N=40)
- Spring 2021 (N=40)

KIN 103D: General Conditioning I

Course Description: Introduction 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.

- Fall 2020; 2 sections (N=25 per section)

Graduate Courses: Teaching Assistant

KIN 838: General Medical Conditions for Athletic Trainers

Course Description: Focuses on the key concepts of evaluation, diagnosis, and management of general medical conditions commonly seen in the athlete.

- Spring 2023 (N=11)
- Spring 2022 (N=10)

KIN 833: Foundations of Therapeutic Intervention

Course Description: Highlights development, implementation, evaluation of treatment plans, therapeutic modalities, and rehabilitation interventions for treating lower body injuries and general health conditions.

- Fall 2023 (N=13)
- Fall 2022 (N=11)
- Fall 2021 (N=10)

Non-Credit Instruction

Honors Options – KIN 424: Psychology of Injury

Honors Options is one way in which Michigan State University 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 (N=4)

Athletic Training Practicum V (KIN 806), Michigan State University

- *Using Imagery to Enhance Clinical Outcomes After Sports Injury.* September 2023.

Introduction to Athletic Injury (KIN 126), Michigan State University

- *Psychological Responses After Injury and Considerations for Rehabilitation.* November 2021.

Principles of Coaching II (KIN 401), Michigan State University

- *Establishing Effective Communication Strategies Between Sports Medicine Personnel and Coaching Staffs.* March 2021.

Injury Control in Sport and Physical Activity (KIN 825), Michigan State University

- *Determining Level of Evidence and Strength of Recommendation in Sports Medicine Literature.* February 2021.

ADVISING & MENTORSHIP EXPERIENCE

Academic Advising

Academic Year	Fall		Spring	
	Undergraduate	Graduate	Undergraduate	Graduate
2024 – 2025	N = 6	N = 0	N=15	N = 0
2025 – 2026	N=23	N = 4	N=25	N = 3
2026 – 2027	N=18	N = 4	-----	-----

Graduate Student Research Mentorship (N=23)

Thesis Committee Chair (N=6)

- 2026 – Jonathan Vonderlage. University of Wyoming Kinesiology and Health master's student. *Thesis*: TBD.
- 2026 – Abbie Rigby. University of Wyoming Kinesiology and Health master's student. *Thesis*: TBD.
- 2025 – Gaines Jordan. University of Wyoming Kinesiology and Health master's student (left program to accept an Assistant Director of Athletic Performance position).
- 2025 – Anna Mesecher. University of Wyoming Kinesiology and Health master's student. *Thesis*: The Association Between Perceived Stress and Neurocognitive Function in Individuals with Anterior Cruciate Ligament Reconstruction.
- 2025 – Oscar Martinez. University of Wyoming Kinesiology and Health master's student. *Thesis*: Preseason Muscular Strength and Neurocognitive Function in Relation to Competitive Performance and Fatigue During a Collegiate Rodeo Season.
- 2026 Collegiate Strength and Conditioning Coaches Association Lance Vermeil Scholarship Recipient
- 2025 – 2026 Rachael Hamilton. University of Wyoming Kinesiology and Health master's student. *Thesis*: Comparison of Landing Force Symmetry During Pre-Planned Versus Stimulus-Driven Mid-Jump Lateral Trunk Bending.
- Presented at the 2026 Rocky Mountain American College of Sports Medicine Annual Meeting

Thesis Committee Member (N=7)

- 2026 – Bettie Jin. University of Wyoming Physical Education Teacher Education master's student. *Thesis*: The Mediating Role of Self-Determination Theory Psychological Needs: How Interdisciplinary Sports Courses Boost Learning Motivation—Evidence from Endurance Mountain Sport.
- 2025 – 2026 Danika Weber. University of Wyoming Kinesiology and Health master's student. *Thesis*: Leveraging Technology to Streamline Data Collection to Support Firefighter Health and Fitness
- 2025 – 2026 Libby Berryhill-Worshek. University of Wyoming Kinesiology and Health master's student. *Thesis*: Which Is Healthier, the 5K or the Marathon? A Comparative Analysis of Training Efficacy, Clinical Risks, and Psychosocial Benefits.
- 2024 – 2025 Michael Torres. University of Wyoming Kinesiology and Health master's student. *Thesis*: Skeletal Muscle Reformation Markers in Moderate Altitude-Acclimatized Athletes Post Live-High Train-Low Intervention.
- 2024 – 2025 Reilly Gilbert. University of Wyoming Kinesiology and Health master's student. *Thesis*: Assessing the Effects of Landing Strategy and Mid-Air Perturbation on Biomechanical Risk-Factors for Lateral Ankle Sprain.
- Co-author on peer-reviewed publication in *Journal of Biomechanics* (2026)
- 2024 – 2025 Jason Feng. University of Wyoming Kinesiology and Health master's student. *Thesis*: Adjustments of Upper-Lower Limb Coordination for Swishes of Basketball Throws at Various Distances.
- First author on manuscript in review for publication with *Journal of Motor Behavior*
- 2024 – 2025 Carly Palmer. University of Wyoming Kinesiology and Health master's student. *Thesis*: Auditory Cueing in Elite Breaststroke: Effects of Pace and Attentional Focus on Performance and Coordination.
- First author on manuscript in review for publication with *Perceptual and Motor Skills*

Master's Student Research Mentorship During Doctoral Training (N=6)

- 2022 – 2024 Aliana Madrigal. Michigan State University Entry-level Athletic Training master's student. MSU. *Research Project*: Association Between Fear of Movement and Jump-Landing Biomechanics in D1 Collegiate COED Cheerleaders.
- 2021 – 2023 Elly Maheras. Michigan State University Entry-level Athletic Training master's student. *Research Project*: Sex Differences in Trait Mindfulness Among Individuals with Anterior Cruciate Ligament Reconstruction.
- 2021 – 2023 Autumn Bennett. Michigan State University Entry-level Athletic Training master's student. *Research Project*: Examination of the Relationship Between Coping Skills and Self-Reported Knee Function in Individuals with Anterior Cruciate Ligament Reconstruction
- First author on peer-reviewed publication in *Journal of Athletic Training* (2024)
- 2021 – 2021 Veronica Lincoln. Michigan State University Entry-level Athletic Training master's student. *Research Project*: The Relationship Between Denial and Self-Reported Knee Function in Individuals with Anterior Cruciate Ligament Reconstruction.
- 2021 – 2022 Kevin Lam. Michigan State University Entry-level Athletic Training master's student. *Research Project Title*: Integrating Mindfulness to Reduce Injury Rates in Athletes: A Critically Appraised Topic.
- Co-author on peer-reviewed publication in *International Journal of Athletic Therapy and Training* (2023)
- 2020 – 2021 Aaron Clifton. Michigan State University Post-Professional Athletic Training master's student. *Research Project*: The Relationship Between Psychological Readiness to Return to Sport and Secondary ACL Injury: A Critically Appraised Topic

Undergraduate Student Research Mentorship (N=16)

Undergraduate Students Completing Research for Academic Credit (N=7)

- 2026 – Cody Gemza. University of Wyoming Kinesiology and Health undergraduate research intern (1 credit hour).
- 2026 – Ambryn Cornella. University of Wyoming Kinesiology and Health undergraduate research intern (1 credit hour).
- 2026 – Raygen Zahrowski. University of Wyoming Kinesiology and Health undergraduate research intern (2 credit hours).
- 2026 – Tyler Riesen. University of Wyoming Kinesiology and Health undergraduate research intern (4 credit hours).
- Presented at the 2026 Rocky Mountain American College of Sports Medicine Annual Meeting
- 2026 Pierce Kiolbasa. University of Wyoming Kinesiology and Health undergraduate research intern (4 credit hours).
- Presented at the 2026 Rocky Mountain American College of Sports Medicine Annual Meeting
- 2025 Katelyn Kalasinsky. University of Wyoming Kinesiology and Health undergraduate research intern (1 credit hour).
- 2025 Macei Engelke. University of Wyoming Kinesiology and Health undergraduate research intern (3 credit hours).

Other Undergraduate Research Mentees (N=9)

- 2025 – 2026 Rich Hall. University of Wyoming Kinesiology and Health undergraduate research assistant.
- Presented at the 2026 Rocky Mountain American College of Sports Medicine Annual Meeting
- 2025 Jonathan Vonderlage. Carleton College (MN) Psychology undergraduate student and University of Wyoming Kinesiology and Health summer research intern. *Research Project Title: The Relationship Between Injury-Related Fear and Brain Activity in Individuals with Anterior Cruciate Ligament Reconstruction.*
- Presented at the 2025 Carleton College Undergraduate Research Symposium
- 2024 Morayo Abbey-Bada. Duke University (NC) Psychology & Neuroscience undergraduate student and Summer Neuroscience Program in Research participant. *Research Project Title: The Relationship Between Trait Mindfulness and Brain Activity in Individuals with ACL Reconstruction.*
- Presented at the 2024 Duke University Summer Neuroscience Program of Research Symposium
- 2022 – 2024 Charlotte Pohl. Michigan State University Kinesiology undergraduate research assistant.
- Presented at the 2023 University Undergraduate Research and Arts Forum - ****1st Place Poster Award****
- Presented at the 2024 University Undergraduate Research and Arts Forum
- 2022 – 2024 Emiko Oku. Michigan State University Kinesiology undergraduate research assistant.
- Presented at the 2023 University Undergraduate Research and Arts Forum - ****1st Place Poster Award****
- Presented at the 2024 University Undergraduate Research and Arts Forum
- 2021 Luis Ybarra. Michigan State University Summer Research Opportunities Program (SROP) participant. *Research Project Title: Efficacy of Web-Based Mindfulness Meditation to Decrease Fear and Improve Confidence in Patients after ACLR*
- 2020 – 2022 Lauren Grasso. Michigan State University Kinesiology undergraduate research assistant.
- 2020 – 2022 Josh Stevens. Michigan State University Kinesiology undergraduate research assistant.
- 2020 – 2022 Kayla Ford. Michigan State University Summer Research Opportunities Program (SROP) participant. *Research Project Title: Concussion History and Knee Self-Efficacy in Patients after Anterior Cruciate Ligament Reconstruction.*
- Co-author on peer-reviewed publication in *Journal of Sport Rehabilitation* (2022)

Student Teaching Assistant Mentorship (N=14)

1. University of Wyoming KIN 3050 – Advanced Prevention and Care of Athletic Injury (2 graduate teaching assistants; Fall 2025 – Present)

2. Michigan State University KIN 126 – Introduction to Athletic Injury (2 undergraduate teaching assistants; Spring 2022 - Spring 2023)
 3. Michigan State University KIN 127 – Taping and Bracing for Athletic Injury (10 undergraduate teaching assistants; Fall 2021-Fall 2023)
-

SERVICE

Professional Service

Manuscript Ad Hoc Reviewer

- 2026 - American Journal of Sports Medicine
- 2026 - Sports Biomechanics
- 2024 - Archives of Bone and Joint Surgery
- 2024 - Journal of Athletic Training
- 2022 - International Journal of Sports Physical Therapy
- 2021 - International Journal of Athletic Therapy and Training
- 2020 - Journal of Sport Rehabilitation
- 2020 - Scandinavian Journal of Medicine and Science in Sports

National Conference Moderator

National Athletic Trainers' Association Clinical Symposia Free Communications Program Moderator (June 2023; June 2024; June 2025)

National Conference Program Reviewer

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

Organization Leadership

Professional Engagement Committee Member, Rocky Mountain Athletic Trainers' Association (Summer 2026 – Present)

Wyoming Representative, Rocky Mountain Chapter, American College of Sports Medicine (Spring 2026 – Present)

University Service

Athletics Database Steering Committee, University of Wyoming (Spring 2026 – Present)

Phi Epsilon Kappa Professional Fraternity Faculty Advisory, University of Wyoming (Fall 2025 – Present)

Artificial Intelligence Committee Member, University of Wyoming (Summer 2025 – Present)

Vida Volunteer Student Organization Faculty Advisor, University of Wyoming (Fall 2024 – Present)

Immersive Visualization Institute Panelist, Michigan State University (June 2024)

Digital Scholarship Laboratory Advisory Board Member, Michigan State University (Fall 2023 – Spring 2024)

Exercise is Medicine on Campus Graduate Student Panelist, Michigan State University (Fall 2022)

College Service

Pre-Health Professions Interview Panelist, College of Health Sciences, University of Wyoming (February 2025; February 2026)

Early Success Scholars Kinesiology Program Panelist, College of Education, Michigan State University (Summer 2022)

Departmental Service

Advisory Committee Member, Division of Kinesiology and Health, University of Wyoming (Spring 2026 – Present)

Commencement Ceremony Planning Committee Member, Division of Kinesiology and Health, University of Wyoming (Spring 2026)

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

Work Area Emergency Coordinator, Division of Kinesiology and Health, University of Wyoming (Summer 2025 – Present)

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

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

Tenure-Track Faculty Cluster Search Committee Student Member, Department of Kinesiology, Michigan State University (Fall 2023 – Spring 2024)

Graduate Student Organization Newsletter Content Editor, Department of Kinesiology, Michigan State University (Fall 2022 – Spring 2023)

Graduate Student Organization Digital Content Coordinator, Department of Kinesiology, Michigan State University (Spring 2022 – Summer 2023)

Graduate Student Organization Teaching Development Committee Member, Department of Kinesiology, Michigan State University (Fall 2021 – Spring 2022)

Graduate Studies Committee Student Member, Department of Kinesiology, Michigan State University (Fall 2021 – Spring 2022)

Professional Development Photographer, Department of Kinesiology, Michigan State University (Summer 2021 – Spring 2024)

Undergraduate Student Organization Liaison, Department of Kinesiology, Michigan State University (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 & National Conferences

2026 National Athletic Trainers' Association Clinical Symposia: Philadelphia, PA

2026 American College of Sports Medicine Annual Meeting: Salt Lake City, UT

2026 ACL Research Retreat X: Chapel Hill, NC

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

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 Research Retreat IX: The Pediatric Athlete: High Point, NC
2021 Association for Applied Sport Psychology Annual Conference: Virtual
2021 National Athletic Trainers' Association Clinical Symposia: Virtual
2019 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 – Spring 2026)

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 (September 2022 – September 2026)

Colorado Department of Regulatory Agencies, Registered Athletic Trainer (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 (June 2017 – June 2020)

National Athletic Trainers' Association Board of Certification, Certified Athletic Trainer (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 Trainers' Association (August 2015 – May 2017): *Member*

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