## Curriculum Vitae

## FRANCESCA M. GENOESE, Ph.D., LAT, ATC, CES

Updated: August 2024

#### **OFFICE**

University of Wyoming Division of Kinesiology and Health Corbett Building 110 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

Research Project: 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

**Assistant Professor** (August 2024 – Present)

University of Wyoming, Laramie, WY

Division of Kinesiology and Health

#### **Graduate Research Assistant** (August 2020 – May 2024)

Michigan State University, East Lansing, MI

Department of Kinesiology; Athletic Injury and Rehabilitation Laboratory

#### Graduate Teaching Assistant (August 2020 – December 2023)

Michigan State University, East Lansing, MI

College of Education; Department of Kinesiology

## Assistant Athletic Trainer (June 2019 – June 2020)

Regis Jesuit High School - Boys Division, Aurora, CO

## **Graduate Assistant Athletic Trainer** (August 2017 – May 2019)

Scott County High School, Georgetown, KY

### **HONORS AND AWARDS**

## **Outstanding Doctoral Student Mentor Award (May 2024)**

Awarded by the Michigan State University Graduate School

## National Doctoral Scholar Award Honorable Mention (April 2024)

Awarded by the American Kinesiology Association

## **Outstanding Doctoral Student Award (February 2024)**

Awarded by the Michigan State University Department of Kinesiology

#### Henry J. and Betty Montoye Endowed Scholarship (April 2023)

Awarded by the Michigan State University Department of Kinesiology

## Michael B. Salwen and Okhee Lee-Salwen Endowed Scholarship (April 2022)

Awarded by the Michigan State University College of Education

## Great Lakes Athletic Trainers' Association Living Memorial Graduate Scholarship (March 2022)

Awarded by the National Athletic Trainers' Association Research & Education Foundation

#### Master's Oral Free Communications Program Award (June 2019)

Awarded by the National Athletic Trainers' Association Research & Education Foundation

## Lamar Tyer Scholarship (March 2018)

Awarded by the National Athletic Trainers' Association Research & Education Foundation

## Graduate Athletic Training Research Award (February 2018)

Awarded by the University of Kentucky Division of Athletic Training

## **Graduate Memorial Scholarship (January 2018)**

Awarded by the Southeastern Athletic Trainers' Association

#### **PUBLICATIONS**

## Peer-Reviewed Publications: In Print (N=11; \*indicates mentored student)

- 1. 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: <a href="https://doi.org/10.1123/jsr.2023-0308">https://doi.org/10.1123/jsr.2023-0308</a>
- 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 from six to twelve months after ACL reconstruction. *J Athl Train*. 2024. doi: <a href="https://doi.org/10.4085/1062-6050-0470.23">https://doi.org/10.4085/1062-6050-0470.23</a>
- 3. **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. doi: <a href="https://doi.org/10.1123/ijatt.2023-0099">https://doi.org/10.1123/ijatt.2023-0099</a>
- 4. Reiche ET, Collins KA, **Genoese FM**, Walaszek M, Triplett AN, Kuenze C, Harkey M, Baez SE. Individuals with contact ACL injuries exhibit slower lower-extremity reaction time than individuals with non-contact ACL injuries. *J Athl Train*. 2024;59(1):66-72. doi: https://doi.org/10.4085/1062-6050-0428.22
- 5. 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;1:1-6. doi: <a href="https://doi.org/10.1123/ijatt.2023-0004">https://doi.org/10.1123/ijatt.2023-0004</a>
- 6. 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: <a href="https://doi.org/10.1123/ijatt.2022-0138">https://doi.org/10.1123/ijatt.2022-0138</a>
- 7. **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: <a href="https://doi.org/10.1123/ijatt.2022-0074">https://doi.org/10.1123/ijatt.2022-0074</a>

- 8. **Genoese FM**, Zynda A, \*Ford K, Hoch MC, Covassin T, Hoch JM, Baez SE. The 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: <a href="https://doi.org/10.1123/jsr.2022-0086">https://doi.org/10.1123/jsr.2022-0086</a>
- 9. **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: <a href="https://doi.org/10.1123/jsr.2019-0511">https://doi.org/10.1123/jsr.2019-0511</a>
- 10. 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: <a href="https://doi.org/10.1123/jsr.2019-0032">https://doi.org/10.1123/jsr.2019-0032</a>
- 11. **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: <a href="https://doi.org/10.1123/ijatt.2017-0108">https://doi.org/10.1123/ijatt.2017-0108</a>

## Peer-Reviewed Publications: In Review (N=2; \*indicates mentored student)

- 1. Baez SE, Brinkman C, Reiche E, **Genoese F**, Spang J, Jochimsen KJ. Differences in daily steps between individuals with high and low kinesiophobia after ACL reconstruction. Submitted to *Clinical Journal of Sport Medicine*. 2024 June 12.
- 2. \*Bennett A, Bartels A, Harkey M, Covassin T, Baez SE, **Genoese FM**. The relationship between coping skills and self-reported knee function in individuals with anterior cruciate ligament reconstruction. Submitted to *Journal of Athletic Training*. 2023 December 6. (*in revision*)

## **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*. 2<sup>nd</sup> edition. Plural Publishing; 2022.

#### **PRESENTATIONS**

# Peer-Reviewed Abstract Presentations: Presented (N=45; \*indicates mentored student) Local

- 1. \*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.
- 2. \*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.
- 3. \*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.
- 4. \*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

- 5. **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.
- 6. **Genoese FM**, Baez SE. Pain & the brain: psychological aspects of pain and alternative intervention strategies for pain management. Lecture at the *Mid-Atlantic Athletic Trainers' Association Annual Symposium*. Virginia Beach, Virginia. May 2023.

- \*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.
   \*\*\*2<sup>nd</sup> Place Best Poster Award\*\*\*
- 8. **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

- 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 Athletic Trainers' Association Clinical Symposia. New Orleans, Louisiana. June 2024.
- 10. 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.
- 11. 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.
- 12. **Genoese FM**, Baez SE. Pain & the brain: Psychological assessment and intervention for pain management after sports-related injuries. Lecture 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.
- 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.
- 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.
- 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.
- 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.
- 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. Reiche ET, **Genoese FM**. Think fast! Incorporating perceptual-motor functioning into rehabilitation after ACL reconstruction. Learning lab at the *National Athletic Trainers' Association Clinical Symposia*. Indianapolis, Indiana. June 2023.
- 20. 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.

- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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.
- 25. **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.
- 26. 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.
- 27. 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.
- 28. 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.
- 29. 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.
- 30. 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.
- 31. 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.
- 32. 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.
- 33. 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.
- 34. 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.
- 35. 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.
- 36. 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.
- 37. **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.
- 38. 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.
- 39. 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.
- 40. **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.
- 41. 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.
- 42. **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.
- 43. 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.
- 44. **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.
- 45. **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: Accepted (N=1)

1. Baez SE, **Genoese FM**, Brinkman C. Demystifying the rehabilitation specialist perspective of psychologically informed practice: identification of barriers, benefits, and opportunities for collaboration. Accepted for panel discussion at the *Association for Applied Sport Psychology Annual Symposium*. Las Vegas, Nevada. October 2024.

#### Invited Presentations (N=2)

- 1. **Genoese FM**. Exploring the dynamics of psychological, neurocognitive, and pain-related responses after ACL Injury. *International Musculoskeletal Mental & Social Health Consortium Research Special Interest Group*. April 19, 2024. Virtual presentation.
- 2. **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.

## Campus Presentations (N=2)

- 1. **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.
- 2. **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.

#### **FUNDING ACTIVITIES**

## External Grants: Funded (N=2)

1. Source: Great Lakes Athletic Trainers' Association

**Title:** 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

Period: 09/01/2022-09/01/2023

**Amount:** \$1,376 (Total)

2. **Source:** Michigan Athletic Trainers' Society

Title: The Association of Injury-Related Fear and Self-Reported Knee Function with Visuomotor Reaction

Time After Anterior Cruciate Ligament Reconstruction

Role: PI

Period: 11/10/2021-11/10/2023

Amount: \$500 (Total)

## Internal Grants: Funded (N=2)

1. **Source:** Michigan State University Department of Kinesiology

Title: The Relationship Between Upper and Lower Extremity Visuomotor Reaction Time in Individuals

with ACL Reconstruction

Role: PI

Period: 1/01/2022-05/01/2022

**Amount:** \$1,800 (Total)

2. **Source:** University of Kentucky Division of Athletic Training

Title: The Relationship Between Fear-Avoidance Beliefs, Neurocognitive Reaction Time, and Visuomotor

Reaction Time in Patients Post-Anterior Cruciate Ligament Reconstruction

Role: PI

**Period:** 01/01/2018-01/01/2019 **Amount:** \$367.50 (Total)

#### TEACHING EXPERIENCE

## **University of Wyoming (Fall 2024 – Present)**

#### **Undergraduate Courses**

Kinesiology 3038: Exercise Psychology (Fall 2024, N=60)

### Michigan State University (Fall 2020 – Fall 2023)

#### **Undergraduate Courses**

Kinesiology 424: Psychology of Injury (Fall 2023, N=40)

Kinesiology 127: Taping and Bracing for Athletic Injury (Fall 2021 – Fall 2023 [2 sections], N=25)

Kinesiology 126: Introduction to Athletic Injury (Spring 2021, Spring 2022, Fall 2022, Spring 2023, N=40)

Kinesiology 103D: General Conditioning I (Fall 2020 [2 sections], N=25)

## **Graduate Courses**

Kinesiology 838: General Medical Conditions for Athletic Trainers (Spring 2022, Spring 2023, N=10-12)

Kinesiology 833: Foundations of Therapeutic Intervention (Fall 2021, Fall 2022, Fall 2023, N=10-12)

#### **Guest Lectures**

- 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

## **Graduate Student Research Mentorship (N=10)**

- 1. <u>Jessica Tolzman</u>: Michigan State University Kinesiology master's student. Role: PhD Student Mentor. Fall 2022 Spring 2024.
- 2. <u>Aliana Madrigal</u>: Michigan State University entry-level athletic training master's student. Role: Primary PhD Student Mentor. Fall 2022 Spring 2024.
- 3. <u>Elly Maheras</u>: Michigan State University entry-level athletic training master's student. Role: Primary PhD Student Mentor. Fall 2021 Spring 2023.
- 4. <u>Autumn Bennett</u>: Michigan State University entry-level athletic training master's student. Role: Primary PhD Student Mentor. Fall 2021 Spring 2023.
- 5. <u>Veronica Lincoln</u>: Michigan State University entry-level athletic training master's student. Role: PhD Student Mentor. Fall 2021 Spring 2022.
- 6. <u>Kevin Lam</u>: Michigan State University entry-level athletic training master's student. Role: Primary PhD Student Mentor. Fall 2021 Spring 2022.
- 7. <u>Kayla Ford</u>: Michigan State University Kinesiology master's student. Role: PhD Student Mentor. Fall 2021 Spring 2022.
- 8. <u>Brandon DeSmyter</u>: Michigan State University Kinesiology master's student. Role: PhD Student Mentor. Fall 2021 Spring 2022.
- 9. <u>Megan Murray</u>: Michigan State University Kinesiology master's student. Role: PhD Student Mentor. Fall 2020 Spring 2022.
- 10. <u>Aaron Clifton</u>: Michigan State University post-professional athletic training master's student. Role: Primary PhD Student Mentor. Fall 2020 Spring 2021.

## **Undergraduate Student Research Mentorship (N=7)**

- 1. <u>Morayo Abbey-Bada</u>: Duke University Psychology & Neuroscience undergraduate student. Role: Research Mentor. Summer 2024 Present.
- 2. <u>Charlotte Pohl</u>: Michigan State University Kinesiology undergraduate research assistant in the Athletic Injury and Rehabilitation Laboratory. Role: Primary PhD Student Mentor. Fall 2022 Spring 2024.
- 3. <u>Emiko Oku</u>: Michigan State University Kinesiology undergraduate research assistant in the Athletic Injury and Rehabilitation Laboratory. Role: Primary PhD Student Mentor. Fall 2022 Spring 2024.
- 4. <u>Luis Ybarra</u>: Michigan State University Summer Research Opportunities Program (SROP) participant. Role: Primary PhD Student Mentor. Summer 2021.

- Lauren Grasso: Michigan State University Kinesiology undergraduate research assistant in the Behavioral Research and Athletic Injury Neuroscience Laboratory. Role: PhD Student Mentor. Fall 2020 – Spring 2022.
- 6. <u>Josh Stevens</u>: Michigan State University Kinesiology undergraduate research assistant in the Behavioral Research and Athletic Injury Neuroscience Laboratory. Role: PhD Student Mentor. Fall 2020 Spring 2022.
- 7. <u>Kayla Ford</u>: Michigan State University Summer Research Opportunities Program (SROP) participant. Role: Primary PhD Student Mentor. Summer 2020.

## Medical Student Research Mentorship (N=1)

1. <u>Puja Desai</u>: 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)

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

Archives of Bone and Joint Surgery (2024 – Present)
International Journal of Sports Physical Therapy (2022 – Present)
International Journal of Athletic Therapy and Training (2021 – Present)
Scandinavian Journal of Medicine and Science in Sports (2020 – Present)
Journal of Sport Rehabilitation (2020 – Present)

#### **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 – Present)

## **Departmental and University Service**

#### **University of Wyoming**

Division of Kinesiology and Health Tenure-Track Faculty Search Committee Member (Fall 2024 – Present)

#### Michigan State University

Graduate School Immersive Visualization Institute Panelist (Summer 2024)

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

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

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

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

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

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

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

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

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

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

#### **Community Service**

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 CERTIFICATIONS

American Red Cross Adult and Pediatric Frist Aid/CPR/AED (January 2023 – Present)

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)

## **PROFESSIONAL MEMBERSHIPS**

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 2022): *Member*Great Lakes Athletic Trainers' Association (August 2020 – May 2024): *Member*Rocky Mountain Athletic Trainers' Association (June 2019 – June 2020): *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 #81783*