Danilo (Dano) V. Tolusso, PhD

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EDUCATION

Doctor of Philosophy August 2019

Major: Human Performance
Minor: Statistics
The University of Alabama
Tuscaloosa, Alabama
Dissertation title: *The Validity and Reliability of Practical Measures of Recovery Following High Volume Resistance Training*

Graduate Certificate
Quantitative Educational Research August 2019
The University of Alabama
Tuscaloosa, Alabama

Master of Education May 2014
Major: Kinesiology
Specialization: Exercise Science
Bowling Green State University
Bowling Green, Ohio
Thesis title: *The Placebo Effect: Influence on Recovery During Repeated Intermittent Sprints*

Bachelor of Science in Education May 2012
Major: Exercise Science
Bowling Green State University
Bowling Green, Ohio

ACADEMIC POSITIONS

Assistant Professor 8/21 to 5/24
Marquette University
Milwaukee, WI
Department of Physical Therapy

Graduate Program Coordinator-Kinesiology 8/21 to 5/24
Western Kentucky University
Bowling Green, Kentucky
School of Kinesiology, Recreation, and Sport

Assistant Professor 8/19 to 5/24
Western Kentucky University
Bowling Green, Kentucky
School of Kinesiology, Recreation, and Sport

Graduate Assistant 8/15 to 5/19
University of Alabama
Tuscaloosa, Alabama
Department of Kinesiology

Quantitative Methodologist 7/16 to 8/17

University of Alabama
Tuscaloosa, Alabama
College of Education Research Assistance Center

Adjunct Instructor 8/14 to 5/15
Bowling Green State University
Bowling Green, Ohio
School of Human Movement, Sport, and Leisure Studies

Graduate Assistant 8/12 to 5/14
Bowling Green State University
Bowling Green, Ohio
School of Human Movement, Sport, and Leisure Studies

TEACHING EXPERIENCES

Instructor on Record

Western Kentucky University
- EXS 122 - Foundations of Kinesiology
- EXS 223 - Introduction to Exercise Science
- EXS 296 - Practicum in Exercise Science
- EXS 324 - Measurement and Evaluation in Kinesiology
- EXS 412 - Exercise Testing and Prescription
- EXS 496 - Internship in Exercise Science
- EXS 498 - Capstone Research Experience in Exercise Science
- KIN 501 - Research Methods in Kinesiology
- KIN 514 - Lab Methods in Exercise Physiology
- KIN 518 - Advanced Statistics in Kinesiology
- KIN 530 - Independent Investigation in Kinesiology
- KIN 596 - Internship in Exercise Physiology
- KIN 599 - Thesis Research

University of Alabama
- KIN 145 - Beginning Racquetball
- KIN 199 - Ecological Approach to Health and Wellness
- KIN 492 - Physiology of Exercise Lab
- KIN 493 - Fitness Appraisal in Exercise Prescription

Bowling Green State University
- KNS 2390 - Applied Sport Science
- KNS 3600 - Exercise Physiology Lab
- KNS 3600 - Exercise Physiology Lab Assistant
- KNS 3700 - Biomechanics Lab Assistant

Guest Lectures

Western Kentucky University
- EXS 122- Foundations in Kinesiology
  - Life as an Academic
  - Understanding the Correlation Coefficient

University of Alabama
- KIN 365- Applied Biomechanics
  - Forces and Motion
  - Linear Impulse and Momentum
- KIN 366- Measurement and Evaluation
  - Test Score Standardization

KIN 492- Physiology of Exercise
Muscular Control of Movement
Cardiovascular Control
Bioenergetics and Metabolism
KIN 507- Laboratory Techniques in Physical Education
Electromyography Collection Techniques and Interpretation
KIN 593- Advanced Fitness Testing and Exercise Prescription
Exercise Testing and Prescription for Special Populations

PUBLICATIONS AND PRESENTATIONS

Published Manuscripts

Stone WJ, Garver MJ, Wakeman A, **Tolusso DV** (2024). Do Darwinian Theories Apply to Sport? Somatotype and Its Changes Across a Track and Field Competition Season. *International Journal of Exercise Science, 17*(4), 1-12.

Buoncristiani N, **Tolusso DV**, Stone WS, Arnett SW, Schafer M (2023). Validity of Perceptual Recovery Status on Monitoring Recovery During a High-Intensity Back Squat Session. *International Journal of Sport Physiology and Performance, 19*(3), 242-248.

Lyons TS, Reason KW, **Tolusso DV**, Weddle AS (2023). Effects of Different Surfaces on Metabolic Cost During Repetitive Jumping: A Pilot Study. *International Journal of Exercise Science, (16)*2, 866-874

Green GK, Stone WJ, **Tolusso DV**, Schafer MA, Lyons TS (2023). A VO2max Protocol for Young, Apparently Healthy Adults. *International Journal of Exercise Science, 16*(2), 1257-1268.

Stone WJ, **Tolusso DV**, Pacheco G, Brgoch S, Nguyen NG (2022). A Pilot Study on Cannabidiol (CBD) and Eccentric Exercise: Impact on Inflammation, Performance, and Pain. *International Journal of Exercise Science, (16)*2,109-117

Stone WJ, **Tolusso DV***, Duchette C, Malone G, Dolan A (2022). Eccentric resistance training with neurological conditions: A meta analysis. *Gait & Posture*, 100,14-26. *** Listed as Co-First author**

Wolfe AA, Laurent CM, **Tolusso DV**, Rinehart AN. Differences in Lift Quality during the Barbell Back Squat when utilizing Perceived Recovery Status Regulated Intra-Session Recovery Compared to Standardized Recovery Intervals. *Journal of Strength and Conditioning Research, 38*(3), 444-449.

Tolusso DV, Dobbs WC, MacDonald HV, Winchester LJ, Laurent CM, Fedewa MV, Esco MR (2022). The validity of perceptual recovery status as a marker of daily recovery following a high-volume back squat protocol. *International Journal of Sports Physiology and Performance, 17*(6), 886-892.

Duchette C, **Tolusso DV**, Stone WJ, Blankenship M, Tinius R (2021). Prenatal Yoga and Mental Health During the COVID-19 Pandemic: A Randomized-Control Trial. *OBM Integrative and Complimentary Medicine, 6*(4), 1-19.

DeLoach B, Stone WJ, **Tolusso DV**, Brown M, Cook E, DeLoach G, Lambert D, Rueping T (2021). Aligning Perceptual Preference with Instructional Method in a Recreational Environment. *Journal of Outdoor Recreation, Education, and Leadership, 13*(4), 46-54.

Morris CE, **Tolusso DV**, Arnett SW (2021). A retrospective evaluation of physical fitness maintenance in members of a southeastern United States city professional firefighting department. *International Journal of Human Factors and Ergonomics, 8*(3), 261-276.

Snarr RL, **Tolusso DV,** Hallmark AV, Esco MR (2021). Validity of Wearable Electromyographical

Compression Shorts to Predict Lactate Threshold During Incremental Exercise in Healthy Participants. *Journal of Strength and Conditioning Research, 35*(3), 702-708.

Dobbs WC, Fedewa MV, MacDonald HV, **Tolusso DV**, Esco MR (2019). Profiles of Heart Rate Variability and Bar Velocity following Resistance Exercise. *Medicine and Science in Sports and Exercise, 52*(8), 1825-1833.

Snarr RL, **Tolusso DV**, Hallmark AV, Esco MR (2019). Comparison of Lactate and Electromyographical Thresholds after an Exercise Bout. *Journal of Strength and Conditioning Research, 33*(12),3322-3331.

Dobbs WC, **Tolusso DV**, Fedewa MV, Esco MR (2019). Effect of Post Activation Potentiation on Explosive Vertical Jump: A Systematic Review and Meta-Analysis. *Journal of Strength and Conditioning Research, 33*(7), 2009-2018.

Tolusso DV, Dobbs WC, Esco MR (2018). The Predictability of Peak Oxygen Consumption Using Submaximal Ratings of Perceived Exertion in Adolescents. *International Journal of Exercise Science, 11*(4), 1173-1183.

Snarr RL, Chrysosferidis P, **Tolusso DV.** (2018). Understanding the Physiological Limiting Factors of VO_{2max}. *Personal Training Quarterly, 5*(3), 16-18.

Williams TD, **Tolusso DV**, Fedewa MV, Esco MR. (2018). Author's Reply to Nunes et al.: Comment on: ''Comparison of Periodized and Non-Periodized Resistance Training on Maximal Strength: A Meta-Analysis'. *Sports Medicine, 48(*2), 495-496.

Fullenkamp AM, **Tolusso DV**, Laurent CM, Campbell BM, Cripps AE. (2017). A Comparison of Both Motorized and Non-Motorized Treadmill Gait Kinematics to Overground Locomotion. *Journal of Sport Rehabilitation*, 1-20.

Nickerson BS, Esco MR, Bishop PA, Kliszczewicz BM, Williford HN, Park KS, ... **Tolusso DV.** (2017). Effects of Heat Exposure on Body Water Assessed using Single-Frequency Bioelectrical Impedance Analysis and Bioimpedance Spectroscopy. *International Journal of Exercise Science, 10*(7), 1085-1093.

Williams TD, **Tolusso DV**, Fedewa MV, Esco MR. (2017). Comparison of Periodized and Non-Periodized Resistance Training on Maximal Strength: A Meta-Analysis. *Sports Medicine, 47*(10), 2083-2100.

Tolusso DV, Laurent CM, Fullenkamp AM, & Tobar DA. (2015). The Placebo Effect: Influence on Repeated Intermittent Sprinting Performance on Consecutive Days. *Journal of Strength and Conditioning Research, 29*(7), 1915-1924.

Manuscripts in Preparation/Review

Tolusso DV, Dobbs WC, MacDonald HV, Winchester LJ, Laurent CM, Fedewa MV, Esco MR. The utility of perceptual recovery status as a projection of set to set performance during a high-volume back squat protocol. Journal of Sports Sciences (in review)

Poster Presentations

Tolusso DV, Buoncristiani N, Stone WS, Malone G, Arnett SW. Perceptual Recovery Status as a Marker to Track Recovery of Performance Following Strength-Based Resistance Exercise. National Strength and Conditioning Association National Conference, Las Vegas, NV, 2023.

Stone WJ, Garver MJ, Wakeman AJ, **Tolusso DV**, Nelson H, Hair JN, Nehlsen E. Darwinian Theories Applied to Sport: Somatotype and its Changes across a DII Track and Field Competition Season.

National Strength and Conditioning Association National Conference, Las Vegas, NV, 2023.

Malone GT, Buoncristiani NA, **Tolusso DV**, MacDonald HV, Arnett SW. Differences in Muscle Activation Between the Traditional and Swiss Barbells During the Bench Press Exercise. National Strength and Conditioning Conference, Las Vegas, NV, 2023.

Buoncristiani N, Malone G, **Tolusso DV**, Arnett SW. Kinematic Differences Between The Traditional And Swiss Barbell. American College of Sports Medicine National Conference. Denver, CO, 2023.

Pacheco G, **Tolusso DV**, Stone WJ, Brgoch S, Nguyen NG. Impact Of Cannabidiol (CBD) Oil After Eccentric Loading on Physical Performance and Pain. Southeast American College of Sports Medicine Regional Conference. Greenville, SC, 2023.

Stone WJ, **Tolusso DV**, Pacheco G, Brgoch S, Nguyen NG. Cannabidiol (CBD), Eccentric Exercise, and Inflammation. Southeast American College of Sports Medicine Regional Conference. Greenville, SC, 2023.

Buoncristiani N, **Tolusso DV,** Arnett SW, Stone WS, Schafer M. The Validity of Perceptual Recovery Status on Monitoring Recovery During a High-Intensity Back Squat Session. National Strength and Conditioning Annual Meeting. New Orleans, LA, 2022.

Malone G, Stone WS, **Tolusso DV**, Arnett SW, Buoncristiani N, Schafer M. Validity of the Repetitions in Reserve Based Rating of Perceived Exertion Scale in Single Joint Exercise. National Strength and Conditioning Association Annual Meeting. New Orleans, LA, 2022.

Stone WS, **Tolusso DV**, Duchette C, Malone G, Dolan A. Is Negative as Effective as Positive Work in Those with Neurological Conditions: A Meta-Analysis. Southeast American College of Sports Medicine Regional Conference. Greenville, SC, 2022.

Buoncristiani N, Malone G, **Tolusso DV**. The Validity of Perceptual Recovery Status on Monitoring Recovery During a High-Intensity Back Squat Session. WKU Student Research Conference, 2022.

Buoncristiani N, **Tolusso DV**, Laurent CM. The Validity of Perceptual Recovery Status as a Marker of Intra-Session Recovery During Intermittent Sprint Work. National Strength and Conditioning Annual Meeting. Orlando, FL, 2021.

Clark M, Dobbs WC, **Tolusso DV**, Esco MR, MacDonald HV. The Effects of Exhaustive Resistance Exercise on Blood Pressure And Autonomic Function In Resistance-Trained Males. American College of Sports Medicine National Conference. Online, 2021.

Barefoot NT, Stone TM, **Tolusso DV**, Wingo J, MacDonald HV. The Effects of Pre-Exercise Glycerol Hyperhydration on Subsequent Exercise Performance: A Meta-Analysis. American College of Sports Medicine National Conference. Online, 2021.

Tolusso DV, Gibson B, Schafer M, Green G, Lyons TS. The Influence of Graded Exercise Protocol on VO2peak Estimation Using Perceptual Exertion. Southeast American College of Sports Medicine Regional Conference. Online, 2021.

Clark M, Dobbs WC, **Tolusso DV**, Esco MR, MacDonald HV. The Effects of Exhaustive Resistance Exercise on Blood Pressure And Autonomic Function In Resistance-Trained Males. Southeast American College of Sports Medicine Regional Conference. Online, 2021.

Barefoot NT, Stone TM, **Tolusso DV**, Wingo J, MacDonald HV. The Effects of Pre-Exercise Glycerol Hyperhydration on Subsequent Exercise Performance: A Meta-Analysis. Southeast American College

of Sports Medicine Regional Conference. Online, 2021.

Buoncristiani N, **Tolusso DV**. The Validity of Perceptual Recovery Status as a Marker of Intra-Session Recovery During Intermittent Sprint Work. WKU Student Research Conference, 2021. (Session Award Winner)

Tolusso DV, Dobbs WC, Esco MR, Arnett SW. The Influence of Fatigue on the Intrasession Reliability of Performance Indices Following a High-Volume Back Squat Protocol. National Strength and Conditioning Annual Meeting. Las Vegas, NV, 2020.

Dobbs WC, **Tolusso DV**, Fedewa MV, Esco MR. Validity of Ultra-Short Measurements of Heart Rate Variability Before and After Exhaustive Resistance Exercise. National Strength and Conditioning Annual Meeting. Las Vegas, NV, 2020.

Laurent CM, Wolfe A, Rinehart A, **Tolusso DV**. Effect of Self-Selected Vs. Standardized Recovery on Squat Velocity in Men and Women. National Strength and Conditioning Annual Meeting. Las Vegas, NV, 2020.

Wolfe A, Laurent CM, Rinehart A, **Tolusso DV**. Effect of Self-Selected Vs. Standardized Recovery on Squat Power and Force Production. National Strength and Conditioning Annual Meeting. Las Vegas, NV, 2020.

Baker K, **Tolusso DV**, Garcia J. The Relationship between Mental Toughness and the Ergogenic Effects of Music during Exercise. American College of Sports Medicine National Conference. San Francisco, CA, 2020.

Green GK, Lyons TS, Stone WJ, **Tolusso DV**. Validation of a Novel VO_{2max} Protocol. American College of Sports Medicine National Conference. San Francisco, CA, 2020.

Gibson B, **Tolusso DV**, Green G, Schafer M, Lyons S. The effect of protocol selection on the predictability of peak oxygen uptake using perceived exertion. WKU Student Research Conference, Bowling Green, KY, 2020.

Green G, Henry S, Otto S, Arnett S, **Tolusso DV**. Effects of Versa-lifts on Back Squat Kinetics And Kinematics. WKU Student Research Conference, Bowling Green, KY, 2020.

Baker K, **Tolusso DV**, Garcia J. The Relationship between Mental Toughness and the Ergogenic Effects of Music during Exercise. Southeast American College of Sports Medicine Regional Conference. Jacksonville, FL, 2020.

Green GK, Lyons TS, Zagdsuren B, **Tolusso DV**. Evaluating the Validity of the Integrative Body Composition Assessment Technique Vs. Dual-Energy X-Ray Absorptiometry. Southeast American College of Sports Medicine Regional Conference. Jacksonville, FL, 2020.

Tolusso DV, Dobbs WC, Holmes CJ, Esco MR. The Ability of Perceptual Recovery Status to Track Daily Changes in Performance Following Fatiguing Resistance Training. National Strength and Conditioning Association Annual Meeting, Indianapolis, IN, 2018.

Tolusso DV Dobbs WC, Holmes CJ, Esco MR. The Utility of Perceptual Recovery Status as a Marker of Subsequent Performance During Fatiguing Resistance Training. National Strength and Conditioning Association Annual Meeting, Indianapolis, IN, 2018.

Dobbs WC, **Tolusso DV**, Holmes CJ, Fedewa MV, Esco MR. Heart Rate Variability for Tracking Changes in Muscular Performance Following Strenuous Resistance Exercise. National Strength and

Conditioning Association Annual Meeting, Indianapolis, IN, 2018.

Kraft J, Laurent CM, Douglas SL, **Tolusso DV**, Fullenkamp AM, Green JM. Relationships among Perceived Recovery, Vertical Jump, and Change in Repeated Sprint Performance. American College of Sports Medicine National Conference, Minneapolis, MN, 2018.

Snarr RL, **Tolusso DV**, Hallmark AV, Esco MR. Comparison of Electromyographical Signal Analyses for Estimating Lactate Threshold. American College of Sports Medicine National Conference, Minneapolis, MN, 2018.

Tolusso DV, Esco MR. Predictability of Maximal Oxygen Consumption Using Submaximal Rating of Perceived Exertion in Children. Southeast American College of Sports Medicine Regional Conference, Chattanooga, TN, 2018.

Snarr RL, **Tolusso DV**, Hallmark AV, Esco MR. Comparison of Electromyographical Signal Analyses for Estimating Lactate Threshold. Southeast American College of Sports Medicine Regional Conference, Chattanooga, TN, 2018. Historical

Tolusso DV, Snarr RL, Hallmark AV, Esco MR. The Effect of Fatigue on Rate of Change of Physiological Markers of Exertion During Graded Exercise. *Journal of Strength and Conditioning Research, 31*(S1), S154. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 2017.

Tolusso DV, Snarr RL, Hallmark AV, Esco MR. Reliability of Lactate Threshold Following a Fatiguing Bout of Exercise. *Journal of Strength and Conditioning Research, 31*(S1), S120. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 2017.

Dobbs WC, **Tolusso DV**, Fedewa MV. Post Activation Potentiation on Explosive Power: A Systematic Review and Meta-Analysis. *Journal of Strength and Conditioning Research, 31*(S1), S190. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 2017.

Snarr RL, Hallmark AV, **Tolusso DV**, Esco MR. Ability of Wearable Electromyographical Compression Shorts to Predict Lactate Threshold. *Journal of Strength and Conditioning Research, 31*(S1), S238. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 2017.

Nickerson BS, Welborn B, **Tolusso DV**, Park KS, Williford HN, Esco MR. Comparison of Single-Frequency Bioelectrical Impedance and Dual Energy X-Ray Absorptiometry for Total and Segmental Body Composition. *Journal of Strength and Conditioning Research, 31*(S1), S34. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 2017.

Laurent CM, **Tolusso DV**, Fullenkamp AM, Douglas SL, Kraft JA, Green JM. Impact of Using Perceptually Regulated Recovery Periods During Repeated Sprint Work. *Medicine and Science in Sport and Exercise, 49*(5S), S114. American College of Sports Medicine Annual Meeting, Denver, CO, 2017.

Tolusso DV, Dobbs WC, Williams TD, Fedewa MV. The Effect of Temperature on Rating of Perceived Exertion: A Meta-analysis. *Journal of Strength and Conditioning Research, 30*(S2), S52. National Strength and Conditioning Association Annual Meeting, New Orleans, LA, 2016.

Stone TM, Wingo JE, **Tolusso DV**, Fedewa MV. The Effects of Pre-Exercise Glycerol Hyperhydration on Subsequent Exercise Performance: A Meta-analysis. *Journal of Strength and Conditioning Research, 30*(S2), S116. National Strength and Conditioning Association Annual Meeting, New Orleans, LA, 2016.

Williams TD, **Tolusso DV**, Fedewa MV, Esco MR. The Effect of Periodized Resistance Training on Maximal Strength: A Meta-analysis. *Journal of Strength and Conditioning Research, 30*(S2), S177.

National Strength and Conditioning Association Annual Meeting, New Orleans, LA, 2016.

Herron RL, Casey JC, **Tolusso DV**, Casey KL, Bishop PA. Influence of Short-Term Training on Performance and Reliability of a 1-Minute Push-Up Test. *Medicine and Science in Sport and Exercise, 48*(5S), S935. American College of Sports Medicine Annual Meeting, Boston, MA, 2016.

Casey JC, Herron RL, **Tolusso DV**, Casey KL, Bishop PA. Influence of Short-Term Training on Performance and Reliability of a 1-Mile Run Test. *Medicine and Science in Sport and Exercise, 48*(5S), S465. American College of Sports Medicine Annual Meeting, Boston, MA, 2016.

Fullenkamp AM, Laurent CM, **Tolusso DV**, Campbell BM. A Comparison of Non-Motorized Treadmill Gait Kinematics to Both Overground and Motorized Treadmill Locomotion. *Gait and Posture, 42*(S1), S73. European Society for Movement Analysis in Adults and Children Annual Meeting, Heidelberg, Germany, 2015.

Oral Presentations

Tolusso DV, Dobbs WC, MacDonald HV, Winchester LJ, Fedewa MV, Esco MR. The Impact of Fatigue on the Intrasession Reliability of Performance Recovery Indices Following a High-Volume Back Squat Protocol. National Strength and Conditioning Annual Meeting. New Orleans, LA, 2022.

Tolusso DV, Hornikel, B. Internal and External Markers Used to Assess Recovery from Training. Alabama State Association for Health, Physical Education, Recreation, and Dance (ASAHPERD) Fall Conference. Birmingham, AL, 2018.

Tolusso DV, Laurent CM, Fullenkamp AM, Tobar DA. The Placebo Effect During Repeated Intermittent Sprint Work: Effect on Recovery and Fatigue. Midwest American College of Sports Medicine Regional Conference. Merrillville, IN, 2014.

Tolusso DV, Laurent CM, Fullenkamp AM, Fischer DA, Morgan AL. Pre-to-Post Season Changes in Repeated Sprint Performance in NCAA Division I Ice Hockey Athletes. Midwest American College of Sports Medicine Regional Conference. Merrillville, IN, 2013.

GRANTS AND FUNDING

Investigator, Cannabidiol and Muscle Damage. WKU Collaborative Quick Turnaround Grant (Funded- $10,776)

Co-PI, Digital Reality-based Life Skills Training to Support Recovery from Opioid Addiction. NIH Small Business Innovation Research Grant (Not Funded- $39,113)

Co-PI, The Effect of Cannabidiol (CBD) Oil on the Inflammatory Response Seen After Eccentric Resistance Training (ERT). WKU Quick Turnaround Grant (Funded- $2,591)

Faculty Mentor/Co-PI, Psychological and Physiological Health Outcomes Associated with Disc Golf. WKU Faculty-Undergraduate Student Engagement Grant. (Funded- $3,000).

Faculty Mentor/Co-PI, Fatigue Status and the Disassociation Between Center of Mass and Bar Velocity. WKU Faculty-Undergraduate Student Engagement Grant. (Not Funded- $3,000)

Project Director, Player Development: The Efficacy of the Birkman Method Personality Assessment and Programming. National Collegiate Athletic Association. (Not Funded- $25,000)

Faculty Mentor/Co-PI, Fatigue Status and the Disassociation Between Center of Mass and Bar Velocity. WKU Faculty-Undergraduate Student Engagement Grant. (Not Funded- $3,000)

Co-Principle Investigator, The Effect of the Iron Neck on activation of neck and core musculature during exercise. Mission Competition Fitness Equipment LLC. (Not Funded- $20,115)

University of Alabama Graduate Student Travel and Research Support Funding and Department of Kinesiology Travel Fund. Spring 2018. (Funded- $400)

University of Alabama Graduate Student Travel and Research Support Funding and Department of Kinesiology Travel Fund. Spring 2017. (Funded- $400)

University of Alabama Graduate Student Travel and Research Support Funding and Department of Kinesiology Travel Fund. Fall 2017. (Funded- $450)

University of Alabama Graduate Student Travel and Research Support Funding and Department of Kinesiology Travel Fund. Spring 2016. (Funded- $425)

Project Coordinator, Human deception detection from whole body motion analysis. Infoscitex, subcontractor for the Department of Defense at Wright Patterson Military Base. (Funded- $151,182).

Project Coordinator, Ecological validity of human gait metrics on a non-motorized treadmill: EMG and gait variability. BGSU College of Education and Human Development Research Development Council, Bowling Green, OH. (Funded- $12,480).

MENTORSHIP

Thesis Committee Member, Chair: Scott Arnett, Student: Donte McGee — 6/23 to 5/24
The Influence of Mindfulness on Fatigue and Recovery of the Plank

Thesis Committee Member, Chair: Rachel Tinius, Student: Jada Shannon — 6/23 to 5/24
Factors Affecting the Mental Health of College Students

Thesis Committee Member, Chair: Rachel Tinius, Student: Madhawa Perera — 6/23 to 5/24
Health Professional Communication Regarding Physical Activity During Pregnancy: is it Appropriate and Can Bumptup® Influence it?

Thesis Committee Member, Chair: Whitley Stone, Student: Guillermo Pacheco — 6/23 to 5/24
The Influence of CBD on Pain following High-Volume Resistance Exercise

FUSE Grant Advisor, Student; Ryan Messenger — 5/22 to 5/23
Psychological and Physiological Health Outcomes Associated with Disc Golf

Thesis Committee Member, Student: Hanwen Liu — 5/22 to 5/23
The Effects of Attentional Focus Instructions on Approach Jump Performance

Thesis Committee Chair, Student: Nick Buoncristiani — 9/20 to 5/22
The Validity of Perceptual Recovery Status on Monitoring Recovery During a High-Intensity Back Squat Session

Thesis Committee Member, Chair: Whitley Stone, Student: Grant Malone — 9/20 to 5/22
Validity and Reliability of the Repetitions in Reserve based Rating of Perceived Exertion in Single Joint Exercise

Thesis Committee Member, Chair: Rachel Tinius, Student: Catie Duchette — 9/20 to 4/21
The Influence of Prenatal Yoga on Mental Health in Pregnancy During the Covid-19 Pandemic

Capstone Research Experience Advisor, Student: Brent Gibson — 1/20 to 5/20
The Effect of Protocol Selection on The Predictability of Peak Oxygen Uptake Using Perceived Exertion.

Thesis Committee Member, Chair: Scott Lyons, Student: Griffin Green — 2019-2020
Validation of a Novel Graded Exercise Test

Thesis Committee Member, Chair: Rachel Tinius, Student: Samantha Henry — 2019-2020
Factors Influencing Both Maternal and Infant Body Composition at Two Years Postpartum

SERVICE

International Journal of Exercise Science Quantitative Section Editor — 2020 to present

Invited Manuscript Reviewer (# of invitations)

International Journal of Exercise Science (11)	2012 to present
Medicine and Science in Sport and Exercise (1)	2020 to present
Sports Medicine (1)	2023 to present

Southeast American College of Sports Medicine Abstract Reviewer — 2019 to present

WKU Reach Week Abstract Reviewer — 2019 to 2020

WKU Kinesiology Program Comprehensive Exam Committee Member — 2021 to 2024

WKU Faculty Senate: KRS representative — 2021 to 2024

WKU Disc Golf Club Faculty Representative — 2021 to 2024

WKU Exercise Physiology Laboratory Coordinator — 2020 to 2024
Southeast American College of Sports Medicine Session Chair — 2022

Graduate Student Advisory Board — 9/13 to 5/14

Graduate Student Mentor — 8/13 to 5/14

CERTIFICATIONS AND MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Data Analytics- Google LLC
American College of Sports Medicine
Southeast Chapter of the American College of Sports Medicine
National Strength and Conditioning Association