

## John C. Garner, III, PhD, CSCS (Jay)

Department Chair  
Professor of Exercise Science  
Department of Kinesiology & Health Promotion  
Troy University  
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### Academic Record:

**2007** Doctor of Philosophy

**Auburn University**, Auburn, AL  
Department of Kinesiology  
Major Area: Kinesiology  
Concentration Area: Applied Biomechanics

**Dissertation:** *Kinetic and Kinematic Comparison of Overhand versus Underhand Throwing: The Implications on Proximal to Distal Sequencing*

**2005** Master of Science

**Auburn University**, Auburn, AL  
Department of Health and Human Performance  
Major Area: Exercise Science  
Concentration Area: Exercise and Lipid Metabolism

**Thesis:** *Acute Blood Lipid Responses to Accumulated versus Continuous Aerobic Exercise*

**2002** Bachelor of Science

**Delta State University**, Cleveland, MS  
College of Arts and Sciences  
Major Area: Biochemistry

### Employment History:

2016-present

Department Chair & Professor  
Department of Kinesiology and Health Promotion  
Troy University

2016-present

Adjunct Research Professor  
Applied Biomechanics Laboratory  
The University of Mississippi

2013-2016

Department Chair, Acting  
Department of Health, Exercise Science, and Recreation Management  
The University of Mississippi

- Fellow: 2013-2014 Southeastern Conference Academic Leader Development Program

2013-2016

*Associate Professor of Exercise Science, with tenure*  
Department of Health, Exercise Science, and Recreation Management  
The University of Mississippi

*Appointments:*

- Director: Applied Biomechanics Laboratory (2007-present)

- 2007- 2013      *Assistant Professor of Exercise Science*  
Department of Health, Exercise Science, and Recreation Management  
The University of Mississippi  
*Appointments:*
- Director: Applied Biomechanics Laboratory (2007-present)
  - Graduate Program Coordinator (2012-13)
- 2005-2007      *Graduate Research & Teaching Assistant*  
Auburn University  
Department of Kinesiology  
*Appointments:*
- Biomechanics Laboratory Student Director
- 2004-2006      *Graduate Teaching Assistant*  
Auburn University Physical Activity and Wellness Program
- 2002-2004      *Strength and Conditioning Specialist*  
Auburn University/East Alabama Medical Center:

**Research Experience:**

- Troy University Applied Exercise Science Laboratory (2016-present)
- University of Mississippi Applied Biomechanics Laboratory (2007-present)  
Director (2007-2016)
- Auburn University Sport Biomechanics Laboratory (2004-2007)  
Student Director (2006-2007)  
Research Assistant (2004-2007)
- Auburn University Musculoskeletal Research Laboratory (2005-2007)  
Research Assistant (2005-2007)
- Clinical Exercise Physiology Laboratory/*TigerFit* (2002-2005)  
Student Director (2004-2005)  
Research Assistant (2002-2005)

**Research Collaborations:**

- Troy University Department of Kinesiology and Health Promotion
- Troy University Athletics
- University of Mississippi Department of Health, Exercise Science & Recreation Management
- University of Mississippi Department of Nutrition and Hospitality Management
- University of Mississippi Department of Communicative Sciences and Disorders
- University of Mississippi School of Business Administration
- University of Mississippi Center of Excellence in Health and Sport Performance

- University of Mississippi Medical Center's Myrlie Evers-Williams Institute for the Elimination of Health Disparities
- University of Mississippi School of Health Related Professions
- University of Mississippi School of Medicine
- Mississippi State University Department of Kinesiology
- Mississippi State University College of Engineering
- Auburn University Department of Kinesiology
- Auburn University Department of Industrial and Systems Engineering
- California State University, Fullerton Department of Kinesiology
- California State University, San Bernardino Department of Kinesiology
- Florida Southern College Department of Exercise Science
- Western Kentucky University Department of Kinesiology, Recreation & Sport
- University of Oklahoma Department of Health and Exercise Science
- Acushnet/Footjoy Corporation
- W.L Gore and Associates
- Blue Cross/Blue Shield of Mississippi Foundation

## Scholarship:

### **Refereed Journal Publications**

Alhassan, S, Reese, KA, Mahurin, J, Plaisance, EP, Hilson, BD, **Garner, JC**, Wie, SO, & Grandjean, PW. Blood Lipid Responses to Plant Stanol Ester Supplementation and Aerobic Exercise Training. *Metabolism*, 2006, 55, 541-549.

Mestek, ML, **Garner, JC**, Plaisance, EP, Taylor, JK, Alhasson, S, & Grandjean, PW. Blood lipid responses after continuous and accumulated aerobic exercise. *International Journal of Sport Nutrition and Exercise Metabolism*, 2006, 16, 245-254.

Plaisance, EP, Taylor, JK, Hilson, BD, Alhasson, S., Abebe, A., Mestek, ML, **Garner, JC**, & Grandjean, PW. Cardiovascular fitness and vascular inflammatory markers following acute aerobic exercise. *International Journal of Sports Medicine*, 2007, 17, 152-162.

**Garner, JC**, Blackburn, JT, Weimar, WH, & Campbell, BJ. Comparison of electromyographic activity during eccentrically loaded versus concentrically loaded isometric muscle contractions. *Journal of Electromyography and Kinesiology*, 2008, 18, 466-471.

Breslin, CM, **Garner, JC**, Rudisill, ME, Parish, LE, St Onge, PM, & Weimar, WH. The Influence of Task Constraints on the Humeral Lag of the Overarm Throw of Novice Throwers. *Research Quarterly for Exercise and Sport*, 2009, 80, 375-379.

Owens, SG, **Garner, JC**, Loftin, JM, van Blerk, N, & Ermin, K. Changes in Physical Activity and Fitness After 3 Months of Home Wii Fit Use. *Journal of Strength and Conditioning Research*, 2011, 25, 3191-3197.

**Garner, JC**, MacDonald, CJ, Wade, C, Johnson, AK, & Ford-Wade, MA. The Influence of Body Composition on Youth Throwing Kinetics. *Pediatric Exercise Science*, 2011, 23, 379-387.

MacDonald, CJ, Lamont, HS, & **Garner, JC**. A Comparison of the Effects of 6 Weeks of Traditional Resistance Training, Plyometric Training, and Complex Training on Measures of Strength and Anthropometrics. *Journal of Strength and Conditioning Research*, 2012, 26, 422-431.

Dabbs NC, Tran TT, **Garner JC**, & Brown LE. A Brief Review: Utilizing Whole-Body Vibration to Increase Acute Power and Vertical Jump Performance. *Strength and Conditioning Journal*, 2012, 34, 78-84.

**Garner, JC**, Wade, C, Garten, R, Chander, H, & Acevedo, E. The Influence of Firefighter Boot Type on Balance. *International Journal of Industrial Ergonomics*, 2013, 43, 77-81.

MacDonald, CJ, Lamont, HS, **Garner, JC**, & Jackson, K. A Comparison of the Effects of 6 Weeks of Traditional Resistance Training, Plyometric Training, and Complex Training on Measures of Power. *Journal of Trainology*, 2013, 2, 13-18

MacDonald, CJ, Israetel, MA, Dabbs, NC, Chander, H, Allen, CR, Lamont, H, & **Garner, JC**. Influence of Body Composition on Selected Jump Performance Measures in Collegiate Female Athletes. *Journal of Trainology*, 2013, 2, 33-37.

Wade, C, **Garner, JC**, Andres, RO, & Redfern, M. Walking on Ballast impacts Balance. *Ergonomics*, 2014, 57, 66-73.

Allen, CR, Dabbs, NC, & **Garner, JC**. The Acute Effect of a Commercially Available Performance Mouthpiece on Strength and Power Assessments. *Journal of Strength and Conditioning Research*, 2014, 28, 499-503.

Dabbs, NC, Brown, LE, & **Garner, JC**. The Effects of Whole Body Vibration on Vertical Jump Performance Following Exercise Induced Muscle Damage. *International Journal of Kinesiology and Sports Science*, 2014, 1, 23-28.

Dabbs, NC, MacDonald, CJ, Chander, H, Lamont, HS, Wade, C, & **Garner, JC**. The Acute Effects of Whole-Body Vibration on Functional Stability Measures in Older Women. *Medicina Sportiva*, 2014, 18, 10-15.

Chander, H, Wade, C, & **Garner, JC**. Impact on Balance while Walking in Occupational Footwear. *Footwear Science*, 2014, 6, 59-66.

Chander, H, MacDonald, CJ, Dabbs, NC, Lamont, HS, & **Garner, JC**. Balance Performance in Varsity Collegiate Female Athletes. *Journal of Sport Science*, 2014, 2, 13-20.

Chander, H, **Garner, JC**, & Wade, C. Heel Contact Dynamics in Alternative Footwear during Slip Events. *International Journal of Industrial Ergonomics*, 2015, 48, 158-166.

Chander, H, **Garner, JC**, & Wade, C. The Effect of Occupational Footwear on Dynamic Balance Perturbations. *Footwear Science*, 2015, 7:2, 115-126.

Chander, H, **Garner, JC (Corresponding Author)**, & Wade, C. Ground Reaction Forces in Alternative Footwear During Slip Events. *International Journal of Kinesiology & Sport Sciences*, 2015, 3:2, 1-8.

Dabbs, NC, Lundahl, J & **Garner, JC**. Effectiveness of Different Rest Intervals Following Whole-Body Vibration on Vertical Jump Performance between College Female Athletes and Recreationally Trained Female Athletes. *Sports*, 2015, 3, 258-268.

Cazás-Moreno, VC, Gdovin, JR, Williams, CC, Fu, YC, Allen, CR, Brown LE, **Garner, JC**. Influence of Whole Body Vibration and Specific Warm-ups on Force during an Isometric Mid-Thigh Pull. *International Journal of Kinesiology and Sports Science*. 3(4):31-39, 2015.

Dabbs, NC, Black, CD, & **Garner, JC**. Whole-Body Vibration while Squatting and Delayed-Onset Muscle Soreness in Women. *Journal of Athletic Training*, 50(12), 1233-1239, 2015.

Wilson, SJ, **Garner, JC**, Loprinzi, PD. The Influence of Multiple Sensory Impairment on Functional Balance and Difficulty with Falls Among US Adults. *Preventative Medicine*, 87, 41-46, 2016.

Blair, LL, Aloia, CR, Valliant, MW, Knight, K, **Garner, JC**, & Nahar, VK. Association between Athletic Participation and the Risk of Eating Disorder and Body Dissatisfaction in College Students. *International Journal of School Health* 3(2): e33518, 2016.

Allen, CR, Fu, YC, & **Garner, JC**. The Effects of Jaw Clenching and Jaw Alignment Mouthpiece use on Muscle Activity during Vertical Jump and Isometric Clean Pull Performance. *International Journal of Kinesiology and Sport Sciences*, 43(2), 42-49, 2016.

Williams, C, Gdovin, JR, Allen, CR, Cazas-Moreno, VL, Ossenheimer, C, Wilson, SJ & **Garner, JC**. Strength and Conditioning Considerations for Collegiate Dance. *Strength & Conditioning Journal*, 38(2): 88-95, 2016.

Chander, H, Wade, C, & **Garner, JC**. Slip Outcomes in Firefighters: A Comparison of Rubber and Leather Boots. *Occupational Ergonomics* 13,67-77, 2016.

Chander, H, Morris, CE, Wilson, SJ, Wade, C, & **Garner, JC**. Balance Performance in Alternative Footwear. *Journal of Footwear Science* 8(3): 165-174, 2016.

Dabbs, NC, Black, C, & **Garner, JC**. The Effects of Whole-Body Vibration on Muscle Contractile Properties in Exercise Induced Muscle Damage Females. *Journal of Electromyography and Kinesiology* 30, 119-125, 2016.

Nahar, VK, Nelson, KM, Ford-Wade, MA, Manoj, S, Bass, MA, Haskins, MA, **Garner, JC**. Predictors of Bone Mineral Density among Asian Indians in Northern Mississippi: A Pilot Study. *Journal of Research in Health Sciences* 4(16), 228-232, 2016.

Chander, H, Wade, C, **Garner, JC**, & Knight, AC. Slip Initiation in Alternative and Slip Resistant Footwear. *International Journal of Occupational Safety and Ergonomics* 21. 1-12, 2016.

Morris, CE, **Garner, JC**, Owens, SG, Valliant, MW, & Loftin, JM. Evaluation of the Accuracy of a Previously Published Equation to Predict Energy Expenditure per Unit Distance Following an Exercise Intervention in Previously Sedentary Overweight Adults. *Gazetta Medica Italiana* 176(1-2), 1-9, 2017.

Blair, L, Aloia, CR, Valliant, MW, Knight, KB, **Garner, JC**, & Nahar, VK. Association between Athletic Participation and the Risk of Eating Disorder and Body Dissatisfaction in College Students. *International Journal of Health Sciences (Accepted - in press)*.

Williams, CC, Gdovin, JR, Wilson, SJ, Cazas-Moreno, VL, Eason, JD, Hoke, EL, Allen, CR, Wade, C, & **Garner, JC**. The Effects of Various Weighted Implements on Baseball Swing Kinematics in Collegiate Baseball Players. *Journal of Strength & Conditioning Research (Accepted – in press)*

Morris, CE, **Garner, JC**, Owens, SG, Valliant, MW, & Loftin, M. A Prospective Study Comparing Distance-based vs. Timebased Exercise Prescriptions of Walking and Running for Improvement of Cardiovascular Disease Risk Factors in Previously Sedentary Overweight Adults. *International Journal of Exercise Science (Accepted – in press)*

Morris, CE, Chander, CE, **Garner, JC**, DeBusk, H, Owens, SG, Valliant, MW & Loftin, JM. Evaluation of Human Balance Following an Exercise Intervention in Previously Sedentary, Overweight Adults. *Journal of Functional Morphology and Kinesiology (Accepted – in press)*

Allen, CR, Fu, YC, Cazas-Moreno, VL, Gdovin, JR, Williams, CC, Loftin, JM, Valliant, MW, & **Garner, JC**. The Effects of Jaw Clenching and Jaw Alignment Mouthpiece Use on Force Production during Vertical Jump and Isometric Clean Pull. *Journal of Strength & Conditioning Research (accepted)*

Chander, H, **Garner, JC**, Knight, AC, & Wade, C. Postural Control in Workplace Safety: Role of Occupational Footwear and Workload. *Safety (Accepted)*

Wilson, SJ, Williams, CC, Gdovin, JR, Eason, JD, Chander, H, Wade, C & **Garner, JC**. The Influence of an Acute Bout of Whole Body Vibration on Human Postural Control Responses. *Journal of Motor Behavior* (in review)

Lamont, HS, MacDonald, CJ, **Garner, JC**, Chander, H, Gentles, JA, Kavanaugh, AA, & Stone, MH. Net PVGRF/kg Body Mass During CMVJ Over a 15 Minute Period Following 12 Different PAP Protocols. *Journal of Strength and Conditioning Research* (in review)

Gdovin, JR, Williams, CC, Wilson, SJ, Cazas-Moreno, VL, Eason, JD, Hoke, EL, Allen, CR, Chander, H, Wade, C, **Garner, JC**. The Effects of Athletic Footwear on Ground Reaction Forces During a Side-Step Cutting Maneuver on Artificial Turf. *Journal of Strength & Conditioning Research* (in review).

Allen, CR, Fu, YC, & **Garner, JC**. The Effects of a Self-Adapted, Jaw Repositioning Mouthpiece and Jaw Clenching on Muscle Activity during Vertical Jump and Isometric Clean Pull Performance. *International Journal of Kinesiology and Sport Sciences* (in review).

Fu, YC, Dabbs, NC, & **Garner, JC**. Comparison of Linear and Angular Bat Velocities with Differently Weighted Warm-Up Bats in Female Softball Players. *Journal of Sport Science* (in review)

Morris, CE, Chander, H, Wilson, SJ, Wade, C, Loftin, M, & **Garner, JC**. Impact of Alternative Footwear on Human Energy Expenditure. *Footwear Science* (in review)

**Garner, JC**, Wilson, SJ, Gdovin, JR, Williams, CC, Eason, JD, Hoke, EL, Chander, H, Williams, N, Wade, C. The Impact of Golf Specific Footwear on Human Balance. *Journal of Sports Biomechanics*. (in review)

Chander, H, Knight, AC, **Garner, JC**, Wade, C, Carruth, D, Wilson, SJ, Gdovin, JR, & Williams, CC. Impact of Military Type Footwear and Load Carrying Workload on Postural Stability. *Ergonomics* (in review)

Chander, H, Knight, AC, **Garner, JC**, Wade, C, Carruth, D, DeBusk, H, & Hill, CM. Impact of Military Type Footwear and Workload on Heel Contact Dynamics during Slip Events. *Journal of Safety Research* (in review)

Donahue, PT, Beiser, E, Wilson, SJ & **Garner, JC**. The Relationship between Measures of Lower Body Peak Power, Anthropometrics and Baseball Pitching Velocity in Elite Professional Baseball Pitchers. *Journal of Strength and Conditioning Research* (in review)

### **Manuscripts in Preparation**

Allen, CR, Hatchett, AG, Green, M, Esco, M, & **Garner, JC**. An Examination of the Hand Release Pushup as a Predictor of 1 RM Bench Press Strength. (*Strength and Conditioning Journal*)

**Garner, JC**, Chander, H, & Wade, C. The Effect of Extended Durations of Walking in Occupational Footwear on Muscle Activity. (*International Journal of Occupational Safety & Ergonomics*)

Chander, H, Wade, C, & **Garner, JC**. Muscle Activation Patterns in Alternative Footwear during Slip Events (*Applied Ergonomics*)

Dabbs, NC & **Garner, JC**. The Effect of Whole-Body Vibration on Vertical Jump Performance in Female Recreational and Varsity Athletes. (*Journal of Strength and Conditioning Research*)

Dabbs, NC, **Garner, JC**, & Fu, YC. 3D Examination of the Influence of Differently Weighted Warm-up Bats on Swing Kinematics. (*Journal of Applied Biomechanics*).

**Garner, JC**, Chander, H, Dabbs, NC, & Wade, C. Joint Kinetics during Slip Trials in Firefighters. (*Journal of Applied Biomechanics*).

Chander, H, **Garner, JC**, & Wade, C. Footwear Impacts on Human Balance: A Brief Review (*Footwear Science*)

Chander, H, **Garner, JC**, Knight, AC, & Wade, C. Postural Control in Workplace Safety: Role of Occupational Footwear and Workload (*International Journal of Industrial Ergonomics*)

### **Refereed Abstract Publications:**

Grandjean, PW, Grandjean, AB, Alhasson, S, Plaisance, EP, Reese, KA, Hilson, BD, **Garner, JC**, & Wee, SO. Influence of Fitness Status on Cardiorespiratory Responses to Continuously Graded Treadmill Protocols. Abstracted: *Medicine and Science in Sports and Exercise* 36(5), S114; 2004.

Weimar, WH, Campbell, BJ, & **Garner, JC**. The Role of the Latissimus Dorsi in Pelvic Girdle Motions. Abstracted: *Medicine and Science in Sports and Exercise* 37(5), S394; 2005.

Alhasson, S, Reese, KA, Plaisance, EP, Hilson, BD, **Garner, JC**, Wee, SO, & Grandjean, PW. Effects of Dietary Plant Stanol Ester Margarine and Aerobic Exercise Training on Blood Lipid Concentrations. Abstracted: *Medicine and Science in Sports and Exercise* 37(5), S381; 2005.

Plaisance, EP, Taylor, JK, Hilson, BD, Alhasson, S, **Garner, JC**, Mestek, ML, & Grandjean, PW. Vascular Inflammatory Response to Aerobic Exercise. Abstracted: *Medicine and Science in Sports and Exercise* 37(5), S378; 2005.



**Garner, JC**, Mestek, ML, Plaisance, EP, Hilson, BD, Alhasson, S, Taylor, JK, Wee, SO, & Grandjean, PW. Blood Lipid Responses after Continuous and Accumulated Aerobic Exercise. Abstracted: *Medicine and Science in Sports and Exercise* 37(5), S380; 2005.

Campbell, BJ, Weimar, WH, Blackburn, JT, & **Garner, JC**. Effects of Grip Intensity on Wrist Extensor Activity: Applications for Tennis Elbow. Abstracted: *Journal of Athletic Training* 40(2), S46; 2005.

Breslin, CM, **Garner, JC**, Rudisill, ME, Parish, LE, St. Onge, PM, Weimar, WH, & Campbell, BJ. The Effects of Weight and Size of the Ball on Humeral Lag when Throwing: Measurement Concerns. Abstracted: *Journal of Sport and Exercise Psychology* 28(S), S201; 2006.

**Garner, JC**, Weimar, WH, Campbell, BJ, Breslin, CM, Rudisill, ME, & Parish, LE. Influence of Weight on Ball Lag in Throwing. Abstracted: *Journal of Sport and Exercise Psychology* 28(S), S201; 2006

Hilson, BD, Plaisance, EP, Alhasson, S, **Garner, JC**, Mestek, ML, Taylor, JK, & Grandjean, PW. The Influence of Cardiorespiratory Fitness on Acute Blood Lipid and Lipoprotein Responses to Aerobic Exercise. Abstracted: *Medicine and Science in Sports and Exercise* 38(5), S482; 2006

Weimar, WH, **Garner, JC**, Campbell, BJ, & St. Onge., Influence of Height and Edge Proximity on Balance. Abstracted: *Medicine and Science in Sports and Exercise* 38(5), S451; 2006

**Garner, JC**, Blackburn, JT, Weimar, WH, Campbell, BC, & Pascoe, DD. Comparison of EMG Amplitude during Eccentrically Loaded versus Concentrically Loaded Isometric Muscle Contractions. Abstracted: *Medicine and Science in Sports and Exercise* 38(5), S264; 2006.

Campbell, BJ, Weimar, WH, & **Garner, JC**. Counter Moment Effects on Active Wrist Extensor Muscles during Maximal Gripping. Abstracted: *Medicine and Science in Sports and Exercise* 38(5), S268; 2006

Campbell, BJ, Gary, M, Savoi, J, Weimar, W, **Garner, JC**. External Palm Padding and its Effect on Sound Production during Football Catching. Abstracted: *Journal of Strength and Conditioning Research*, 21(5), 2007.

Breslin, CM, **Garner, JC**, Rudisill, ME, Parish, LE, St. Onge, PM, Campbell, BJ, & Weimar, WH. Overarm Throwing Measurements: Humeral lag or ball lag? Abstracted: *Medicine and Science in Sports and Exercise* 39(5), S479; 2007.

Weimar, WH, **Garner, JC**, Breslin, CM, Parish, LE, & Rudisill, ME. The Influence of Ball Weight and Size on Shoulder External Rotation. Abstracted: *Medicine and Science in Sports and Exercise* 39(5), S477; 2007.

Shroyer, JF, **Garner, JC**, Weimar, WH, & Overfelt, RT. Effect of Mechanical Stimulation of Peripheral Nerves of the Forearm on Cognitive Thinking Performance. Abstracted: *Medicine and Science in Sports and Exercise* 39(5), S268; 2007.

**Garner, JC**, Weimar, WH, Breslin, CM, Parish, L, Campbell, BJ, & Rudisill, ME. The Influence of Ball Size and Weight on Lag Period of Upper Arm in Overhand Throwing. Abstracted: *Medicine and Science in Sports and Exercise* 39(5), S477; 2007.

Knight, AC, **Garner, JC**, Shroyer, JF, & Weimar, WH. Comparison of Glenohumeral Range of Motion in Throwing Athletes versus Non-Throwing Athletes. Abstracted: *Medicine and Science in Sports and Exercise* 39(5), S477; 2007.

Campbell, BJ, Weimar, WH, **Garner, JC**. The Role of an External Counter-Moment on the Perceived Pain of Tennis Elbow. Abstracted: *Medicine and Science in Sports and Exercise* 39(5), S475; 2007.

Campbell, B.J., Weimar, W.H., **Garner, J.C.**, & Knight, A. Unilateral Patella Tendon Strap Effects on Weight Bearing Squat in Healthy Males. Abstracted: *Journal of Athletic Training*, 42(s), S21; 2007.

**Garner, JC**, Weimar, WH, & Madsen, NH. Kinematic Analysis of the Underhand Softball Pitch. Abstracted: *Medicine and Science in Sports and Exercise* 40(5), S377; 2008.

Weimar, WH, **Garner, JC**, Shroyer, JF, Knight, AC, & Overfelt, RT. The Influence of Mechanical Nerve Stimulation on Center of Gravity. Abstracted: *Medicine and Science in Sports and Exercise* 40(5), S345; 2008.

Shroyer, JF, **Garner, JC**, Weimar, WH, Knight, AC, & Sumner, AM. Influence of Sneakers versus Flip-Flops on Attack Angle and Peak Vertical Force at Heel Contact. 2008 Abstracted: *Medicine and Science in Sports and Exercise* 40(5), S333; 2008

**Garner, JC**, Knight, AC, Weimar, WH, & MacDonald, CJ. Glenohumeral Range of Motion in Overhead Athletes versus Non-Overhead Athletes. Abstracted: *Journal of Strength and Conditioning Research* 22(5), 2008

**Garner, JC**, Weimar, WH, & Madsen, NH. Two-Dimensional Sequential Analysis of the Underhand Softball Pitch. Abstracted: *Proceedings of the North American Conference of Biomechanics* 21; 2008.

Weimar, WH, **Garner, JC**, Campbell, BJ, & St. Onge, PF. The Influence of Height and Edge Proximity on Balance and Reaction Time. Abstracted: *Proceedings of the North American Conference of Biomechanics*. 2008.

**Garner, JC**, Weimar, WH, & Madsen, NH. Kinematic and Kinetic Comparison of Overhand and Underhand Pitching: Implications to Proximal-to-Distal Sequencing. Abstracted: *Medicine and Science in Sports and Exercise* 41(5), S486; 2009.

MacDonald, CJ, Lamont, HS, & **Garner, JC**. Short Term Adaptations in Strength, Power and Body Mass Following Three Different Modes of Resistance Training. Abstracted: *Medicine and Science in Sports and Exercise* 41(5), S293; 2009.

**Garner, JC**, Johnson, AK, MacDonald, CJ, Ford-Wade, A, Wade, C. The Influence of Body Composition and Segmental Mass on Kinetic Variables Associated with Youth Throwing Injuries. Abstracted: *Journal of Strength and Conditioning Research* 23(5), 2009.  
MacDonald, CJ, Lamont, HS, **Garner, JC**. A Comparison of the Effects of 6 Weeks of 3 Different Training Modes on Measures of Strength and Anthropometrics. Abstracted: *Journal of Strength and Conditioning Research* 23(5), 2009

Day, LB, Tramel, B, **Garner, JC**, & Waddell, DE. A Novel Method for Demonstrating Moto Impairments in Birds: Cerebellar Involvement in Balance. Abstracted: *Society for Neuroscience Abstracts*, 11, 2009.

Waddell, DE, Thrasher, ML, Ma, X, & **Garner, JC**. Bilateral Gait Asymmetry in an Obese Population during Down-Slope Walking. Abstracted: *Society for Neuroscience Abstracts*, 11, 2009.

MacDonald, CJ, **Garner, JC**, Wade, C, & Lamont S. The Effect of Extended Durations of Walking on Postural Fatigue. Abstracted: *Medicine and Science in Sports and Exercise* 42(5), S387-388, 2010.

MacDonald, CJ, Lamont, HS, & **Garner, JC**. The Effects of 3 Different Modes of Training Upon Measures of CMVJ Performance. Abstracted: *Journal of Strength and Conditioning Research* 24(5), 2010.

**Garner, JC**, Wade, C, MacDonald, CJ, & Lamont, H. Knee Musculature Co-Contraction Following Extended Durations of Walking in Work Boots. Abstracted: *Journal of Strength and Conditioning Research* 24(5), 2010.

**Garner, JC & Wade, C**. Temporal and Spatial Gait Characteristics during Prolonged Exposure to a Normal Surface in Work Boots. Abstracted: *Proceedings of the American Society of Biomechanics*, 2010.

Wade, C & **Garner, JC**. Ankle and Knee Musculature Co-Contraction Following Extended Durations of Walking in Work Boots. Abstracted: *Proceedings of the American Society of Biomechanics*, 2010.

Weimar, WH, Madsen, NH, **Garner, JC**, & Wang, YT. Two-Dimensional Sequential Analysis of the Front Snap Kick. Abstracted: *Proceedings of the American Society of Biomechanics*, 2010.

Wenzel, R, Valliant, MW, Hilson-Garner, BH, & **Garner, JC**. Inadequacies of Macronutrient Intake of Intercollegiate Female Athletes. Abstracted: *Journal of the American Dietetic Association* 111(9) A-98, 2011

Dabbs, NC, Brown, LE, Coburn, JW, Lynn, SK, Biagini, BS, Tran, TT, & **Garner, JC**. Relationship between bat speed and performance in division 1 softball players. Abstracted: *Medicine and Science in Sports and Exercise* 43(5), S859, 2011

**Garner, JC**, Lamont, HS, Wade, C, & MacDonald, CJ. The Acute Effects of Whole Body Vibration on postural Control Measures in Elderly Women. Abstracted: *Medicine and Science in Sports and Exercise* 43(5), S526, 2011

Dabbs, NC, Munoz, CX, Tran, TT, Brown, LE, & **Garner, JC**. Effect of Rest Intervals following Whole-Body Vibration on Power Output in the Vertical Jump. *Journal of Strength and Conditioning Research* 25(5), 2011.

Lamont, HS, **Garner, JC**, & MacDonald, CJ. The Acute Effects of 12 Combinations of Isometric and Whole Body Vibration Exposures upon Peak Ground Reaction Forces during CMVJ over a 15 Minute Period. *Journal of Strength and Conditioning Research* 25(5), 2011.

MacDonald, CJ, Lamont, HS, & **Garner, JC**. Comparisons Between Body Composition and Power Production During Jumps in Collegiate Female Athletes. Abstracted: *Journal of Strength and Conditioning Research* 25(5), 2011.

Chander, H, Wade, C, **Garner, JC**, Garten, R, & Acevedo, E. The Influence of Firefighter Boot Type on Postural Measures. Abstracted: *Proceedings of the American Society of Biomechanics*, 2011

Wade, C, **Garner, JC**, Redfern, MS, Andres, RO, & Roche, J. Impact of Extended Durations of Ballast on Postural Stability. Abstracted: *Proceedings of the Human Factors and Ergonomics Society 55<sup>th</sup> Annual Conference*

Wade, C, Andres, R, & **Garner, JC**. Impact of Extended Durations of Ballast on Postural Stability. Abstracted: *Proceedings of the 18<sup>th</sup> World Congress on Ergonomics* 41, 2012

Blair, LL, Valiant, MW, Knight, K, Chang, Y, & **Garner, JC**. Comparison of Exercise and Eating in College Athletes vs Non-Athletes Active in High School Sports. Abstracted: *Medicine and Science in Sports and Exercise* 44(5), S311, 2012.

Dabbs NC, **Garner JC**, Ricks RC, Chander C, Wilkerson C, Young J. The Influence of Different Weighted Warm-up Bats on Swinging Performance. Abstracted: *Medicine and Science in Sports and Exercise* 44(5), S401, 2012.

Hilson-Garner, BD, Patrick, J, **Garner, JC**, & Valliant, M. The Efficacy of a Six Month Corporate Health Initiative Program. Abstracted: *Medicine and Science in Sports and Exercise* 44(5), S197, 2012

**Garner JC**, Chander H, Dabbs NC, Roche J, Wade C. The Influence of Occupational

Footwear on Balance. Abstracted: *Medicine and Science in Sports and Exercise* 44(5), S336, 2012

Dabbs NC, **Garner JC**, Chander H, & Brown LE. Preliminary Three-Dimensional Examination of the Influence of Different Weighted Warm-up Bats on Swing Kinematics. *Journal of Strength and Conditioning Research* 27(1s), 2012

Chander, H, **Garner, JC**, Wade, C, Roche, J, Dabbs, NC & MacNeill, RL. The Effect of extended durations of walking in occupational footwear. Abstracted: *Proceedings of the American Society of Biomechanics*, 2012

Dabbs NC, Chander H, Lundahl JA, Allen CR, **Garner JC**. The Effects of Whole-body Vibration on Vertical Jump Height and Peak Power. Abstracted: *Medicine and Science in Sports and Exercise*, 45(5), S432, 2013.

**Garner JC**, Chander H, Wade C, Dabbs NC, Waddell DE, Lundahl, J. Impacts of Muscle Activity while Walking in Occupational Footwear. Abstracted: *Medicine and Science in Sports and Exercise*, 45(5), S334, 2013.

Cazas VL, Brown LE, Coburn JW, Galpin AJ, Tufano JJ, **Garner JC**, Dabbs NC, Chander H. Influence of Rest Intervals Following Assisted Jumping on Peak Velocity, Rate of Velocity Development & Rate of Force Development. Abstracted: *Journal of Strength and Conditioning Research*, 27(5), 2013.

Dabbs NC, Chander H, Allen CR, Lundahl J, Cazas VL, Hilton MS, Italia MA, & **Garner JC**. The Effects of Whole-body Vibration on Ground Reaction Forces and Rate of Force Development in College Aged Females. Abstracted: *Journal of Strength and Conditioning Research*, 27(5), 2013.

Allen CR, Lundahl J, Chander H, Zachay C, Dabbs NC, & **Garner JC**. The Acute Effects of a Performance Mouthpiece on Whole Body Reaction Time to Balance Perturbations. Abstracted: *Journal of Strength and Conditioning Research*, 27(5), 2013.

Chander H, Wade C, Dabbs NC, Allen CR, Cazas VL, Lundahl J, & **Garner JC**. The Effect of Occupational Footwear on Dynamic Balance. ASB Annual Meeting, Omaha, NE September, 2013. Abstracted: *Proceedings of the American Society of Biomechanics*, 2013.

**Garner, JC**, Chander, H, Wade, C, Dabbs, NC, Allen, CR, Cazas, VL, Lundahl, J, & Borland, CE. The Influence of Occupational Footwear on Lower Extremity Muscle Activity During Balance Perturbations. Abstracted: *Medicine and Science in Sports and Exercise*, 46(5), 2014.

Brewer, C, Waddell, DE, & **Garner, JC**. Effects of Prophylactic Naproxen Sodium on Dynamic Strength Gains During Periodized Resistance Training. Abstracted: *Medicine and Science in Sports and Exercise*, 46(5S), 2014.

Dabbs, NC, Black, CD, Loftin, JM, Valliant, MW, Brown, LE, & **Garner, JC**. Effects of Whole-Body Vibration on Pain Sensitivity Following Exercise Induced Muscle Damage. Abstracted: *Medicine and Science in Sports and Exercise*, 46(5S), 2014.

Valliant, MW, Garner, BH, & **Garner, JC**. An Onsite Corporate Health Initiative Program Reduces Metabolic Syndrome Risk Factors. Abstracted: *Medicine and Science in Sports and Exercise*, 46(5S), 2014.

**Dabbs NC**, Chander H, Moreno V, Brown LE, & **Garner JC**. Effects of Whole Body Vibration on Muscle Activity during Maximal Voluntary Isometric Contraction Following Exercise Induced Muscle Damage. Abstracted: *Journal of Strength and Conditioning Research*, 28(5), 2014.

Cazas-Moreno VL, Chander H, MacDonald CJ, Dabbs NC, Allen CR, Lamont HS & Garner JC. Difference in Reaction Time Between Female Collegiate Athletes. Abstracted: *Journal of Strength and Conditioning Research*, 28(5), 2014.

**Allen, CR**, Hatchett, AG, Lundahl, J, Turnage, B, Arpin, R, Chander, H, Cazas-Moreno, VL, & Garner, JC. An exploratory examination of the relationship between traditional pushups, hand-release pushups, and one-repetition maximum bench press performance. Abstracted: *Journal of Strength and Conditioning Research*, 28(5), 2014.

Chander, H, Wade, C, Allen, CR, Cazas, VL, Lundahl, J, & **Garner, JC**. Muscle Activity during Balance Perturbations in Occupational Footwear. Abstracted: Proceedings of the World Congress of Biomechanics, 2014.

Dabbs, NC, Chander, C, Black, CD, Loftin, JM, Valliant, MW, Brown, LE, & **Garner, JC**. Effects of Whole Body Vibration on Voluntary Torque Following Exercise Induced Muscle Damage in Recreationally Trained Females. Abstracted: *Medicine and Science in Sports and Exercise*, 47(5S), 2015.

Cazas-Moreno, VL, Chander, C, Allen CR, **Garner, JC**, Gdovin, JR, & Williams, CC. The Influence of Whole-Body Vibration on Rate of Force Development During an Isometric Clean Pull. Abstracted: *Medicine and Science in Sports and Exercise*, 47(5S), 2015.

Wilson, SJ, Chander, H, Morris, CE, Wade, C & **Garner, JC**. Alternative Footwear's Influence on Static Balance Following a One Mile Walk. Abstracted: *Medicine and Science in Sports and Exercise*, 47(5S), 2015.

**Garner, JC**, Chander, H, Morris, CE, Wilson, SJ, Knight, AC, Holmes, ME, & Wade, C. Impact of Alternative Footwear on Balance Perturbations. Abstracted: *Medicine and Science in Sports and Exercise*, 47(5S), 2015.

DeBusk H, Chander H, Morris CE, Wilson SJ, Knight AC, Holmes ME, Hill CM, Wade C &

**Garner JC.** The Effect of Commonly Used Alternative Footwear on Balance. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015.

Hill CM, Chander H, Morris CE, Wilson SJ, Knight AC, Holmes ME, DeBusk H, Wade C & **Garner JC.** Impact of Low Intensity Workload on Muscle Exertion in Alternative Footwear. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015.

Fu, YC, Dabbs, NC, & **Garner, JC.** Comparison of Linear and Angular Swing Velocities with Differently Weighted Warm-up Bats in Softball Players. Abstracted: *Proceedings of the International Sport Biomechanics Society*, 2015.

Wilson SJ, Chander H, Morris CE, **Garner JC**, Waddell DE & Wade C. Alternative Footwear's Influence on Muscle Activation Patterns of the Lower Leg Following a One Mile Walk. Abstracted: *Proceedings of the American Society of Biomechanics*, 2015

Fu, YC, Dabbs, NC, & **Garner, JC.** No Angular Swing Kinematic Differences in Female Softball Players with Differently Weighted Warm-up Bats. Abstracted: *Proceedings of the American Society of Biomechanics*, 2015

Chander, H, Wade, C, Knight, AC, & **Garner, JC.** Lower Extremity Joint Kinematics in Alternative Footwear during Slip Events. Abstracted: *Proceedings of the American Society of Biomechanics*, 2015

Cazas-Moreno VL, Fu, YC, **Garner, JC**, Gdovin, JR, Williams, CC, & Allen, CR. The Influence of an Isometric Warm-Up and Whole Body Vibration on Rate of Force Development during an Isometric Clean Pull. Abstracted: *Journal of Strength and Conditioning Research*, 28(5), 2015.

Williams, CC, Cazas-Moreno, VL, Fu, YC, **Garner, JC**, Gdovin, JR, & Allen, CR. The Effects of an Isometric Warm-Up and Whole Body Vibration on Maximal Isometric Force during an Isometric Clean Pull. Abstracted: *Journal of Strength and Conditioning Research*, 28(5), 2015.

Gdovin, JR, Cazas-Moreno, VL, Fu, YC, **Garner, JC**, Williams, CC, & Allen, CR. The Influence of an Isometric Warm-up and Whole Body Vibration on Power Output during an Isometric Clean Pull. Abstracted: *Journal of Strength and Conditioning Research*, 28(5), 2015.

Wilson, SJ, Chander, H, Wade, C, Cazas-Moreno, VL, Gdovin, JR Williams, CC, & **Garner, JC.** Ankle Kinematics in Alternative Footwear during Slip Events. Abstracted: *Medicine and Science in Sports and Exercise*, 48(5S), 2016.

Morris, CE, **Garner, JC**, Owens, SG, Valliant, MW & Loftin, JM. Comparing Distance-based vs Time-Based Exercise Prescriptions of Walking and Running for Improvement of Blood Lipid Profiles and Blood Glucose. Abstracted: *Medicine and Science in Sports and Exercise*, 48(5S), 2016.

Chander, H., **Garner, JC.**, Wade, C. & Knight, AC. Impact of Alternative Footwear on Lower Extremity Muscle Activity During Normal and Slippery Gait. Abstracted: *Annual Proceedings of the Gait and Clinical Movement Analysis Society*. Memphis, TN, May 17-20, 2016.

Lynn, SK, Carver, SW, Noffal, GJ, Brown, LE & **Garner, JC.** Lumbar and Thoracic Range of Motion in Skilled Golfers With and Without Low Back Pain. Abstracted: *Annual Proceedings of the World Scientific Congress of Golf*. St. Andrews, Scotland, July 18-22, 2016.

Williams, CC, Dabbs, NC, Gdovin, JR, Wilson, SJ, Cazas-Moreno, VL, Eason, JD, Hoke, EL, Fu, UC, Wade, C, & **Garner, JC.** The Effects of Various Weighted Implements on Baseball Swing Kinematics in Collegiate Baseball Players. Abstracted: *Journal of Strength & Conditioning Research*, 29(5), 2016

Wilson, SJ, Gdovin, JR, Williams, CC, Eason, JD, Chander, H & **Garner, JC.** Applications of Whole Body Vibration: Are Spinal Modifications Playing a Role? Abstracted: *Proceedings of the American Society of Biomechanics*, 2016.

Chander, C, **Garner, JC**, Wade, C, Knight, AC, Wilson, SJ, & Fu, YC. Human Balance in Occupational Footwear with an Extended Duration Workload. Abstracted: *Proceedings of the American Society of Biomechanics*, 2016.

Eason, JD, Wilson, SJ, Gdovin, JR, Williams, CC, Hoke, EL, Chander, H, & **Garner, JC.** Effects of Whole Body Vibration on Maximal Voluntary Isometric Contraction and Percent Muscle Activation. Abstracted: *Proceedings of the American Society of Biomechanics*, 2016.

Gdovin, JR, Williams, CC, Wilson, SJ, Cazas-Moreno, VL, Eason, JD, Hoke, EL, Fu, YC, Wade, C & **Garner, JC.** The Effects of American Football Cleats and Soccer Cleats on Vertical Jump Performance. Abstracted: *Proceedings of the American Society of Biomechanics*, 2016.

Dispennette, AK, Morris, CE, Chander, H, **Garner, JC**, DeBusk, H, Owens, SG, Valliant, MW, & Loftin. Impact of an Exercise Intervention on Human Balance Center of Pressure Sway Parameters in Previously Sedentary, Overweight Adults. Abstracted: *Medicine and Science in Sports and Exercise*, 49(5S), 2017.

Morris, CE, Chander, H, **Garner, JC**, DeBusk, H, Owens, SG, Valliant, MW, & Loftin, M. Evaluating Perturbations to Human Balance Following an Exercise Intervention in Previously Sedentary, Overweight Adults. Abstracted: *Medicine and Science in Sports and Exercise*, 49(5S), 2017.



Wiczynski, TL, Morris, CE, Chander, H, **Garner, JC**, DeBusk, H, Owens, SG, Valliant, MW, & Loftin, M. Impact of Alternative Footwear on Human Energy Expenditure. Abstracted: *Medicine and Science in Sports and Exercise*, 49(5S), 2017.

Williams CC, Gdovin JR, Wilson SJ, Hill CM, Luginsland LA, Hoke EL, Eason JD, Smidebush MM, Yarbrough AL, Wade C, & **Garner JC**. Changes in swing kinematics in collegiate softball players over a fall softball season. Abstracted: *Journal of Strength & Conditioning Research*, 30(5), 2017.

Hill CM, Williams CC, Gdovin JR, Wilson SJ, Eason JD, Hoke EL, Donahue PT, Wade C, **Garner JC**. The effects of various weighted implements on perception and bat angle in collegiate baseball players. Abstracted: *Journal of Strength & Conditioning Research*, 30(5), 2017.

Donahue, PT, Jackson, PM, Wilson, SJ, Gdovin, JR, Williams, CC, Luginsland, LA, Hill, CM, Studzinski, DL, Guarascio, JJ, & **Garner, JC**. Effect of Offseason Training on Countermovement Jump Velocity in Division 1 Football Athletes. Abstracted: *Journal of Strength & Conditioning Research*, 30(5), 2017.

Wilson SJ, Gdovin JR, Williams CC, Eason JD, Luginsland LA, Hill CM, Donahue PT, Hoke EL, Chander H, **Garner JC**. More Than a Foot Wedge – Golf Footwear and Postural Control. Abstracted: *Journal of Strength & Conditioning Research*, 30(5), 2017.

**Garner JC**, Wilson SJ, Gdovin JR, Williams CC, Eason JD, Hoke EL, Hill CM, & Chander, H. The Influence of Golf Specific Footwear on Postural Equilibrium and Latencies. Abstracted: *Journal of Strength & Conditioning Research*, 30(5), 2017.

Chander, H, Knight, AC, Wade, C, **Garner, JC**, DeBusk, H, Wilson, SJ, & Carruth, D. Muscle Activity during Postural Stability Tasks: Role of Military Footwear and Workload. Abstracted: *Proceedings of the American Society of Biomechanics*, 2017.

Luginsland LA, Chander H, Wade C, **Garner JC**, Eason JD, Wilson SJ, Gdovin JR, Hill CM, Knight AC, Carruth D. Influence of Occupational Footwear on Muscle Activity during a Simulated Extended Time-Duration. *Proceedings of the American Society of Biomechanics*, 2017.

Wilson SJ, Chander H, Knight AC, **Garner JC**, Wade C, Gdovin JR, Hill CM, DeBusk H, Luginsland LA, & Carruth DC. Lower Extremity Kinematics in Military Footwear During Slip Events. *Proceedings of the American Society of Biomechanics*, 2017.

### Refereed Research Presentations

**Garner, JC**, Weimar, WH, & Madsen, NH. Analysis of the Underhand Windmill Pitch. *Southeast American Society of Biomechanics, Birmingham, AL, 2008.*

**Garner, JC**, Wade, C, Lamont, HS, & MacDonald, CJ. The Effect of Extended Durations of Walking in Work Boots on Balance. Southeast American College of Sports Medicine, Greenville, SC, 2010.

MacDonald, CJ, **Garner, JC**, Wade, C, & Lamont, HS. The Effect of Durations of Walking on Postural Fatigue. Southeast American College of Sports Medicine, Greenville, SC, 2010.

**Garner, JC & Wade, C.** Temporal and Spatial Gait Characteristics during Prolonged Exposure to a Normal Surface in Work Boots. American Society of Biomechanics, Providence, RI, 2010.

MacDonald, CJ, Lamont, HS, **Garner, JC**, Gentles, JA, & Kavanaugh, AA. Relationships Between Jump Characteristics of Collegiate Female Athletes Competing in Difference Disciplines. NSCA Coaches' College, Johnson City TN, 2010.

D.E. Waddell, X. Ma and **J.C. Garner** Asymmetrical coordination of gait in an obese population, Global Obesity Summit, Jackson MS, 2010.

**Garner, JC**, Wade, C, MacDonald, CJ, Ford, MA, & Johnson, AK. The Influence of Body Composition on Youth Throwing Kinetics. Global Obesity Summit, Jackson, MS, 2010.

MacDonald, CJ, Lamont, HS, **Garner, JC**, Jackson, K, Kavanaugh, AA, Carter, CR, Owens, EM, & Stone, MH. Relationships Between Measures of Jump Performance and Strength Following Three Different Methods of Resistance Training. Southeast American College of Sports Medicine, Greenville, SC, 2011.

**Garner, JC**, Lamont, HS, Wade, C, & MacDonald, CJ. The Acute Effects of Whole Body Vibration on Postural Control Measures in Elderly Women. Southeast American College of Sports Medicine, Greenville, SC, 2011.

MacDonald, CJ, Dabbs, NC, Chander, H, & **Garner, JC**. Comparisons between Body Composition and Power Production during Jumps in Collegiate Female Athletes. NSCA Coaches' College, Johnson City TN, 2011.

Lamont, HS, **Garner, JC**, & MacDonald, CJ. Ground Reaction forces of Female Athletes Performing a Vertical Jump following Exposure to Whole Body Vibration. United Kingdom Strength and Conditioning Association Annual Conference, Stirling, Scotland, 2011

Dabbs NC, Chander H, Lundahl JA, Allen CR, **Garner JC**. The Effects of Whole-Body Vibration on Vertical Jump Height and Peak Power. Southeast American College of Sports Medicine, Greenville, SC, 2013.

Lundahl JA, Allen CR, Dabbs NC, Chander H, **Garner JC**. The Acute Effects of a performance Mouthpiece on Measures of strength and power. Southeast American College of Sports Medicine, Greenville, SC, 2013.

Chander H, **Garner JC**, Wade C, Dabbs NC, Waddell DE, Lundahl, J. Impacts of Muscle Activity while Walking in Occupational Footwear. Southeast American College of Sports Medicine, Greenville, SC, 2013.

Dabbs, NC, Chander, H, Cazas, VL, Allen, CR, Lundahl, J, Terrell, E, Castles, C, Brown, LE, & **Garner, JC**. Effects of Whole Body Vibration on Vertical Jump Height and Power Output Following Exercise Induced Muscle Soreness in Women. Southwest American College of Sports Medicine, Newport Beach, CA, 2013.

**Garner, JC**, Chander, H, Wade, C, Dabbs, NC, Allen, CR, Cazas, VL, Lundahl, J, & Borland, CE. The Influence of Occupational Footwear on Lower Extremity Muscle Activity During Balance Perturbations. Southeast American College of Sports Medicine, Greenville, SC 2014.

Dabbs NC, Chander H, MacDonald CJ, Allen CR, Lamont HS, & **Garner JC**. The Relationship Between Static and Dynamic Balance Performance in Female Collegiate Athletes. Southwest American College of Sports Medicine, Costa Mesa, CA, 2014.

Wilson, SJ, Chander, H, Morris, CE, Wade, C & **Garner, JC**. Alternative Footwear's Influence on Static Balance Following a One Mile Walk. Southeast American College of Sports Medicine, Jacksonville, FL, 2015.

Chander, H, Morris, CE, Wilson, SJ, Knight, AC, Holmes, ME, Wade, C & **Garner, JC**. Impact of Alternative Footwear on Balance Perturbations. Southeast American College of Sports Medicine, Jacksonville, FL, 2015.

DeBusk H, Chander H, Morris, CE, Wilson, SJ, Knight, AC, Holmes, ME, Hill, CM, Wade, C & **Garner, JC**. The Effect of Commonly Used Alternative Footwear on Balance. Southeast American College of Sports Medicine, Jacksonville, FL, 2015.

Hill CM, Chander H, Morris CE, Wilson SJ, Knight AC, Holmes ME, DeBusk H, Wade C & **Garner, JC**. Impact of Low Intensity Workload on Muscle Exertion in Alternative Footwear. Southeast American College of Sports Medicine, Jacksonville, FL, 2015.

Morris, CE, **Garner, JC**, Owens, SG, Valliant, MW, Haskins, MA & Loftin, JM. Comparing Distance-Based vs Time-Based Exercise Prescriptions of Walking and Running for Improvement of Body Composition. Southeast American College of Sports Medicine, Jacksonville, FL, 2015.

Ford, MA, Nahar, VK, Nelson, K, Bass, MA, & **Garner, JC**. Predictors of Bone Mineral Density among Asian Indians in North Mississippi: A Pilot Study. Mississippi Public Health Association, Jackson, MS, 2016.

Morris, CE, **Garner, JC**, Owens, SG, Valliant, MW & Loftin, JM. Comparing Distance Based vs Time Based Exercise Prescriptions of Walking and Running for Improvement of Blood Lipid Profiles and Blood Glucose. Southeast American College of Sports Medicine, Greenville, SC, 2016.

Chander H, **Garner JC**, Wade C, Knight AC, DeBusk H & Hill CM. Lower Extremity Muscle Activity in Alternative Footwear During Slip Events: A Preliminary Analysis. Southeast American College of Sports Medicine, Greenville, SC, 2016.

Cazás-Moreno, VL, Gdovin, JR, Williams, CC, Wilson, SJ, & **Garner, JC**. Effects of lower body isometric strength after various warm-up protocols. Southeast American College of Sports Medicine, Greenville, SC, 2016.

Williams, CC, Chander, H, Wade, C, Wilson, SJ, Cazas-Moreno, VL, Gdovin, JR & **Garner, JC**. Footwear design characteristic's impact on lower extremity muscle activity. Southeast American College of Sports Medicine, Greenville, SC, 2016.

Wilson, SJ, Chander, H, Wade, C, Cazas-Moreno, VL, Gdovin, JR, Williams, CC & **Garner, JC**. Ankle kinematics in alternative footwear during slip events. Southeast American College of Sports Medicine, Greenville, SC, 2016.

Gdovin JR, Chander H, Wade C, Wilson SJ, Cazás-Moreno VL, Williams CC, & **Garner JC**. Occupational footwear's effects on balance. Southeast American College of Sports Medicine, Greenville, SC, 2016.

**Garner, JC**, Wilson, SJ, & Chander, H. The Effect of Whole Body Vibration on Reaction Time during Balance Perturbations. University of Mississippi/University of Mississippi Medical Center Research Day, 2016.

Fu, YC, Graves, D, Garner, JC, Rogers, J, Webster, J & Sabatier, J. Validation of Gait Measurement using Doppler Ultrasonic Device: Preliminary Results. International Symposium on 3D Analysis of Human Movement, Taipei, Taiwan, 2016.

Dispennette AK, Morris CE, Chander H, **Garner JC**, DeBusk H, Owens, SG, Valliant, MW & Loftin, M. Impact of an Exercise Intervention on Human Balance Center of Pressure Sway Parameters in Previously Sedentary, Overweight Adults. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Eason JD, Wilson SJ, Gdovin JR, Williams CC, Hoke EL, Luginsland LA, Hill CM, Donahue PT, Chander H, Wade C & **Garner JC**. The Effects of Golf Shoe Type on Balance Equilibrium Scores. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Gdovin JR, Wilson SJ, Williams CC, Eason JD, Hoke EL, Luginsland LA, Hill CM, Donahue PT, Davis RE, Chander H, Wade C & **Garner JC**. The Acute Effects of Golf Specific Footwear on Reaction Time Latencies. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Hoke EL, Wilson SJ, Gdovin JR, Williams CC, Eason JD, Luginsland LA, Hill CM, Donahue PT, Chander H, Wade C, Green M & **Garner JC**. Acute Effects of Golf Specific Footwear on Bilateral Balance. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Luginsland, LA, Wilson, SJ, Gdovin, JR, Williams, CC, Eason, JD, Hoke, EL, Hill, CM, Donahue, PT, Chander, H, Wade, C & **Garner, JC**. The Acute Influence of Golf Specific Footwear on Balance Equilibrium Scores. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Morris, CE, Chander, H, **Garner, JC**, DeBusk, H, Owens, SG, Valliant, MW & Loftin, M. Evaluating Perturbations to Human Balance Following an Exercise Intervention in Previously Sedentary, Overweight Adults. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Pearson RC, Morris, CE, Chander H, Wilson SJ, Loftin M, Wade, C & **Garner, JC**. Impact of Alternative Footwear on Human Energy Expenditure. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Wiczynski TL, Morris CE, Chander, H, **Garner, JC**, DeBusk H, Owens, SG, Valliant, MW, & Loftin, M. The Relationship of Weight Loss and Balance Performance Following an Exercise Intervention in Previously Sedentary Overweight Adults. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Williams CC, Wilson SJ, Gdovin JR, Eason JD, Hoke EL, Luginsland LA, Hill CM, Donahue PT, Davis RE, Chander H, Wade C & **Garner JC**. The Influence of Golf Specific Footwear on Whole Body Reaction Times. Southeast American College of Sports Medicine, Greenville, SC, 2017.

Wilson SJ, Gdovin JR, Williams CC, Eason JD, Hoke EL, Luginsland LA, Hill CM, Donahue PT, Chander H, Wade C, Green M & **Garner JC**. The Effects of Golf Specific Footwear on Human Balance. Southeast American College of Sports Medicine, Greenville, SC, 2017.

### **Invited Presentations:**

**Garner, JC**. Influence of Footwear on Occupational Injury. Troy University, Troy, AL

**Garner, JC** & Wade, C. Postural Instability in the Railroad Industry. Deep South Center for Occupational Health & Safety (NIOSH/ERC) Research Symposium. Opelika, AL.

**Garner, JC** & Lamont, HS. The Acute Effects of Whole Body Low Frequency Vibration on Postural Control in Older Women. School of Applied Sciences Research Brownbag. The University of Mississippi.

Wade, C, & **Garner, JC**. Current Techniques in Motion Capture. Southeast American College of Sports Medicine Tutorial. Southeast American College of Sports Medicine, Greenville, SC.

MacDonald, CJ, Gentles, JA, Stone, M, & **Garner, JC**. Long Term Interdisciplinary Athlete Development and Monitoring Programs. *Symposium* – SEACSM Regional Meeting, Greenville, SC

**Garner, JC.** Exercise and Gait. United States Department of Agriculture: National Forest Fire Prevention. Oxford, MS

**Garner, JC & Garner, BH.** Components of a Healthy Lifestyle. VIP Oxford, MS

### **Research Funding:**

**Garner, JC & Wilson, SJ**

*Injury Prevention in the Roofing Industry*

National Institute for Occupational Safety and Health/Education Research Center

Funding Requested: \$ 11,995

Status: In Review

**Garner, JC**

*The Influence of Golf Specific Footwear on Postural Equilibrium and Latencies*

Troy University Faculty Development Grant

Funding Request: \$750

Status: Funded

Hephner-Lebanc, B, Jekabsons, A, & **Garner, JC,**

RebelWell Campus Health Initiative

Funding Request: \$503,000

Blue Cross/Blue Shield of Mississippi Foundation

Status: Funded

Beason, K & **Garner, JC**

Baddour Center Practical Experience Project

Funding Request: \$11,440

The Baddour Center

Status: Funded

Hephner-Lebanc, B, **Garner, JC,** & Jekabsons, A

RebelWell Campus Health Initiative

Funding Request: \$326,000

Blue Cross/Blue Shield of Mississippi Foundation

Status: Funded

**Garner, JC**

Influence of Golf Shoe Type Worn in Extended Durations on Postural Control Measures

Funding Request: \$5000

Acushnet/Foot Joy

Status: Funded

**Knight, K & Garner, JC**  
RebelWell Campus Health Initiative  
Funding Request: \$249,994  
Blue Cross/Blue Shield of Mississippi Foundation  
Status: Funded

**Garner, JC, Loftin, JM**  
Cardiac Rehab Practical Experiences Project for Graduate Students  
Funding Request: \$11,440  
Baptist Memorial Hospital – North Mississippi  
Status: Funded

**Gdovin, JR & Garner, JC**  
*Kinematic Comparison of Cleat Type during Performance Movements*  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$1000  
Status: Funded

**Cazas-Moreno, V & Garner, JC**  
*Influence of Footwear on Force Production during Olympic Lifts*  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$1000  
Status: Funded

**Morris, CE, Chander, H, & Garner, JC**  
Impact of Alternative Footwear on Human Energy Expenditure, Balance, and Gait  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$1000  
Status: Funded

**Wade, C & Garner, JC**  
Slip Outcomes in Firefighters: A Comparison of Rubber and Leather Boots  
W.L. Gore & Associates  
Funding Request: \$6,000  
Status: Funded

**Dabbs, NC & Garner, JC**  
Effect of Whole-Body Vibration on Muscle Recovery following DOMS  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$1000  
Status: Funded

**Allen, CR & Garner, JC**

*The Effect of a TMJ device on Athletic Performance Measures*  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$1000  
Status: Funded

**Garner, JC (ABL)**

Applied Biomechanics Laboratory Equipment  
Funding Request: \$77,823  
Status: Funded

**Chander, H & Garner, JC**

*The Effect of Boot Type on Postural Control*  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$500  
Status: Funded

**Garner, JC**

*Fatigue and Postural Instability in the Railroad Industry*  
National Institute for Occupational Safety and Health/Education Research Center  
Funding Requested: \$ 19,955  
Status: Funded

**MacDonald, CJ & Garner, JC**

*Adaptations in Strength and Power Following Three Different Modes of Resistance Training*  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$500  
Status: Funded

**Garner, JC & Lamont, HS**

*The Acute Effect of Whole Body Vibration on Stability Measurements in Older Women*  
2009 School of Applied Science Summer Grant  
Funding Requested: \$15,675  
Status: Funded

**Day, Elaine**

*Recovery of Function and Neurogenesis after Cerebellar Damage in Zebra Finch*  
Funding Request: \$250,000  
National Center for Research Resources  
**Role: Researcher**  
Status: Funded



**Garner, JC**

*Influence of Body Composition and Segmental Mass on Overexertional Injuries in Youth Throwing*

2007-2008 School of Applied Science Dean Research Award Grant

Funding Requested: \$6500

Status: Funded

Overfelt, RT, & Weimar, WH,

*Effects of Mechanical Stimulation on the Peripheral Forearm*

United States Department of Defense: Marine Corps

**Role: Student Researcher**

Funding Requested: \$120,000

Status: Funded

**Garner, JC**

*Kinetic and Kinematic Comparison of Overhand versus Underhand Throwing: The implications to Proximal to Distal Sequencing Theory*

Auburn University Graduate School Competitive Research Grant

Funding Requested: \$500

Status: Funded

**Garner, JC & Grandjean, PW**

*Acute Blood Lipid Responses to Continuous and Accumulated Exercise*

Auburn University Graduate Student Research Grant

Funding Request: \$750

Status: Funded

Grandjean, PW, **Garner, JC**, & Plaisance, EP

The Influence of Fitness on Vascular Inflammatory Markers after Aerobic Exercise

Auburn University Competitive Research Grant

**Role: Researcher**

Funding Requested: \$3,000

Status: Funded, 2003

**Submitted Research Funding:**

Valliant, MW, Carithers, TC & **Garner, JC**

How Does Mississippi's Concussion Policy Affect the Prevalence of New and Recurrent Concussions in High School Athletes? What are the Attitudes and Knowledge of their New Concussion Law Among High School Coaches and Administrators?

Funding Request: \$230,400

National Operating Committee on Standards for Athletic Equipment

Clark, Alice  
NIH Building Infrastructure Leading to Diversity Initiative (U54)  
Funding Request: \$3,000,000  
Role: **Researcher/Academic Mentor**  
National Institutes of Health (NIH)

Valliant, MW & **Garner, JC**  
Efficacies of on-field testing modalities on Sickle Cell Trait Athletes  
Funding Request: \$78,728  
National Football League Medical Charities  
**Garner, JC**  
Slip and Fall Outcomes in Firefighters  
Funding Request: \$19,947  
National Institute for Occupational Safety and Health/Education Research Center

**Garner, JC** & Dabbs, NC  
The Effect of Whole-body Vibration on Muscle Recovery  
Funding Request: \$10,000  
National Strength and Conditioning Association

**Garner, JC**  
*Major Instrumentation Grant*  
National Science Foundation  
Role: **Primary Investigator**  
Funding Request: \$225,000

Blackburn, JT, & Weimar, WH  
*The effects of trunk kinematics on knee kinematics and kinetics, and lower extremity EMG*  
Centers for Disease Control and Prevention, Dept. of Health and Human Services  
Role: **Graduate Research Assistant**  
Funding Requested: \$99,617

## **Curriculum Experience:**

### **Troy University**

#### **Undergraduate Courses**

KHP 4496 – Biomechanics of Human Movement  
KHP L496 – Biomechanics of Human Movement Laboratory  
KHP 4498 – Internship in Exercise Science  
KHP 3352 – Kinesiology

#### **Graduate Courses**

KHP 6623 – Biomechanics of Sport Technique

### **University of Mississippi**

#### **Graduate Courses**

ES 512 – Advanced Biomechanics of Human Movement  
ES 548 – Biomechanics of Injury  
ES 612 – Instrumentation and Analysis of Human Movement  
ES 625 – Research Methods  
ES 632 – Advanced Structural Kinesiology

#### **Undergraduate Courses**

ES 346 – Kinesiology  
ES 391 – Trends and Topics in Exercise Science

- Applied Strength & Conditioning
- Biomechanics of Sport Technique
- Sport Science

ES 446 – Biomechanics of Human Movement  
ES 447 – Biomechanics of Human Movement Laboratory

### **Auburn University**

#### **Graduate Courses**

HLHP 7970 – Electromyographic Analysis of Human Motion

#### **Undergraduate Courses**

HLHP 3620 – Biomechanics of Human Motion  
HLHP 3630 – Biomechanics of Human Motion Lab  
HLHP 4970 – Applied Anatomy for the Allied Health Professional

## **Professional and Academic Affiliations:**

2011-2016 Mississippi Chapter of the National Strength & Conditioning Association  
- *Founding Board Member*

2008-present American Society of Biomechanics (peer review membership)

2006-present Southeast Chapter of the American Society of Biomechanics

2004-present National Strength and Conditioning Association

2003-present Southeast Chapter of the American College of Sports Medicine

2003-present American College of Sports Medicine

**Certifications:**

- 2002-present Certified Strength and Conditioning Specialist (CSCS),  
National Strength and Conditioning Association #030711023
- 2002-present Cardiopulmonary Resuscitation and Emergency Cardiac Care Provider  
American Red Cross

**Selected Honors and Awards:**

- Banner Bearer – Graduate School (Summer 2017 Graduation)
- Thomas Crowe School of Applied Sciences Outstanding Faculty Award (2014, 2015)
- Thomas Crowe School of Applied Sciences Outstanding Faculty Nominee (2012-2016)
- University of Mississippi Excellence in Advising Award Nominee (2012, 2015)
- University of Mississippi Elsie Hood Outstanding Faculty Award Nominee (2013, 2014)
- 2013-14 SEC-U Academic Leadership Development Fellow
- “Who’s Who” Among Collegiate Professors
- School of Applied Science Summer Research Fellowship
- School of Applied Science Dean’s Summer Research Award
- Membership to American Society of Biomechanics
- Auburn University Delta Epsilon Iota National Honor Society
- Auburn University Kappa Delta Pi National Education Honor Society
- “Who’s Who” Among Strength and Conditioning Professionals
- ”Who’s Who” Among American Graduate Students
- Auburn University Chapter Alpha Theta Chi National Honor Society
- ABCA/Horizon Academic All-American
- Rawlings/ABCA All-American
- Horizon Academic All Region
- Rawlings/ABCA South Central Region Pitcher of the Year
- Rawlings/ABCA All Region
- Gulf South Conference Pitcher of the Year
- Gulf South Conference All-Conference
- Gulf South Conference Academic All-Conference
- Delta State University Senior Athlete of the Year
- Delta State University Gamma Phi Beta National Honor Society
- Delta State University Robert Elliot Scholar
- Delta State University Alpha Epsilon Delta Medical Honor Society
- Delta State University Beta Beta Beta Biological Honor Society

**Service:**

*Departmental:*

- 2016-present *Chair*, Kinesiology and Health Promotion
- 2013-2016 *Chair*, Health, Exercise Science, & Recreation Management (Acting)
- 2014-2015 *Chair*, Exercise Science Search Committee (4)
- 2012-2014 HESRM Graduate Program Coordinator
- 2012-2013 *Chair*, Health/Biostatistics Search Committee
- 2012-2016 *Coordinator*, HESRM Graduate Cycle B Assessment
- 2012 *Chair*, HESRM Instructor Search Committee
- 2010-2011 *co-Chair*, HESRM Strategic Planning Committee

2010-2011 HESRM Tenure Track Faculty Search Committees (Dual Search)  
2009-2010 *Chair*, HESRM LIBA 101 Committee  
2009-2016 HESRM Merit Award Committee  
2008-2016 *Director*, Applied Biomechanics Laboratory  
2008-2016 *Chair*, HESRM Library Acquisitions  
2008 HESRM Tenure Track Faculty Search Committee  
2007-2016 HESRM Graduate Studies Committee  
2006-2007 Auburn University HLHP Graduate Teaching Assistant Mentor  
2006-2007 Auburn University HLHP Scholarship Golf Tournament Committee

*College:*

2016-present College of Health & Human Services Executive Board  
2013-2016 University of Mississippi School of Applied Sciences Chairs Committee  
2012-2016 University of Mississippi School of Applied Sciences Curriculum & Policy  
2011-2012 SAS-Hospitality Management Project Manager Search Committee  
2011-2012 University of Mississippi School of Applied Sciences Dean Search Committee  
2010-2011 University of Mississippi School of Applied Sciences Dean Search Committee  
2010-2011 UM School of Applied Sciences Insight Park Community Clinic Focus Group

*University:*

2017 Troy University Textbook Innovation Committee  
2015-2016 University of Mississippi Campus Recreation Committee  
2014-2016 University of Mississippi Luckday Residential College Fellow  
2014-2016 University of Mississippi General Education Committee  
2014-2016 University of Mississippi Research Day Executive Committee  
2014-2016 University of Mississippi Shared Instrumentation Task Force  
2014-2016 University of Mississippi RebelWell Health Initiative Executive Board  
2014-2016 *Chair*, University of Mississippi RebelWell Physical Activity Subcommittee  
2013-2014 University of Mississippi Director of Campus Recreation Committee  
2013 University of Mississippi HealthWorks Strategic Planning Team  
2012-2016 University of Mississippi Office of Research Start-Up Task Force  
2012-2016 Ole Miss Athletics Academic Recruiting  
2012-2016 *Chair*, University of Mississippi STEM Faculty Retention Subcommittee  
2012-2016 University of Mississippi STEM Faculty Task Force  
2011-2016 University of Mississippi University Research Board  
2011-2016 University of Mississippi Non-Resident Admissions Committee  
2010-2012 University of Mississippi Recreation Committee  
2010-2011 University of Mississippi Faculty Senate Finance Subcommittee  
2010-2016 Ole Miss Men's Golf Consultant  
2009 University of Mississippi Luckyday Residential College Fellow Committee  
2009-2010 University of Mississippi Faculty Senate Academic Affairs Subcommittee  
2009-2011 University of Mississippi Faculty Senate  
2004-2007 Auburn University Swimming Team (11-time National Champions)

- Video Motion Analysis

2005-2007 Motion Analysis and Sport Technique Consultant for Auburn University athletes

*Professional:*

- 2017 SE American College of Sports Medicine Biomechanics Session Chair
- 2016 Facilitator – SEC Academic Leadership Development Program
- 2016 SE American College of Sports Medicine Biomechanics Session Chair
- 2014 International Society of Biomechanics in Sport Scientific Committee
- 2013 SE American College of Sports Medicine Biomechanics Session Chair
- 2012 SE American College of Sports Medicine Biomechanics Session Chair
- 2011-2016 Mississippi Chapter of the National Strength & Conditioning Association  
- *Founding Board Member*
- 2010-2011 SE American College of Sports Medicine Lecture Series, *Chair*
- 2010 SE American College of Sports Medicine Biomechanics Session Chair
- 2008-2016 Ole Miss Strength & Conditioning Motion Capture Analysis
- 2008-2012 Get Fast, Inc. Research Advisory Board
- 2008 HESRM Program Combination Committee
- 2008-2016 North Mississippi Science Fair Judge
- 2007-2016 Ole Miss Track & Field Throwing Athletes
  - Video Motion Analysis
  - Dartfish® Throwing Technique Instruction
- 2004-2007 Auburn University Community Outreach Weight Training Instructor
- 2003-2007 Conditioning Consultant for Caribbean Olympic Training Center, Auburn, AL
  - Flexibility & Technique Programs for World Class Sprinters
- 2002-2005 TigerFit Health and Fitness Assessment Assistant

*Editorial Board Member:*

International Journal of Kinesiology and Sport Science (2015-present)

*Grant Reviewer:*

NIOSH/Deep South ERC (2011-present)

University of Mississippi Office of Research & Sponsored Programs (2012-2016)

*Manuscript Reviewer:*

Journal of Science and Medicine in Sport (2007-present)

Strength and Conditioning Journal (2009-present)

Journal of Strength and Conditioning Research (2009-present)

Research Quarterly for Exercise and Sport (2009-present)

Medicine and Science in Sport and Exercise (2010-present)

The Physician and Sports Medicine (2011-present)

International Journal of Industrial Ergonomics (2012-present)

Trainology (2013-present)

Journal of Athletic Training (2013-present)

International Journal of Kinesiology & Sport Sciences (2014-present)

Journal of Physical Education and Sport Management (2015-present)

International Journal of Golf Science (2015-present)

Safety and Health at Work (2016-present)

International Journal of Athletic Therapy & Training (2017-present)

International Journal of Industrial Ergonomics (2017-present)  
American Journal of Sports Medicine (2017-present)

*Abstract Reviewer:*

International Society of Biomechanics in Sports (2013-present)  
Southeast American College of Sports Medicine (2009-present)  
American College of Sports Medicine (2009-present)  
National Strength & Conditioning Association (2013-present)

*Textbook Reviewer:*

McGraw-Hill Higher Education (2009-present)  
Jones & Bartlett (2011-present)

*Textbook Ancillary Materials:*

Primary author for ancillary materials for:  
Flanagan, SP. *Biomechanics: A Case-Based Approach*. Jones & Bartlett Learning, 2014.

*Dissertation/Thesis Committee Service:*

*Doctoral Level:*

2009-2011	Christi Brewer - Assistant Professor, Eastern Washington University
2009-2013	Christopher MacDonald - Assistant Professor, Coastal Carolina University
2010-2013	Nicole Dabbs, <i>chair</i> - Assistant Professor, Cal State University, San Bernardino
2013-2014	Cody Morris - Assistant Professor, Western Kentucky University
2013-2014	Sheryl Chatfield, <i>co-chair</i> - Assistant Professor, Kent State University
2011-2014	Harish Chander, <i>chair</i> - Assistant Professor, Mississippi State University
2012-present	Charles Allen, <i>chair</i> -Assistant Professor, Florida Southern College
2013-2015	T. Davis, <i>co-chair</i> -Health Educator & Advocate, University of Mississippi
2012-2016	Vanessa Cazas, <i>chair</i> -Program Manager, MPower Performance Institute
2013-2016	Riley Galloway -Assistant Professor, Missouri State University
2014-present	Jacob Gdovin, <i>chair</i> -Assistant Professor, Missouri State University
2014-present	Caleb Williams, <i>chair</i>
2014-present	Samuel Williams, <i>chair</i>
2015-present	Tyler Donahue, <i>chair</i>

*Masters Level:*

2008-2009	Christopher MacDonald
2010-2011	Harish Chander, <i>chair</i>
2013-2015	Samuel Wilson, <i>chair</i>
2013-2015	Robert Davis
2013-2015	Matthew Jessee
2014-2016	Scott Dankel
2015-2016	Caitlin Francis
2015-2016	Brittany Counts
2015-2016	Hillary Ake
2015-2017	Elizabeth Hoke, <i>chair</i>
2015-2017	Derek Eason, <i>chair</i>

*Sally McDonnell Barksdale Undergraduate Honors College Research Thesis*

2009-2010	Maggie Lancaster
2010-2011	Katherine Jackson, <i>chair</i>
2010-2012	Rebecca MacNeill, <i>chair</i>
2010-2012	Kacie Childers, <i>chair</i>
2011-2013	Jacob McGregor, <i>chair</i>
2011-2013	Marco Italia, <i>chair</i>
2011-2013	Morgan Hilton, <i>chair</i>
2011-2013	Kristine Fischenrich (School of Engineering)
2012-2014	Caroline Borland, <i>chair</i>
2012-2014	Cecilia Drennen, <i>chair</i>
2012-2014	Brandon Turnage, <i>chair</i>
2012-2014	Luke Burnett, <i>chair</i>
2013-2014	Justin Hill, <i>chair</i>
2013-2014	John Ratliff
2014-2015	Daniel Hartman, <i>chair</i>
2014-2015	Hannah Hudson, <i>chair</i>
2014-2015	David May, <i>chair</i>
2014-2016	Rachel Robertson
2014-2016	Jessica Hiskey, <i>chair</i>
2014-2016	Mary Langford, <i>chair</i>
2015-2017	Alice McGee, <i>chair</i>
2015-2017	Jordan Colbert, <i>chair</i>
2015-2017	Zachary Bridges, <i>chair</i>

*Graduate Student Curriculum Committee Service*

Jared Aden (MS)	Brittany Counts (MS)	Rachel Dybala (MS)
Charles Allen (PhD, <i>chair</i> )	Joshua Cuthbert (MS <i>chair</i> )	Derek Eason (MS, <i>chair</i> )
Riley Allen (MS, <i>chair</i> )	Nicole Dabbs (PhD, <i>chair</i> )	Jacob Gdovin (PhD, <i>chair</i> )
Ben Angle (MS, <i>chair</i> )	Ruchita Daftery (MS)	Minal Goswami (MS)
Charles Bailey (MS, <i>chair</i> )	Scott Dankel (MS)	Elizabeth Hoke (MS, <i>chair</i> )
Vanessa Moreno (PhD, <i>chair</i> )	Ruchita Dighe (MS, <i>chair</i> )	James Ingram (MS)
Harish Chander (MS, <i>chair</i> )	Natasha Dinsmore (MS)	Matthew Jessee (MS, <i>chair</i> )
Harish Chander (PhD, <i>chair</i> )	Tyler Donahue (PhD, <i>chair</i> )	Karl Kosman (MS, <i>chair</i> )



Brady Lance (MS,*chair*)  
Jon Lundahl (MS,*chair*)  
Lauren Luginsland (MS)  
Chris MacDonald (MS)  
Chris MacDonald (PhD)  
Zachary McCray (MS,*chair*)  
Jonathan Miller (MS)  
Brent Moore (MS)

Adam Olson (MS,*chair*)  
Erin Pauley (MS,*chair*)  
Kayla Pearson (MS,*chair*)  
Malini Partsarathi (MS,*chair*)  
Justin Rakes (MS)  
Chris Rasky (MS)  
Robert Ricks (MS,*chair*)  
Cordero Roche (MS)

Hope Stalcup (MS,*chair*)  
Stacy Starks (PhD)  
Prajakta Sule (MS)  
Bryce Willen (MS,*chair*)  
Caleb Williams (PhD,*chair*)  
Nathan Williams (PhD,*chair*)  
Samuel Wilson (MS,*chair*)  
Samuel Wilson (PhD,*chair*)