

**John C. Garner, PhD, CSCS\*D**  
CURRICULUM VITAE

Chair and Professor, Department of Kinesiology and Health Promotion  
Troy University, Troy, AL 36082  
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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  
Honor Graduate

**Leadership Training:**

- 2013-2014 Southeastern Conference Academic Leadership Development Fellow  
- One of two individuals from the University selected. The SEC Academic Leadership Development Program seeks to identify, prepare and advance academic leaders for roles within SEC institutions and beyond.
- 2017-2018 Troy University Teaching Excellence Fellow  
- One of twelve individuals selected to participate in the Teaching Excellence Program directed by the Office of the Vice Chancellor for Academic Affairs. Participants are selected based on their leadership potential and service to the University and are provided leadership training.
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- 2018-present Troy University Chancellor's Fellow  
- One of five individuals selected by the University Chancellor and the Institute of Leadership Development. Participants are selected based on their leadership potential and service to the University and are provided extensive executive leadership training.

**Employment History:**

2016-present      Professor and Chair  
Department of Kinesiology and Health Promotion  
Troy University

**Administrative Responsibilities:**

Chief administrative officer of the teaching, scholarly, and service programs of the Department of Kinesiology & Health Promotion within the College of Health and Human Services. The department houses undergraduate degrees in Athletic Training (CAATE Accreditation), Kinesiology (NSCA ERP) and Health & Physical Education (NCATE Accreditation) and graduate degrees in Kinesiology. Major milestones include, but are not limited to:

- Development of new graduate programs in Kinesiology
- Development of new Master’s Level Athletic Training Professional Degree (M.AT)
- Secured four new laboratory spaces (6000 sq ft) and over \$150,000 in new lab equipment funding
- Development of new undergraduate Health Promotion Degree
- Development of Home School Physical Education Program
- Designation of “NSCA Educational Recognized Program” for the undergraduate Kinesiology program
- Facilitated the initiation of the Exercise Science, Pre-Health, major which continues to be the fastest growing major on campus
- Leveraged growth to develop three new faculty lines
- Facilitated the implementation of an on-line Nutrition minor
- Increased scholarly productivity and national reputation

2016-present      Associate Research Professor  
Department of Health, Exercise Science, and Recreation Management  
The University of Mississippi

2013-2016        Department Chair, Acting  
Department of Health, Exercise Science, and Recreation Management  
The University of Mississippi

**Administrative Responsibilities:**

Chief administrative officer of the teaching, scholarly, and service programs of the Department of Health, Exercise Science & Recreation Management. The department housed Bachelor degrees in Exercise Science and Sport & Recreation Administration (COAPRT Accreditation); Master’s Degrees in Exercise Science, Health Promotion, and Sport and Recreation Administration; and a Doctoral Degree in Health & Kinesiology. Major milestones include, but are not limited to:

- Development of COAPRT approved Sport Administration Degree
- Facilitated growth of the undergraduate Exercise Science Degree as the second fastest growing major growth
- Leveraged growth to develop seven new faculty lines

- Maintenance of COAPRT Accreditation with notation of distinction for student participation and success
- Co-Development of the RebelWell program and funding security
- Facilitated growth in scholarly productivity and national reputation

2013-2016      *Associate Professor of Exercise Science*  
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)
- Exercise Science Cycle B Coordinator (2011-2013)

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)  
Co-Director (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)

Clinical Exercise Physiology Laboratory/*TigerFit* (2002-2005)  
Student Director (2004-2005)  
Research Assistant (2002-2005)

## 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, Allen, CR, 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 Journal*, 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, 2017.

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.

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*, 2(19), 2017.

Morris, CE, Chander, H, Wilson, SJ, Wade, C, Loftin, M, & **Garner, JC**. Impact of Alternative Footwear on Human Energy Expenditure. *Journal of Human Sport and Exercise* 12(4), 1220-1229, 2017

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*, 10(5), 782-797, 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 Science* 11(4), 8-12, 2017.

Chander, H, **Garner, JC**, Knight, AC, & Wade, C. Postural Control in Workplace Safety: Role of Occupational Footwear and Workload. *Safety* (3)3, 2017

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* 32(1), 237-243, 2018.

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. *International Journal of Kinesiology and Sports Science* 6(2), 30-36, 2018.

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. *International Journal of Industrial Ergonomics* 66, 18-25, 2018.

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)

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* (Accepted) Published online 10/17.

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* (accepted)

Garcia, SA, Lynn, SK, & **Garner, JC**. Spinal Segment Rotations in Low Handicap Golfers With and Without Low Back Pain. *International Journal of Golf Science* (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)

**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)

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)

Wilson SJ, Donahue PT, Williams CC, Hill CM, Waddell DE, Loenneke JP, Wade C, & **Garner JC**. Lower Extremity Corrective Events During The Slip Recovery Response Between Slip-Induced Falls and Recoveries. *Journal of Biomechanics*. (in review)

Wilson SJ, Donahue PT, Williams CC, Hill CM, Waddell DE, Bentley JP, Bass MA, & **Garner JC**. The Slippery Slope Between Falling and Recovering: Postural Control Measures May Provide Insight Into the Importance of Sensory Integration and Motor Control Strategies Used During Slip Recovery. *Gait & Posture*. (in review)

Wilson SJ, Donahue PT, Williams CC, Hill CM, Chander H, **Garner JC**, & Waddell DE. Is it all in your Head? The Possible Role of Corticospinal Demand in Slip Recovery Responses. *Journal of Neurophysiology*. (in review)

Hill, CJ, DeBusk, H, Simpson, J, Miller, B, Knight, A, Wade, C, **Garner, JC**, Chander, H. The Interaction of Cognitive Interference, Standing Surface, and Fatigue on Lower Extremity Muscle Activity. *Safety* (in review)

Williams, CC, Donahue, PT, Wilson, SJ, Mouser, JG, Hill, CM, Luginland, LA, Gdovin, JR, Wade, C, & **Garner, JC**. Examining Changes in Bat Swing Kinematics in Different Areas of the Strike Zone in Collegiate Baseball Players. *Journal of Strength and Conditioning Research* (in review)

Parrish, LR, Shaw, K, Nessler, T, Wilson, SJ, & **Garner, JC**. Using Wearable Technology in the Prescription of Preventative Strength and Conditioning Programs in Female Collegiate Athletes. *Strength and Conditioning Journal – Invited Paper* (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*)

Williams, CC; Godvin, JR; Wilson, SJ; Hill, CM; Luginsland, LA; Wade, C; **Garner, JC**. Changes in swing kinematics in collegiate softball players over a fall season. (*Journal of Strength and Conditioning Research*)

Wilson, SJ, Gdovin, JR, Williams, CC, Eason, JD, Chander, H, Williams, N, **Garner, JC**. Neuromuscular Function of the Lower Extremities when Exposed to Golf Specific Footwear (*Footwear Science*)

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

Gdovin, JR, Wilson, SJ, Williams, CC, Eason, JD, Chander, H, Williams, N, Wade, C, **Garner, JC**. The Influence of Golf Specific Footwear and Workloads on Human Gait (*Golf Science*)

Gdovin, JR; Vicary, MK; Williams, CC; Wilson, SJ; Luginsland, LA; Wade, C; Garner, JC. The effects of athletic footwear on ground reaction forces during a side step cutting maneuver in female collegiate soccer players. (*Journal of Sports Biomechanics*)

Gdovin, JR; Williams, CC; Wilson, SJ; Cazas-Moreno, VL; Eason, JD; Hoke, EL; Allen, CR; Chander, H; Wade, C; Garner, JC. Influences of athletic footwear on ground reaction forces during a side step cutting maneuver on artificial turf. (*International Journal of Kinesiology and Sport Sciences*)

Gdovin, JR; Wade, C; Williams, CC; Wilson, SJ; Luginsland, LA; Garner, JC. A kinematic of the shoe-surface interface and the pitching motion in youth and adolescent baseball pitchers. (*Pediatric Exercise Science*)

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*)

Platt, B, Platt, DL, Parrish, L, & **Garner, JC**. Glenohumeral Range of Motion Changes Between Competitive Throwing Sessions in NCAA Division I Pitchers and Catchers (*Journal of Athletic Training*)

### **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 Ramped 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, W  
H, **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.

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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.

Wilson SJ, Hill CM, Mouser JG, Williams CC, Luginsland LA, Donahue PT, Garner JC & Chander H. Can Automatic Postural Responses Be Learned? Southeast American College of Sports Medicine, Chattanooga, TN, 2018.

Williams, CC; Gdovin JR; Wilson SJ; Hill CM; Donahue, PT; Luginsland LA; Eason JD; Yarbrough AL; Wade C; Garner JC. Examining changes in bat angle at ball contact in collegiate softball players over a fall softball season. Southeast American College of Sports Medicine, Chattanooga, TN, 2018.

Luginsland LA, Williams CC, Gdovin JR, Wilson SJ, Donahue PT, Hill CM, Eason JD, Yarbrough AL, Wade C, Garner JC. *Changes in Bat Angle at Maximal Velocity in Collegiate Softball Players*. Southeast American College of Sports Medicine, Chattanooga, TN, 2018.

Garner JC, Hill CM, Wilson SJ, Mouser JG, Williams CC, Luginsland LA, Donahue PT, Chander H. Influence of Repeated Motor Control Tests on Proximal Lower Extremity Musculature Activation. Southeast American College of Sports Medicine, Chattanooga, TN, 2018.

Donahue PT, Wilson SJ, Williams CC, Hill CM, Luginsland LA, and Garner JC. Positional Differences In Peak Power During Countermovement Vertical Jump In Professional Baseball Pitchers. Southeast American College of Sports Medicine, Chattanooga, TN, 2018.

### **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

### **Funded Research Proposals:**

**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

Role: Co-Primary Investigator

**Garner, JC**

Troy University Research Technology Grant

Funding Request: \$14,900

Role: Primary Investigator

**Garner, JC**

*Lead Leg Recovery Responses Between Individuals Who Fall and Recover after an Unexpected Slip*

Troy University Faculty Development Grant

Funding Request: \$1000

Role: Primary Investigator

**Garner, JC**

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

Troy University Faculty Development Grant

Funding Request: \$1000

Role: Primary Investigator

**Garner, JC & Beason, K**  
Baddour Center Practical Experience Project  
Funding Request: \$11,440  
The Baddour Center  
Role: Co-Primary Investigator

Hephner-Lebanc, B, **Garner, JC**, & Jekabsons, A  
RebelWell Campus Health Initiative  
Funding Request: \$326,000  
Blue Cross/Blue Shield of Mississippi Foundation  
Role: Co-Primary Investigator

**Garner, JC**  
Influence of Golf Shoe Type Worn in Extended Durations on Postural Control Measures  
Funding Request: \$5000  
Acushnet/Foot Joy  
Role: Co-Primary Investigator

**Garner, JC & Knight, K**  
RebelWell Campus Health Initiative  
Funding Request: \$249,994  
Blue Cross/Blue Shield of Mississippi Foundation  
Role: Co-Primary Investigator

**Garner, JC**  
Cardiac Rehab Practical Experiences Project for Graduate Students  
Funding Request: \$11,440  
Baptist Memorial Hospital – North Mississippi  
Role: Primary Investigator

Gdovin, JR & **Garner, JC**  
*Kinematic Comparison of Cleat Type during Performance Movements*  
University of Mississippi Graduate Student Council Research Grant  
Funding Request: \$1000  
Role: Co-Primary Investigator/Advisor

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  
Role: Co-Primary Investigator/Advisor

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

Role: Co-Primary Investigator/Advisor

Wade, C & **Garner, JC**

Slip Outcomes in Firefighters: A Comparison of Rubber and Leather Boots

W.L. Gore & Associates

Funding Request: \$6,000

Role: Co-Primary Investigator

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

Role: Co-Primary Investigator/Advisor

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

Role: Co-Primary Investigator/Advisor

**Garner, JC (ABL)**

Applied Biomechanics Laboratory Equipment

Funding Request: \$77,823

Role: Primary Investigator

Chander, H & **Garner, JC**

*The Effect of Boot Type on Postural Control*

University of Mississippi Graduate Student Council Research Grant

Funding Request: \$500

Role: Co-Primary Investigator/Advisor

**Garner, JC**

*Fatigue and Postural Instability in the Railroad Industry*

National Institute for Occupational Safety and Health/Education Research Center

Funding Requested: \$ 19,955

Role: Primary Investigator

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

Role: Co-Primary Investigator/Advisor

**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

Role: Co-Primary Investigator

Day, Elaine

*Recovery of Function and Neurogenesis after Cerebellar Damage in Zebra Finch*

Funding Request: \$250,000

National Center for Research Resources

Role: Investigator

**Garner, JC**

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

2007-2008 School of Applied Science Dean Research Award Grant

Funding Requested: \$6500

Role: Primary Investigator

Overfelt, RT, & Weimar, WH,

*Effects of Mechanical Stimulation on the Peripheral Forearm*

United States Department of Defense: Marine Corps

Funding Requested: \$120,000

Role: Student Investigator

**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

Role: Primary Investigator

**Garner, JC & Grandjean, PW**

*Acute Blood Lipid Responses to Continuous and Accumulated Exercise*

Auburn University Graduate Student Research Grant

Funding Request: \$750

Role: Primary Investigator

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

*The Influence of Fitness on Vascular Inflammatory Markers after Aerobic Exercise*

Auburn University Competitive Research Grant

Funding Requested: \$3,000

Role: Investigator

## 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)

**Garner, JC** & Valliant, MW

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**

*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

## Research Collaborations:

- Troy University Dept of Kinesiology and Health Promotion
- Troy University Athletics
- University of Mississippi Dept of Health, Exercise Science & Recreation Management
- University of Mississippi Dept of Nutrition and Hospitality Management
- University of Mississippi Dept 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 School of Engineering

- 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 Dept of Kinesiology
- Mississippi State University College of Engineering
- Auburn University Dept of Kinesiology
- Auburn University Dept of Industrial and Systems Engineering
- University of Alabama, Birmingham Dept of Human Studies
- California State University, Fullerton Dept of Kinesiology
- California State University, San Bernardino Dept of Kinesiology
- Florida Southern College Dept of Exercise Science
- Western Kentucky University Dept of Kinesiology, Recreation & Sport
- University of Oklahoma Dept of Health and Exercise Science
- Acushnet/Footjoy Corporation
- W.L Gore and Associates
- Blue Cross/Blue Shield of Mississippi Foundation

## **Curriculum Experience:**

### **Troy University**

#### **Graduate Courses**

KHP 6623 – Biomechanics of Sport Technique

#### **Undergraduate Courses**

KHP 2260 – Applied Fitness Concepts (Online)

KHP 3352 – Kinesiology

KHP 4496 – Biomechanics of Human Movement

KHP L496 – Biomechanics of Human Movement Laboratory

KHP 4498 – Internship in Exercise Science

### **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:**

- 2017-2018 Alabama Chapter of the National Strength & Conditioning Association  
- *Board Member*
- 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:**

- 2018-present Certified Strength and Conditioning Specialist with Distinction (CSCS\*D)  
National Strength and Conditioning Association #030711023
- 2002-present Cardiopulmonary Resuscitation and Emergency Cardiac Care Provider  
American Red Cross
- 2002-2017 Certified Strength and Conditioning Specialist (CSCS),  
National Strength and Conditioning Association #030711023

## **Selected Honors and Awards:**

- Sponsor for International Excellence Fellowship, Dr. Changing Li,  
Changqing Normal University, China
- Designated CSCS with Distinction by NSCA
- Troy University Teaching Excellence Program Fellow
- Banner Bearer – Graduate School (Summer 2017 Graduation)
- Wallace D. Malone Distinguished Faculty Award Nominee (2017)
- 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 Program 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  
2016-present *Chair*, KHP Curriculum Committee  
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:*

2017-present College of Health & Human Services College Review Committee  
2016-present College of Health & Human Services Executive Council  
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:*

- 2017-2018 International Teaching Excellence Program Fellow
- 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 Committee
- 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:*

- 2018 SE American College of Sports Medicine Session Chair
- 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.

*Quoted/Contributed in Popular Press Publications:*

*Men's Health* – Bulletin Strength, 2017

*Self.com* - Health Benefits of Strength Training All Women Should Know, 2017

*Dissertation/Thesis Committee Service:*

*Doctoral Level:*

2009-2011	Christi Brewer - Associate Professor, Eastern Washington University
2009-2013	Christopher MacDonald - Assistant Professor, Coastal Carolina University
2010-2013	Nicole Dabbs, <i>chair</i> - Associate Professor, California State, San Bernardino - Fellow, NSCA
2013-2014	Cody Morris - Assistant Professor, Univ of Alabama, Birmingham
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, Univ of Mississippi
2012-2016	Vanessa Cazes-Moreno, <i>chair</i> -Instructor, Tennessee State University
2013-2016	Riley Galloway -Assistant Professor, Missouri State University
2014-2017	Jacob Gdovin, <i>chair</i> -Assistant Professor, Missouri State University
2014-2018	Caleb Williams, <i>chair</i> -Assistant Professor, LaGrange College
2014-2018	Samuel Williams, <i>chair</i> -Assistant Professor, Georgia Southern University
2015-present	Tyler Donahue
2018-present	Megan Smidebush

*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>
2017-2018	Joshua Biagtan, <i>chair</i>
2017-2018	Stephen Griffin, co-chair
2016-present	Zachary McCray, <i>chair</i> -First Thesis of Troy Univ, MS Kinesiology
2017-present	Regina Wright, <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)  
Charles Allen (PhD, *chair*)

Riley Allen (MS, *chair*)  
Ben Angle (MS, *chair*)

Charles Bailey (MS, *chair*)

Joshua Biagtan (MS,*chair*)  
Vanessa Cazas (PhD,*chair*)  
Harish Chander (MS,*chair*)  
Harish Chander (PhD,*chair*)  
Brittany Counts (MS)  
Joshua Cuthbert (MS,*chair*)  
Nicole Dabbs (PhD,*chair*)  
Ruchita Daftery (MS)  
Scott Dankel (MS)  
Ruchita Dighe (MS,*chair*)  
Natasha Dinsmore (MS)  
Tyler Donahue (PhD,*chair*)  
Rachel Dybala (MS)  
Derek Eason (MS,*chair*)  
Jacob Gdovin (PhD,*chair*)

Minal Goswami (MS)  
Stephen Griffin (MS,*chair*)  
Elizabeth Hoke (MS,*chair*)  
James Ingram (MS)  
Matthew Jessee (MS,*chair*)  
Karl Kosman (MS,*chair*)  
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*)