

**CURRICULUM VITAE**  
**James Stampley IV**

**CONTACT INFORMATION**

University of South Carolina  
Arnold School of Public Health  
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**Present Position**

Research Assistant Professor  
University of South Carolina  
Department of Exercise Science

**Education**

2017-2024	Louisiana State University ❖ PhD. in Kinesiology	Baton Rouge, LA
2015-2017	Louisiana State University ❖ BS in Kinesiology ❖ Major: Fitness Studies	Baton Rouge, LA
2007-2011	Louisiana State University ❖ BS in Science ❖ Major: Psychology ❖ Minor: Sociology	Baton Rouge, LA

**ACADEMIC CAREER DEVELOPMENT:**

1. Blood Flow Restriction Training Certification (2018)
2. National Academy of Sports Medicine Performance Enhancement Specialist (2017 – present)

**PROFESSIONAL MEMBERSHIPS AND SOCIETIES**

2017-Present      American College of Sports Medicine

**Awards**

2023 – SEC Emerging Scholars Award (<https://www.theseecu.com/programs/sec-emerging-scholars/>)  
2022 – Louisiana State University Don Franks/President’s Challenge Fellowship Award  
2018 – Louisiana State University Economic Development Assistantship Awardee

## **PUBLICATIONS**

1. Davis, B. H., **Stampley**, J. E., Granger, J., Scott, M. C., Allerton, T. D., Johannsen, N. M., ... & Irving, B. A. (2024). Impact of low-load resistance exercise with and without blood flow restriction on muscle strength, endurance, and oxidative capacity: A pilot study. *Physiological Reports*, 12(12), e16041.
2. Cho, E., **Stampley**, J., Wall, R., Matthews, R., Zunica, E., Brown, J. C., ... & Spielmann, G. (2023). Acute Exercise Increases NK Cell Mitochondrial Respiration and Cytotoxicity against Triple Negative Breast Cancer Cells under Hypoxic Conditions. *Medicine and Science in Sports and Exercise*.
3. **Stampley**, J. E., Cho, E., Wang, H., Theall, B., Johannsen, N. M., Spielmann, G., & Irving, B. A. (2023). Impact of maximal exercise on immune cell mobilization and bioenergetics. *Physiological Reports*, 11(11), e15753.
4. Theall B, **Stampley** J, Cho E, Granger J, Johannsen NM, Irving BA, Spielmann G. Impact of acute exercise on peripheral blood mononuclear cells nutrient sensing and mitochondrial oxidative capacity in healthy young adults. *Physiol Rep*. 2021 Dec;9(23):e15147. doi: 10.14814/phy2.15147.
5. Cho E, Theall B, **Stampley** J, Granger J, Johannsen N, Irving BA, Spielmann G. Cytomegalovirus Infection Impairs the Mobilization of Tissue-Resident Innate Lymphoid Cells into the Peripheral Blood Compartment in Response to Acute Exercise. *Viruses*. 2021;13(8).
6. Davis B, Liu Y, **Stampley** J, Wood GC, Mitchell DC, Jensen GL, Gao X, Glynn NW, Still CD, Irving BA#. The Association between Poor Diet Quality, Physical Fatigability and Physical Function in the Oldest-Old from the Geisinger Rural Aging Study. *Geriatrics (Basel, Switzerland)*. 2021;6(2).
7. Allerton TD, Kowalski GM, **Stampley** J, Irving BA, Lighton JRB, Floyd ZE, Stephens JM. An Ethanolic Extract of *Artemisia dracuncululus* L. Enhances the Metabolic Benefits of Exercise in Diet-induced Obese Mice. *Med Sci Sports Exerc*. 2021;53(4):712-723.
8. Chen YF, **Stampley** J, Irving BA, Dugas TR. Chronic nucleoside reverse transcriptase inhibitors disrupt mitochondrial homeostasis and promote premature endothelial senescence. *Toxicol Sci*. 2019;172(2):445-456.

## **ABSTRACTS/PRESENTATIONS (Reverse Order)**

### **International**

1. Irving BA (Author & Presenter), **Stampley J** (Author), Quiariarte H (Author), Wigger Z (Author), Stephens J (Author), Soto P (Author), Allerton TA (Author). Impact of nitric oxide promoters on mitochondrial bioenergetics in a murine model of Alzheimer's disease. Bioblast 2022: BEC Inaugural Conference. Innsbruck, AT. (Jun 29 – 30, 2022) **(Oral)**

### **National**

1. **Stampley JE\*\* (Author & Presenter)**, Davis B\*\* (Author), Quiariarte H\*\* (Author), Cho E\*\* (Author), Granger JA\*\* (Author), Johannsen NM (Author), Spielmann G (Author), Greenway F (Author), Irving BA, FACSM (Author). Effects Of Resistance Training With Low-intensity Physical Activity On Muscle Oxidative Capacity In Older Adults. American College of Sports Medicine: 2023 Annual Meeting and World Congress. Denver, CO (May 30-Jun 2, 2023). **(Oral, Accepted)**
2. Heintz EC\*\* (Author & Presenter), Dantas WS (Author), **Stampley J\*\* (Author)**, Davis GM\*\* (Author), Zunica ERM (Author), Irving BA (Author), Davuluri G (Author), Axelrod CL (Author), Kirwan JP (Author). Exercise Training Prevents NAFLD Progression and Restores Hepatic Fatty Acid Oxidation in Mice with Obesity. Keystone Symposium: Bioenergetics in Health and Diseases, Keystone, CO (Jan 15-Jan 19, 2023). **(Oral)**
3. Cho E\*\* (Author & Presenter), **Stampley J (Author)**, Wall R (Author), Zunica E (Author), Brown J (Author), Johannsen NM (Author), Irving BA (Author), Spielmann G (Author). Acute exercise increases NK cell mitochondrial respiration and effector functions under hypoxic conditions. 15th Symposium of the International Society of Exercise and Immunology (ISEI), Tucson, AZ (Oct 24-Oct 27, 2022). **(Oral)**
4. **Stampley J\*\* (Author & Presenter)**, Cho E\*\* (Author), Theall B\*\* (Author), Davis B\*\* (Author), Quiariarte H\*\* (Author), Johannsen NM (Author), Spielmann G (Author), Irving BA (Author). Impact of Exercise Training on Peripheral Blood Mononuclear Cells Mitochondrial Function in Older Adults. 15th Symposium of the International Society of Exercise and Immunology (ISEI), Tucson, AZ (Oct 24-Oct 27, 2022). **(Poster)**
5. Quiariarte H (Author & Presenter), Lindsey K (Author), Allerton T (Author), Davis B (Author), **Stampley JE (Author)**, Granger JA (Author), Spielmann G (Author), Johannsen NM (Author), Greenway F (Author), Irving BA, FACSM (Author). Validation Of Methods To Assess The Influence Of Exercise On Circulating Exosomes In Older Adults. American College of Sports Medicine: 2022 Annual Meeting and World Congress. San Diego, CA (May 31-Jun 4, 2022). **(Poster)**
6. **Stampley JE (Author & Presenter)**, Davis B (Author), Scott MC (Author), Quiariarte H (Author), Cho E (Author), Granger JA (Author), Johannsen NM (Author), Spielmann G (Author), Greenway F (Author), Heymsfield S (Author), Irving BA, FACSM (Author). Does Resistance Training Plus Low-intensity Physical Activity Affect Body Composition Or Strength In Older Adults? American College of Sports Medicine: 2022 Annual Meeting and World Congress. San Diego, CA (May 31-Jun 4, 2022). **(Poster)**
7. Scott MC (Author & Presenter), **Stampley JE (Author)**, Davis B, Quiariarte H (Author), Cho E (Author), Theall BM (Author), Granger JA (Author), Spielmann G (Author), Johannsen NM (Author), Greenway F (Author), Irving BA, FACSM (Author). Bone Density And Quality After 4-months Of Resistance Exercise In Older Adult. American College of Sports Medicine: 2022 Annual Meeting and World Congress. San Diego, CA (May 31-Jun 4, 2022). **(Poster)**

8. Davis B (Author & Presenter), **Stampley JE (Author)**, Wood GC (Author), Mitchell DC (Author), Jensen GL (Author), Liu Y-H (Author), Gao X (Author), Whilden B (Author), Yohn M (Author), Cunningham K (Author), Lemotte M (Author), Still CD (Author), Irving BA (Author). American College of Sports Medicine Annual Meeting, "Association between Dietary Quality and Fatigability among the Elderly in the Geisinger Rural Aging Study," American College of Sports Medicine, Orlando, FL. (May 30, 2019). (3rd Place Aging Interest Group Student Award) **(Poster & Oral)**
9. **Stampley JE (Author & Presenter)**, Davis B (Author), Wood GC (Author), Mitchell DC (Author), Jensen GL (Author), Liu Y-H (Author), Gao X (Author), Whilden B (Author), Yohn M (Author), Cunningham K (Author), Lemotte M (Author), Still CD (Author), Irving BA (Author). American College of Sports Medicine Annual Meeting, "Association between Fatigability and Physical Function among the Elderly in the Geisinger Rural Aging Study," American College of Sports Medicine, Orlando, FL. (May 30, 2019). **(Poster)**

### **COVID-19 - Abstracts/Presentations Accepted for Presentation (Meetings Cancelled)**

1. **Stampley JE**, Kennedy S, Scott MC, Davis B, Quiarte H, Johannsen N, Heymsfield SB, Greenway F, Spielmann G, Irving BA. Evaluation Of 3D Body Imaging To Estimate Percentage Body Fat In Older Adults. In: MEDICINE AND SCIENCE IN SPORTS AND EXERCISE. Vol. 52. 17th ed. 2020. p. 148-148.
2. Cho E, Theall B, **Stampley J**, Davis B, Quiarte H, Greenway F, Johannsen N, Spielmann G, Irving BA. Light Physical Activity Is Associated With Reduced Signs Of Immune Aging In Healthy Older Adults. In: MEDICINE AND SCIENCE IN SPORTS AND EXERCISE. Vol. 52. 17th ed. 2020. p. 127-128.
3. Scott MC, **Stampley J**, Davis B, Quiarte H, Cho E, Theall B, Granger J, Johannsen N, Heymsfield SB, Greenway F, Spielmann G, Irving BA. Trabecular Bone Score And Bone Mineral Density In Older Adults. In: MEDICINE AND SCIENCE IN SPORTS AND EXERCISE. Vol. 52. 17th ed. 2020. p. 70-70.
4. Davis B, **Stampley J**, Quiarte H, Cho E, Theall B, Granger J, Scott MC, Heymsfield SB, Greenway F, Johannsen N, Spielmann G, Irving BA. Associations Between Physical Fatigability, VO(2) Peak And Measures Of Muscle Strength In Older Adults. In: MEDICINE AND SCIENCE IN SPORTS AND EXERCISE. Vol. 52. 17th ed. 2020. p. 338-338.

### **Local**

1. **Stampley JE\*\*** (Author & Presenter), Davis B\*\* (Author), Quiarte H\*\* (Author), Cho E\*\* (Author), Granger JA\*\* (Author), Johannsen NM (Author), Spielmann G (Author), Greenway F (Author), Irving BA, FACSM **(Author)**. Effects Of Resistance Training With Low-intensity Physical Activity On Muscle Oxidative Capacity In Older Adults. Graduate Student Research Conference 2023, LSU (May 5, 2023). **(Oral)**
2. Chen Y-F (Author & Presenter), **Stampley JE (Author)**, Irving BA (Author), Dugas TR (Author), Phi Zeta Research Day, "Antiretroviral Treatment Induces Mitochondrial Homeostasis Disruption and Mitochondrial DNA Instability to Promote Premature Endothelial Senescence," Louisiana State University, Baton Rouge. (February 28, 2018).

### **Participation in Funded Research**

Allerton T (Principal-Investigator), Soto P (Co-Principal), Stephens J (Co-Investigator), **Irving BA (Co-Investigator)**, "Effect of Altered Nitric Oxide Bioavailability on the Interaction of Obesity and Alzheimer's Disease," Sponsored, Sponsored by Pennington Biomedical Research Center | 02, National Institutes of Health (NIH), Total \$57,400.00 (Sub-Award: \$5,500). (August 2020 - August 2023). (NCE)

**Role: Graduate Assistant (Performed High-Resolution Respirometry)**

**Irving BA (Principal-Investigator)**, Spielmann G (Co-Investigator) Johannsen N (Co-Investigator), "R21AG058181-01-A1: Resistance Exercise and Low-Intensity Physical Activity Breaks in Sedentary Time to Improve Skeletal Muscle and Cardiometabolic Health in Older Adults REALPA Breaks in Sedentary Time Pilot Study", Sponsored by National Institutes of Health - NIH, \$419,000.00. (July 15, 2018 - July 14, 2023). (NCE)

**Role: Graduate Assistant (Performed High-Resolution Respirometry)**

### **Leadership**

2017 – Present    Mentoring undergraduate and graduate students in different studies past and current in the LSU Kinesiology Laboratories.

### **Media Coverage**

- Stampley, James (2022) *On Par with the President*. LSU. Former LSU Football Player and Current PhD Candidate James Stampley Tackles Aging and Metabolism. January 23.

### **Teaching Experience**

- Various laboratory methods for undergraduate and graduate courses (as needed from Fall '18 – present)

### **PREVIOUS PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS**

- 2017 - Present    Graduate Assistant and Research Assistant, Louisiana State University Exercise Physiology Department, Baton Rouge, LA – Mentor: Dr. Brian Irving
- 2017                Research Intern, Louisiana State University Kinesiology Bioenergetics Lab – Mentor: Dr. Brian Irving

### **References**

Brian Irving, PhD, FACSM  
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