

CURRICULUM VITAE

University of Idaho

**NAME:** Ann Frost Brown, PhD, CISSN

**DATE:** January 2024

**RANK OR TITLE:** Associate Dean for Graduate Studies & Associate Professor of Exercise, Sport & Health Sciences

**DEPARTMENT:** Movement Sciences

**OFFICE LOCATION AND CAMPUS ZIP:** ED 504

875 Perimeter Drive MS 2401

Moscow, ID 83843-2401

**OFFICE PHONE:** (208) 885-2189

**FAX:** (208) 885-5929

**EMAIL:** afbrown@uidaho.edu

**DATE OF FIRST EMPLOYMENT AT UI:** August 15, 2016

**DATE OF TENURE:** Tenured

**DATE OF PRESENT RANK OR TITLE:** August 15, 2022

**EDUCATION BEYOND HIGH SCHOOL:**

**Degrees:**

Ph.D., Florida State University, Tallahassee, FL, 2016, Exercise Physiology

B.A., Bachelor of Arts, Seattle University, Seattle, WA, 2010, Biology

**Certificates and Licenses:**

Design Teach Online, University of Wisconsin, Certified Online Instructor

2019 – present

Radiation Training Certificate

2016 – present

Dual Energy X-Ray Absorptiometry Operator Training Certificate, Hologic

2016 – present

Certified Radiology Technician, Basic X-Ray Machine Operator (DXA Scan)

2015 – present

Didactic Program in Dietetics, DPD Certification

2014 – present

Certified Sports Nutritionist, International Society of Sports Nutrition (CISSN)

2013 – present

NIH Human Subjects Protections Training Certificate

2009 – present

**EXPERIENCE:**

**Teaching, Extension and Research Appointments:**

Associate Dean for Graduate Studies, University of Idaho, College of Education, Health & Human Sciences, 2024 – present

Associate Professor, University of Idaho, Department of Movement Sciences, College of Education, Health & Human Sciences, 2022 – present

Affiliate Faculty, University of Idaho, Family and Consumer Sciences, College of Agricultural and Life Sciences, 2019 – present

Co-Director, Fueling Center, University of Idaho, Athletics Department, 2019 – 2023

Director, Human Performance Laboratory, Department of Movement Sciences, College of Education Health & Human Sciences, 2017 – present

Adjunct Faculty, University of Idaho, Dance Program, Department of Movement Sciences, College of Education, Health & Human Sciences, 2017 – present.

Assistant Professor, University of Idaho, Department of Movement Sciences, College of Education, Health & Human Sciences, 2016 – 2022

Course Instructor, Florida State University, Department of Nutrition, Food & Exercise Sciences, 2015 – 2016

Teaching Assistant, Florida State University, Department of Nutrition, Food & Exercise Sciences, 2013 – 2016

Research Assistant, Florida State University, Department of Nutrition, Food & Exercise Sciences, 2012 – 2013

Teaching Assistant, Seattle University, Biology Department, 2009 – 2011

**TEACHING ACCOMPLISHMENTS:**

**Areas of Specialization:** Exercise Physiology, Sport Nutrition, Metabolism

**Courses Taught:**University of Idaho, Department of Movement Sciences, Moscow, ID

ED 614 Doctoral Seminar, 2022 – present  
 PEP/FN 459/559, Sport Nutrition, 2021 – present  
 DAN 211 Dance Conditioning, 2021 – present  
 PEP 518 Advanced Physiology of Exercise, 2020 – present  
 PEP 502 Directed Study: Endocrinology, 2019  
 PEP 404/504 Metabolism in Exercise and Sport, 2018 – present  
 PEP 502 Directed Study: Manuscript Writing, 2018, 2023  
 DAN 116/216 Ballet II/III, 2017 – 2018  
 PEP 455 Design and Analysis of Research in Movement Sciences, 2017 – 2022  
 PEP 418 Physiology of Exercise, 2017 – present  
 MVSC 201 Physical Activity, Wellness, & Behavior Change, 2016 – present

Florida State University, Department of Nutrition, Food & Exercise Sciences, Tallahassee, FL

Exercise Physiology, PET 3380, 2014 – 2016  
 Nutrition and Sport, PET 3361, 2013 – 2016  
 Exercise Testing and Prescription, PET 4551, 2014 – 2015

**Students Advised:**Undergraduate Students:

20+ students advised per academic year, 2016 – present  
 20+ students advised per academic semester, 2016 – present

*Mentored 55+ undergraduate students in the Human Performance Laboratory*

*Mentored 40+ undergraduates in internship or Practicum hours*

*Mentored 20+ UI Office of Undergraduate Research Grant Projects*

Graduate Students:*Served as major professor*

Ariel Aguiar Bonfim Cruz, PhD, Education with Exercise Physiology Emphasis, spring 2026  
 Gena Irwin, MS Movement and Leisure Science (thesis), spring 2024  
 Kathryn Frostenson, MS, Movement and Leisure Science (thesis), spring 2024  
 Christopher Alfiero, PhD, Education with Exercise Physiology Emphasis, spring 2022  
 Hannah Bideganeta, MS, Movement and Leisure Science (project), spring 2022  
 Samantha Brooks, PhD, Education with Exercise Physiology Emphasis, spring 2021  
 Christian Vaughn, MS, Movement and Leisure Sciences (project), fall 2021  
 Justin Holmes, MS, Movement and Leisure Science (project), fall 2021  
 Kathrine Jenkins, MS, Movement and Leisure Science (project), fall 2020  
 Chad Skiles, MS, Movement and Leisure Science (thesis), spring 2020  
 Elizabeth Bonanni, MS, Movement and Leisure Science (comp exams), fall 2018  
 Katelyn Peterson, MS, Movement and Leisure Science (thesis), spring 2018  
 Alexa Haberlack, MS, Movement and Leisure Science (project), spring 2018  
 Ashlie Adams, MS, Movement and Leisure Science (comp exams), spring 2018

*Served on graduate committee*

Cole Hitesman, MS, Movement and Leisure Science (thesis), spring 2024  
 Lukas Krumpl, PhD, Education with Exercise Physiology Emphasis, spring 2023  
 Elmer Chavez, spring 2023  
 Hannah Rank, Colorado Mesa University (project), spring 2022  
 Heidi Holubetz, MS, Family & Consumer Sciences (thesis), spring 2022  
 Soha Ahmed, MS, School of Kinesiology, George Mason University (thesis), spring 2021  
 Alex Holmes, MS, Movement & Leisure Sciences (thesis), spring 2021  
 SamWarren, MS, School of Kinesiology, George Mason University (thesis), spring 2020  
 Colin Whitaker, MS, Family & Consumer Sciences (thesis), spring 2019  
 Jenna Dykman, MS, Family & Consumer Sciences (thesis), spring 2018  
 Mohammed Alkhraiji, MS, Movement & Leisure Sciences (thesis), spring 2018  
 Rachel Krick, MS, Family & Consumer Sciences (thesis), spring 2018

**Materials Developed:**

PEP 418 Physiology of Exercise Laboratory Manual

**Courses Developed:**

University of Idaho, Department of Movement Sciences, Moscow, ID

Sport Nutrition – 2021

Physiology of Exercise – online, 2020

Physical Activity, Wellness, & Behavior Change – online, 2017

Metabolism in Exercise and Sport, 2017

Directed Study: Endocrinology

Directed Study: Manuscript Writing

Florida State University, Department of Nutrition, Food & Exercise Sciences, Tallahassee, FL

Nutrition and Sport - online, PET 3361, 2013 - 2016

**Non-credit Classes, Workshops, Seminars, Invited Lectures, etc.:**

**Brown, A.F.** (2021) Nutrition for Dance. Dance Seminar Guest Lecture (DAN 101). University of Idaho, Moscow, ID. Invited Lecture

**Brown, A.F.** (2021) Nutrient Timing for ROTC. Navy/Marine Corps Guest Lecture. University of Idaho, Moscow, ID. Invited Lecture

**Brown, A.F.** (2021) Nutrition for Performance. Men's Basketball, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2021) Nutrition for Performance. Football, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Professional Panel on Academia and Research. Washington State University, Elson Floyd College of Medicine, Department of Nutrition and Exercise Physiology. Invited Panelist.

**Brown, A.F.** (2020) Research, Past Present and Future. Washington State University Kinesiology Grad Seminar, Virtual Invited Lecture.

**Brown, A.F.** (2020) Nutrition Periodization. Men's Basketball, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Nutrition Periodization. Men's and Women's Golf, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Nutrition Periodization. Men's and Women's Tennis, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Nutrition Periodization. Track & Field, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Fad Diets in Sport. Men's Basketball, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Performance Goal Setting. Men's Basketball, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Performance Goal Setting. Track & Field, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Physical Activity & Health. Margaret Ritchie School of Family and Consumer Sciences, College of Agricultural and Life Sciences, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2020) Health & Wellness: Impact on Performance. Athletic Department CHAMP Meeting, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2019) The Basics of Sports Nutrition. Women's Basketball, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2019) The Basics of Sports Nutrition. Track & Field, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** (2019) The Basics of Sports Nutrition. Men's Basketball, Athletic Department, University of Idaho. Moscow, ID. Invited Lecture.

**Brown, A.F.** Faculty Success Seminar Guest Speaker (2019) Office of Research and Faculty Development, The Mountain West Clinical Translational Research Infrastructure Network (CTRIN) Application Process and Funding Mechanisms, University of Idaho. Seminar.

- Brown, A.F.** (2019) Nutrition for Dance. Dance Seminar Guest Lecture (DAN 101). University of Idaho, Moscow, ID. Invited Lecture
- Brown, A.F.** (2019) Optimizing Dancer Performance & Health: Past, Present & Future. Jacksonville University. Jacksonville, FL. Invited Lecture.
- Brown, A.F.** (2018) Nutrition for Dance. Dance Seminar Guest Lecture (DAN 101). University of Idaho, Moscow, ID. Invited Lecture.
- Brown, A.F.** (2017) Nutrition for Dance. Dance Seminar Guest Lecture (DAN 101). University of Idaho, Moscow, ID. Invited Lecture.

### Honors and Awards:

- Dean's Excellence Funds, EHHS Graduate Student Advisory Council, University of Idaho. Total Award: \$30,000 (2023)
- Outstanding Postdoctoral Fellow Mentor Award, University of Idaho (2023 nomination)
- Fellow of the Year, International Association of Dance Medicine & Science (2022)
- Postdoctoral Fellowship Support Award - P3R1 Doctoral-Level Research Staff Initiative, University of Idaho, Office of Research and Economic Development. Total Award: 2 years salary (2022-2024)
- Hoffman Award for Teaching Excellence, University of Idaho (2019 nomination)
- Art Broden Young Scholar Award for the Western Society for Kinesiology & Wellness (2018 nomination)
- Florence Smith McAllister Fellowship. Total Award: \$5,000. (2016)
- Graduate Student Advisory Council Presentation Program Travel Grant. Florida State University. Total Award: \$300. (2015)
- Academic Leadership Award, Florida State University, College of Human Sciences. (2015)
- Outstanding Teaching Assistant Award, Florida State University. (2014)
- Leadership Appreciation Award, Graduate Student Advisory Council President. (2014)
- Florence Smith McAllister Fellowship. Total Award: \$5,000. (2013)

### SCHOLARSHIP ACCOMPLISHMENTS:

#### Publications

First and last authorship is considered senior authorship

\*Undergraduate student

\*\*Graduate student

#### Refereed Journal Article Publications

- Holubetz, H., **Brown, A.F.**, Domitrovich, J.W., Roe, A.R. (2023). Utilizing focus groups to identify nutrition education needs and implementation strategies for the wildland firefighter. *Journal of Occupational and Environmental Medicine*, DOI: 10.1097/JOM.0000000000002959
- Brooks, S.J., Candow, D., Fehrenkamp, B., Roe, A., Wilk, V., Krumpl, L., Bailey, J., **Brown, A.F.** (2023). Creatine Monohydrate Supplementation Changes Total Body Water and DXA Lean Mass Estimates in Female Collegiate Dancers. *Journal of the International Society of Sports Nutrition*, 20(1) 2193556. DOI: 10.1080/15502783.2023.2193556
- Alfiero, C., **Brown, A.F.**, Chun, Y., Gwin, A., & Bailey, J.P. (2023) The Effect of Foot Position and Lean Mass on Jumping and Landing Mechanics in Collegiate Dancers. *Journal of Applied Biomechanics*. DOI: 10.1123/jab.2021-0319
- Krumpl, L.\*, Martonick, N.J.P.\*, Chun, Y., **Brown, A.F.**, & Bailey, J.P. (2023) The relationship between health and movement screens and field-based physical fitness tests in Reserve Officer Training Corps cadets. *Military Medicine*, 16(4), 42-52. ISSN: 1939-795X
- Brown, A.F.**, Richardson. C.M.E., \*Newby, N., \*Pulsipher, S., \*Hoene, T. (2022). Effect of a Multi-Ingredient Supplement Designed to Regulate Mood on Physiological and Psychological Outcomes: A Randomized, Double-Blind, Placebo-Controlled Trial. *Journal of Dietary Supplements*. DOI:10.1080/19390211.2022.2077880
- Brooks, S., \*\*Partridge, C., Domitrovich, J., Sol, J., **Brown, A.F.**, Ruby, B., Roe, A. (2021). Wildland

Firefighters' Dietary Intake During Extended Wildfire Suppression Efforts. *Journal of Occupational and Environmental Medicine* 63(12), e949-956.

- Brown, A.F.**, \*\*Alfiero, C.J., \*\*Brooks, S.J., Kviatkovsky, S.A., Smith-Ryan, A.E., Ormsbee, M.J. (2021). Prevalence of Normal Weight Obesity and Health Risk Factors for the Female Collegiate Dancer. *Journal of Strength & Conditioning Research* 35(8), 2321-2326.
- \*\*Alfiero, C., Brooks, S., \*Bideganeta, H., \*Contreras, C., **Brown, A.F.** (2021). Protein Supplementation Does Not Improve Aerobic and Anaerobic Fitness in Collegiate Dancers Performing Cycling Based High Intensity Interval Training. *Journal of Dance Medicine & Science* 25(4), 249-260.
- Ambegaonkar, J.P., **Brown, A.F.** (2020) Nutrition Periodization in Dancers. *Physical Medicine & Rehabilitation*, 32(2), 65-73.
- Brown, A.F.**, \*\*Brooks, S.J., \*Smith, S.R., \*Stephens, J.M., \*Lotstein, A.K., \*\*Skiles, C.S., \*\*Alfiero, C.J., Meenan, M.J. (2020) Female Collegiate Dancers Body Composition, Macronutrient and Micronutrient Intake Over Two Academic Years: A Longitudinal Analysis. *Journal of Functional Morphology and Kinesiology*, 5(1), 17.
- Brown, K.N., \*Little, M.Y., Meenan, M.J., **Brown, A.F.** (2020) Changes in Collegiate Dancers' Female Athlete Triad Knowledge Following a Brief Video Educational Intervention. *Journal of Dance Medicine and Science*, 24(4), 161-167.
- Brown, A.F.**, Welsh, T., Panton, L., Moffatt, R., Ormsbee, M.J. (2020) Higher-protein Intake Improves Body Composition Index in Female Collegiate Dancers. *Applied Physiology, Nutrition and Metabolism*, 45(5), 547-554.
- \*\*Krick, R. L., **Brown, A.F.**, Brown, K.N. (2019) Increased Female Athlete Triad Knowledge Following a Brief Video Educational Intervention. *Journal of Nutrition Education & Behavior*, 51(9), 1126-1129.
- Brown, A.F.**, Prado, Ormsbee, M.J., C.M., Ghosh, S., Arciero, P.J., Tucker, K.L. (2019) High-protein Intake is Associated with Body Composition and Cardiometabolic Health in Puerto Rican Adults. *Clinical Nutrition-ESPEN* 30, 145-151.
- Jo, E., Worts, P., Elam, M., **Brown, A.F.**, Khamoui, A., Kim, D., Yeh, M., Ormsbee, M.J., Prado, C.M., Cain, A., Snyder, K., Kim, J. (2019). Resistance Training During a 12-week Protein Supplemented VLCD Treatment Enhances Weight-loss Outcomes in Obese Patients. *Clinical Nutrition*, 38, 372-382.
- Brown, A.F.**, Bach, C.W., De Almeida, G., Leonard, S.M., Welsh, T., Ormsbee, M.J. (2017). Body Composition and Performance Capabilities Based on Protein Intake in Collegiate Dancers: A Pilot Study. *Journal of Sports Science*, 5; 189-197.
- Jo, E., Cain, A., Prado, C., **Brown, A. F.**, Ormsbee, M. J., Snyder, K., & Kim, J-S. (2017). Age- and sex-related Differences on Very Low-calorie Treatment Outcomes in Obese Bariatric Patients. *Californian Journal of Health Promotion*, 15(3); 25-36.
- Bach, C.W., **Brown, A.F.**, Kinsey, A.W., Terracciano, A., Sutin, A., Ormsbee, M.J. (2015). The Physiological Characteristics and Performance Capabilities of Highly Trained Motocross Athletes, Cyclists and Physically Active Males. *Journal of Strength & Conditioning Research*, 29(12); 3392-3398.
- Refereed Journal Article Publications (Submitted or scheduled)
- \*\*Cruz, A.A.B., \*\*Irwin, G., Brooks, S.J., \*Kleinkopf, K., Candow, D., **Brown, A.F.** (in progress). Impacts of a 6-week Creatine and Resistance Training Intervention on Sleep Among Naturally Menstruating College Females. *Nutrients*.
- \*\*Irwin, G., \*\*Cruz, A.A.B., Brooks, S.J., Greene, A.J., Trimmerger S.M., **Brown, A.F.** (in progress).

Inconsistency in Normal Weight Obesity Classification Across Body Composition Methodologies. *Journal of Applied Physiology*.

\*\*Cruz, A.A.B., Brooks, S., Richardson, C., **Brown, A.F.** (in progress) Normal Weight Obesity Among Rural Male and Female High School Students Measured by Bioelectrical Impedance Analysis. *Journal of Obesity*.

\*\*Ward, A.M., Nuñez, L.A., \*\*Cruz, A.A.B., \*\*Irwin, G., **Brown, A.F.**, and Fehrenkamp, B.D. (in progress). Beyond Body Mass Index: Exploring the Impact of Adiposity on Inflammation in College-Aged Females. *Journal of Obesity*.

\*\*Partridge, C., \*\*Brooks, S., Domitrovich, J., Sol, J., **Brown, A.F.**, Ruby, B., Roe, A. (in progress). Wildland Firefighters' Self-Reported Ideal Dietary Intake During Wildfire Suppression. *Journal of Occupational and Environmental Medicine*.

#### Invited Non-Refereed Journal Articles

**Brown, A.F.** (2021) Protein Requirements for the Dancer. *International Association for Dance Medicine and Science Bulletin*, 1(9); 4-6.

#### Invited Book Chapters

**Brown, A.F.**, Brown, M., Challis, J. (2024) *Nutrition, Hydration, Rest*. Dance Injuries: Reducing Risk and Maximizing Performance. Human Kinetics. Champaign, IL. Editor, Russell, J. ISBN: ahead of print

**Brown, A.F.** (2021) *Protein*. Nutritional Sciences: From Fundamentals to Food, 4E. Cengage. Boston, MA. Editors, McGuire, M. and Beerman, K.A. ISBN: ahead of print

**Brown, A.F.** (2021) *Physical Activity & Health*. Nutritional Sciences: From Fundamentals to Food, 4E. Cengage. Boston, MA. Editors, McGuire, M. and Beerman, K.A. ISBN: ahead of print

**Brown, A.F.** (2020) *Energy Expenditure & Body Composition*. National Strength & Conditioning Association's Guide to Sport and Exercise Nutrition, 2E. Human Kinetics. Champaign, IL. Editor, Campbell, B.I. ISBN: 978-1-4925-9351-5

#### Refereed Journal Abstracts

**Brown, A.F.**, Welsh, T., Panton, L., Moffatt, R., Ormsbee, M. (2017) Effect of Protein Supplementation for 12 Weeks on Body Composition & Dance Performance in Female Collegiate Dancers. Florida State University, *American College of Sports Medicine*.

\*\*Krick, R., Brown, K.N., Ramsay, S., **Brown, A.F.** (2017) Changes in Knowledge of the Female Athlete Triad Following a Brief Nutrition Education Intervention Among Female High School Athletes. *Journal of the Academy of Nutrition and Dietetics*.

\*Little, M., Brown, K.N., **Brown, A.F.**, Meenan, M. (2017) Dancers' Risk for the Female Athlete Triad, Disordered Eating, and Changes in Triad Knowledge Following Educational Intervention. *Journal of the Academy of Nutrition and Dietetics*.

\*\*Peterson, K.R., **Brown, A.F.**, Bach, C.W. De Almeida, G., Leonard, S.M, Welsh, T., Ormsbee, M.J. (2017) Body Composition and Performance Capabilities Based on Level of Protein Intake in Collegiate Female Dancers. *American College of Sports Medicine*.

**Brown, A.F.**, Welsh, T., Panton, L., Moffatt, R., Ormsbee, M. (2017) Effect of Protein Supplementation for 12 Weeks on Body Composition & Dance Performance in Female Collegiate Dancers. *American College of Sports Medicine*.

#### Professional Presentations

Invited Presentations

Cruz, A.A.B., **Brown, A.F.** (2023) Nutritional and Exercise Considerations for the Female Athlete. National Strength & Conditioning Association Washington Clinic.

**Brown, A.F.** (2023) Normal Weight Obesity: Can you be skinny and fat? National Strength & Conditioning Association Idaho Clinic.

**Brown, A.F.** (2021) Physiological and Psychological Health Disparities Among Rural and Urban Adolescents. Mountain West Clinical Translational Research Infrastructure Network. Virtual Conference.

**Brown, A.F.** Richardson, C.M.E. (2020) The Effect of New Mood Supplementation on Daily Stress, Physiological Measures & Sleep Patterns in Healthy Collegiate Men & Women. ONNIT Labs, Austin, TX.

**Brown, A.F.** (2016) Sports Nutrition: Optimal Performance, Body Composition, or Both. Dr. Bob Frederick Sport Leadership Lecture Series. Lewis-Clark State College, Lewiston, ID.

Invited Expert Panels

Smith-Ryan, A., Campbell, B., Van Dusseldorp, T., **Brown, A.F.**, Wildman, R. (2019) Women Strong: Training and Benefits. Dymatize Performance Institute. Online Dissemination.

Refereed Presentations at Conferences

**Brown, A.F.** (2023) Normal Weight Obesity: Can you be skinny and fat? American College of Sports Medicine Northwest Chapter Annual Conference, Portland, OR.

\*Aguiar Bonfim Cruz, A., **Brown, A.F.** (2023) Normal Weight Obesity Prevalence and Dietary Intake Among Male and Female Adolescents in Idaho. American College of Sports Medicine Northwest Chapter Annual Conference, Portland, OR.

**Brown, A.F.** (2022) The Holistic Collegiate Dancer Health Profile. Oral Presentation presented at the International Association of Dance Medicine & Science Annual Conference: Limerick, Ireland. (Oral)

Ambegoankar, J., **Brown, A.F.** (2022) Assessing Change in Body Composition Index Among Collegiate Dancers Across an Academic Semester. Oral Presentation presented at the International Association of Dance Medicine & Science Annual Conference: Limerick, Ireland (Oral)

**Brown, A.F.** Saenz, C., Sanders, D., Meyers, C. Brooks, S.J. (2022) The Establishment of the North American Coalition of Dance Science Researchers. Oral Presentation presented at the International Association of Dance Medicine & Science Annual Conference: Limerick, Ireland (Oral)

Brooks, S.J., **Brown, A.F.** (2022) Effect of Creatine Supplementation on Body Composition, Performance and Cognition in Female Collegiate Dancers. Oral Presentation presented at the International Association of Dance Medicine & Science Annual Conference: Limerick, Ireland (Oral)

**Brown, A.F.** (2021) Prevalence of Normal Weight Obesity and Health Implications for the Female Collegiate Dancer. Oral Presentation presented at the National Strength & Conditioning Association Annual Conference: Orlando, FL. (Oral)

\*\*Bideganeta, H., \*\*Brooks, S., Meenan, M.J., **Brown, A.F.** (2020) Effects of a 16-week Pilates Mat Training Intervention on Dance Exercises and Body Composition. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)

\*\*Brooks, S., Bailey, J., Roe, A.J., Richardson, C., Ruby, B., **Brown, A.F.** (2020) Wildland Firefighters' Body Composition, Macronutrient and Micronutrient Intake Pre and Post Wildfire Season. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)

- \*Contreras, C., Newby, N., Richardson, C.M.E., **Brown, A.F.** (2020) The Effect of a Dietary Stress Supplement on Physiological and Psychological Measures in Collegiate Students. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)
- \*\*Alfiero, C.J., \*\*Brooks, S.J., \*\*Skiles, C.M., Bailey, J.P., **Brown, A.F.** (2020) The Effect of Pre-conditioning Heavy Resistance Exercise on Ventilatory Threshold and  $VO_{2max}$ : A Pilot Study. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)
- \*Downen, M., \*\*Brooks, S., **Brown, A.F.** (2020) Collegiate Athletes' Nutrient Consumption and Utilization of the Athletics Fueling Center. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)
- Brown, M., Challis, J., **Brown, A.F.** (2020) Protein for the Dancer; Considerations for Plant-based Diets. International Association for Dance Medicine & Science Annual Conference, Virtual (Oral)
- Ambegaonkar, J., **Brown, A.F.** (2019) Nutrition Periodization in Dancers. International Association for Dance Medicine & Science Annual Conference, Montreal, Canada. (Poster)
- Brown, A.F.**, Brown, M., Challis, J. (2018) Nutrition Strategies for Dancers: Hits and myths. International Association for Dance Medicine & Science Annual Conference, Helsinki, Finland.
- Brown, A.F.**, Ambegaonkar, J. (2018) Identifying & Recognizing Relative Energy Deficiency in Sport (RED-S) Within a Dance Population. International Association for Dance Medicine & Science Annual Conference, Helsinki, Finland. (Poster)
- \*\*Peterson, K., Brown, K., Vella, C.A., Stoll, S., **Brown, A.F.** (2018) The Relationship Between Energy Availability, Body Composition & Eating Disorder Risk in Division I Student-Athletes. Northwest American College of Sports Medicine Conference, Bend, OR. (Oral)
- \*\*Brooks, S., Collins, C., Brooks, R., **Brown, A.F.** (2018). Wildland Firefighters' Provided Hydration and Nutrition While on a Fire Assignment. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)
- \*Smith, S., \*\*Brooks, S., Meenan, M., **Brown, A.F.** (2018). Relationship Between Diet, Body Composition, and Performance in Collegiate Dancers Across an Academic Semester. Poster Presented at the American College of Sports Medicine Northwest Annual Meeting: Bend, OR. (Poster)
- \*Smith, S.R., \*\*Brooks, S.J., Meenan, M., **Brown, A.F.** (2018) Changes in Diet, Body Composition & Performance in Collegiate Dancers Across an Academic Semester. University of Idaho Office of Undergraduate Research Symposium, Moscow, ID. (Poster)
- \*Lotstein, A., \*\*Brooks, S.J., \*Hill, G., \*Litz, R., \*Davis, R., \*Trumble, M., **Brown, A.F.** (2018) Cortisol Levels, Body Composition and Health Among Male and Female Students. University of Idaho Office of Undergraduate Research Symposium, Moscow, ID. (Poster)
- \*\*Peterson, K., Brown, K., Vella, C.A., Stoll, S., **Brown, A.F.** (2018) The Relationship Between Energy Availability, Body Composition & Eating Disorder Risk in Division I Student-Athletes. Northwest American College of Sports Medicine Conference, Bend, OR. (Poster)
- \*\*Brooks, S.J., Collins, C., Brooks, R., **Brown, A.F.** (2018) Wildland Firefighters' Provided Hydration and Nutrition While on a Fire Assignment. Northwest American College of Sports Medicine Conference, Bend, OR. (Poster)

- \*Smith, S.R., Brooks, S.J., Meenan, M., **Brown, A.F.** (2018) Changes in Diet, Body Composition & Performance in Collegiate Dancers Across an Academic Semester. Northwest American College of Sports Medicine Conference, Bend, OR. (Poster)
- \*\*Brooks, S., Collins, C., Nelson, A., Brooks, R., **Brown, A.** (2017). Wildland Firefighters' Hydration on a Fire Assignment: Self-reported Contributing Factors and Perceptions. Poster presented at the 7<sup>th</sup> International Fire Ecology and Management Congress: Orlando, FL.
- \*\*Brooks, R., Collins, C., Brooks, S., Nelson, A., **Brown, A.** (2017). Wildland Firefighter Perceptions Regarding Health and Safety Issues on the Fire Line. Poster presented at the 7<sup>th</sup> International Fire Ecology and Management Congress: Orlando, FL.
- Collins, C., \*\*Brooks, S., James, S., **Brown, A.**, Nelson, A. (2017). Implications of Body Composition Changes Across a Fire Season: A Case Study of WLFF. Poster presented at the 7<sup>th</sup> International Fire Ecology and Management Congress: Orlando, FL.
- Brown, A.F.** (2017) Optimizing Dance Performance Through Nutrition & Supplemental Training. Idaho Dance Education Organization Annual Conference. University of Idaho, Moscow, ID.
- Brown, A.F.**, Welsh, T., Panton, L., Moffatt, R., Ormsbee, M. (2017) Effect of Protein Supplementation for 12 Weeks on Body Composition & Dance Performance in Female Collegiate Dancers. Florida State University, International Association for Dance Medicine & Science Conference, Houston, TX.
- Brown, A.F.**, Welsh, T., Panton, L., Moffatt, R., Ormsbee, M. (2017) Effect of Protein Supplementation for 12 Weeks on Body Composition & Dance Performance in Female Collegiate Dancers. Florida State University, Thematic Poster; American College of Sports Medicine National Conference, Denver, CO.
- Brown, A.F.**, Little, M., Brown, K.N., Meenan, M. (2017) Dancers' Risk for the Female Athlete Triad, Disordered Eating, and Changes in Triad Knowledge Following Educational Intervention. International Association for Dance Medicine & Science Annual Conference, Houston, TX. (Poster)
- \*\*Krick, R., Brown, K.N., Ramsay, S., **Brown, A.F.** (2017) Changes in Knowledge of the Female Athlete Triad Following a Brief Nutrition Education Intervention Among Female High School Athletes. Food & Nutrition Conference & Expo, Chicago, IL. (Poster)
- \*Little, M., Brown, K.N., **Brown, A.F.**, Meenan, M. (2017) Dancers' Risk for the Female Athlete Triad, Disordered Eating, and Changes in Triad Knowledge Following Educational Intervention. Food & Nutrition Conference & Expo, Chicago, IL. (Poster)
- \*\*Peterson, K.R., **Brown, A.F.**, Bach, C.W. De Almeida, G., Leonard, S.M, Welsh, T., Ormsbee, M.J. (2017) Body Composition and Performance Capabilities Based on Level of Protein Intake in Collegiate Female Dancers. American College of Sports Medicine National Conference, Denver CO. (Poster)
- Brown, A.F.**, Welsh, T., Panton, L., Moffatt, R., Ormsbee, M. (2016) Effect of Protein Supplementation for 12 Weeks on Body Composition & Dance Performance in Female Collegiate Dancers. Florida State University, Dissertation Defense
- Brown, A.F.**, De Almeida, G., Leonard, S.M., Bach, C.W., Welsh, T., Ormsbee, M.J. (2015) The Effect of Dietary Protein Consumption on Body Composition & Performance Capabilities in Female Collegiate Ballet Dancers. 2015 International Association for Dance Medicine & Science Conference, Pittsburgh, PA.
- Brown, A.F.**, Ormsbee, M.J., Prado, C.M., Ghosh, S., Arciero, P.J., Tucker, K.L. (2015) High-protein Intake is Associated with Body Composition and Cardiometabolic Health in Puerto Rican Adults. SEACSM conference, Jacksonville, FL. (Poster)
- Brown, A.F.**, Ormsbee, M.J., Prado, C.M., Ghosh, S., Arciero, P.J., Tucker, K.L. (2015) High-protein

Intake is Associated with Body Composition and Cardiometabolic Health in Puerto Rican Adults. Research & Creativity Day: Florida State University. (Poster)

- Brown, A.F.**, Ormsbee, M.J., Prado, C.M., Ghosh, S., Arciero, P.J., Tucker, K.L. (2015) High-protein Intake is Associated with Body Composition and Cardiometabolic Health in Puerto Rican Adults. ACSM National Conference, San Diego, CA. (Poster)
- Brown, A.F.**, Bach, C.W., Kinsey, A.W., Biwer, A.L., Friesen, C., Ormsbee, M.J. (2014) Physiological Characteristics of Elite Motocross Athletes. ACSM National Conference, Orlando, FL. (Poster)
- Brown, A.F.**, Bach, C.W., Kinsey, A.W., Biwer, A.L., Friesen, C., Ormsbee, M.J. (2014) Physiological Characteristics of Elite Motocross Athletes. SEACSM Conference, Greenville, SC. (Poster)
- Brown, A.F.**, Bach, C.W., Kinsey, A.W., Biwer, A.L., Friesen, C., Ormsbee, M.J. (2013) Physiological Characteristics of Elite Motocross Athletes. Research & Creativity Day: College of Human Sciences, Florida State University. (Poster)
- VanNuland, M., Vincent, J.B., Youngquist, L. **Frost, A.**, Whitlow, W.L. (2011) Collembolans, Colonization's & Concrete: Forest Floor Leaf Litter Invertebrate Communities and Disturbance Along an Urbanization Gradient. Ecological Society of America Conference, Portland, OR. (Poster)
- Frost, A.**, Youngquist, L., Alaimo, P.J., Latch, D., Whitlow, W.L. (2010) Investigating Impacts of Emerging Contaminants in the Duwamish River Ecosystem: Pyrethroids, Ecology, & Chemistry. Society of Environmental Toxicology and Chemistry, Portland, OR. (Poster)
- Alaimo, P.J., Latch, D., Whitlow, W.L., **Frost, A.**, L. Youngquist, L. (2010) Incorporating an Environmental Research Project Across Three Simultaneous STEM Courses: Collaboration Between Ecology, Organic Chemistry, and Instrumental Analysis. Resources, Energy and Sustainability: A STEM Teaching and Research Symposium. Honolulu, HI. (Poster)
- Latch, D., Alaimo, P.J., Whitlow, W.L., Berude, J., **Frost, A.** and L. Youngquist, L. (2010) Chemistry and Ecology of Emerging Contaminants: Measuring Concentrations and Non-lethal Effects of Pyrethroid Pesticides in an Urban Estuary. Resources, Energy and Sustainability: A STEM Teaching and Research Symposium. Honolulu, HI. (Poster)
- Whitlow, W.L., **Frost, A.**, Youngquist, L., Alaimo, P.J., Latch, D. (2010) Urban Aquatic Contaminants and Benthic Ecology: Comparing Invertebrates, Chemical Concentrations, and Water Quality Across a Superfund site. Ecological Society of America Conference, Pittsburgh, PA. (Poster)
- Youngquist, L., **A. Frost**, Alaimo, P.J., Latch, D., Whitlow, W.L. (2010) Slimy, Smelly, and Superfun(d): Investigating Emerging Contaminants in the Duwamish River Ecosystem. Ecological Society of America Conference, Pittsburgh, PA. (Poster)
- Van Nuland, M., Vincent, J.B., Youngquist, L., **Frost, A.** and W.L. Whitlow. (2010) Little Bugs in the Big City: Investigation of Litter Invertebrates Along an Urbanization Gradient. Ecological Society of America Conference, Pittsburgh, PA. (Poster)
- Frost, A.**, Berude, J., Latch, D., Alaimo, P.J., Whitlow, W.L. (2010) Urban Aquatic Contaminants & Benthic Ecology: Pyrethroids in the Duwamish River. Seminar. College of Science & Engineering Natural Sciences Seminar Series, Seattle, WA. (Poster)
- Frost, A.**, Youngquist, L., Alaimo, P.J., Latch, D., Whitlow, W.L. (2010) Investigating water quality and contaminants in the Duwamish River ecosystem. Seminar. SUURA Undergraduate Research Symposium, Seattle, WA. (Poster)
- Frost, A.**, Berude, J., Latch, D., Alaimo, P.J., Whitlow, W.L. (2010) Urban Aquatic Contaminants & Benthic Ecology: Pyrethroids in the Duwamish River. Seminar. M.J. Murdock Charitable Trust Undergraduate Research Conference, McMinnville, OR. (Poster)

- Whitlow, W.L., Latch, D., Alaimo, P.J., **Frost, A.**, Berude, J. (2010) Urban Chemistry & Ecology: Comparing Pyrethroid Concentrations, Aquatic Conditions, & Benthic Invertebrates across a Superfund Site. Society of Environmental Toxicology and Chemistry, Portland OR. (Poster)
- Whitlow, W.L., **Frost, A.**, Youngquist, L., Alaimo, P.J., Latch, D. (2010) Urban Aquatic Contaminants and Benthic Ecology: Comparing Invertebrates Chemical Concentrations, and Water Quality Across a Superfund Site. Ecological Society of America Conference, Pittsburgh, PA. (Poster)
- Whitlow, W.L., Latch, D., **Frost, A.**, Berude, J. (2010) Urban Aquatic Chemistry, Ecology, & Health: Comparing Pyrethroid Concentrations, Aquatic Conditions, Benthic Invertebrates, & Human Health Risks Across a Superfund Site. University of Washington Env't. Health Dept., Seattle, WA. (Poster)
- Frost, A.**, Berude, J., Latch D., Alaimo, P.J., Whitlow, L.W. (2010) Toxic Effects from Runoff into the Duwamish River: Pyrethroids, Chemistry, and Ecology. SETAC: Society of Environmental Toxicology and Chemistry, Portland, OR. (Poster)

## Grants

### External Awarded

- Brown, A.F.**, Walsh, C., (2022). *Fueling Center Sports Nutrition Education*. Funding through Dairy West. Total Award: \$32,949
- Brown, A.F.**, Walsh, C., Roe, A., McGuire, M., Sheikh, M., Hall, J., Miller, J. (2020). *Fueling Center Sports Nutrition Education*. Funding through Dairy West. Total Award: \$30,000
- \*\*Alfiero, C.J., **Brown, A.F.** (2020). *The Effects of Weighted-vest Sprints on Physiological Parameters During a Graded Exercise Test and 1-mile Running Performance*. Funding through the Northwest American College of Sports Medicine Student Research Award Program. Total Award: \$500.
- Brown, A.F.** (2019). *Physiological & Psychological Health Disparities Among Rural & Urban Adolescents*. Funded through the Mountain West CTR-IN. Total Award: \$66,000.
- Brown, A.F.**, Richardson, C. (2019). *Addressing Health Disparities Among Rural Adolescents in Idaho: Promoting Lifelong Physical & Mental Health*. Funding through CTR-IN and INBRE. Total Award: \$20,000.
- Brown, A.F.**, Richardson, C. (2018). *The Effect of ONNIT NewMood™ Supplementation on Daily Stress, Physiological Measures & Sleep Patterns in Healthy Collegiate Men & Women*. Funding through Onnit Labs. Total Award: \$69,351
- Ormsbee, M.J., **Brown, A.F.** (2016). *Effect of Protein Supplementation on Body Composition & Dance Performance in Female Collegiate Dancers*. Funded by Dymatize Sports Nutrition Institute. Total Award: \$20,000

### Internal Awarded

- \*Johnson, A., **Brown, A.F.** (2023). Investigating the Relationship Between Body Water, Ovarian Hormones and Menstrual Cycle Phase. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Raelina, M., **Brown, A.F.** (2023). Physical Activity and Exercise throughout the Menstrual Cycle. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000.
- \*Johnson, A., **Brown, A.F.** (2023). The Relationship Between the Menstrual Cycle and Sleep. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000.

- \*Kleinkopf, K., **Brown, A.F.** (2022). The Relationship Between Menstrual Cycle and Sleep Among NCAA Division I Volleyball Players. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$975
- \*Greene, A., **Brown, A.F.** (2022). The Intercollegiate Artistic Athlete Research Assessment (TIAARA) Study. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$975
- \*Jirik, J., **Brown, A.F.** (2022). The Changes in Body Composition, Agility, and Performance Psychological Components over a Collegiate Tennis Season. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$991
- \*Ofori, I., **Brown, A.F.** (2022). Evaluation of Nutrition Knowledge and Caloric Intake of Division I Student Athletes and Contribution from Athletic Fueling Center. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Trimberger, S., **Brown, A.F.** (2022). Comparing the validity of at-home consumer body composition scales “smart scales” to research grade body composition tools among college students. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Maldonado Quezada, D., **Brown, A.F.** (2022). Effects of a 6-week Creatine Supplementation and Resistance Training Intervention on Body Composition and Performance in Female Collegiate Dancers. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Hill, E., **Brown, A.F.** (2022). *The Effect of a 4-week Tonal Strength Training Intervention on Body Composition, Muscular Strength and Emotional Well-Being Among Premenopausal Working Mothers.* Funded through University of Idaho Office of Undergraduate Research Summer Undergraduate Research Fellowship. Total Award: \$5,000.
- \*Stroemer, M. **Brown, A.F.** (2021). *Dietary Behavior Impacts on Body Composition in Collegiate Dancers Throughout the United States.* Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Waggoner, B. **Brown, A.F.** (2021). *Analysis of Sleep, Training Load and Menstrual Health in Collegiate Dancers.* Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Hill, E. **Brown, A.F.** (2021). *The Effect Creatine Supplementation on Performance, Body Composition, and Mental Health in Female Collegiate Dancers.* Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- Brown, A.F., Kern, A., Wargo, L.** (2021). *Connecting, Recruiting and Retaining Idaho’s People, Places and Ideas.* Awarded by the University of Idaho Vandal Ideas Project. Total Award: \$15,000.
- \*\*Bideganeta, H., **Brown, A.F.** (2020). *The Effects of a 12-week Whey or Plant-based Protein Supplementation Intervention on Body Composition and Metabolic Health in Division I Male Collegiate Athletes.* Funding through the Northwest American College of Sports Medicine Student Research Award Program. Total Award: \$500.
- \*Green, D. **Brown, A.F.** (2020). *The Effect of Pre-conditioning Resistance Exercise on Running Economy and Performance.* Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000
- \*Bideganeta, H., **Brown, A.F.** (2019). *Differences in Body Composition, Resting Metabolic Rate and Sleep Quality Following a 6-week Protein Supplementation Intervention in Collegiate Dancers.* Funding

through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000

\*Contreras, C., **Brown, A.F.** (2019). *The Effect of a 6-week High Intensity Interval Training Program on Aerobic and Anaerobic Fitness in Collegiate Dancers*. Funding through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000

**Brown, A.F.**, \*\*Brooks, S. (2018). *Wildland Firefighter In-Season and Off-Season Variation in Dietary Practices, Body Composition & Fitness: A Longitudinal Analysis*. Funded through University of Idaho Office of Research & Economic Development Seed Grant Program. Total Award: \$12,000

\*Stephens, J., **Brown, A.F.** (2018). *Body Image, Body Composition & Energy Intake of Adolescent Aesthetic Athletes*. Funded through University of Idaho Office of Undergraduate Research Summer Undergraduate Research Fellowship. Total Award: \$5,000

**Brown, A.F.** (2018). *Variations in Metabolism and the Associations with Body Composition & Dietary Intake*. Funded through University of Idaho Office of Undergraduate Research Curriculum Development Grant. Total Award: \$5,000

\*Lotstein, A., **Brown, A.F.** (2017). *Cortisol Levels, Body Composition, and Health Among Male and Female Collegiate Students*. Funded through University of Idaho Office of Undergraduate Research Undergraduate Research Grant. Total Award: \$1,000

#### Pending Grants

McGuire, M.K., **Brown, A.F.**, Chen, Y., Lane, G. (2023). *COBRE in Nutrition & Women's Health*. Funding through the National Institute of Health. Total Award: \$11,943,571.

#### Denied Grants

**Brown, A.F.** (2023). *Impact of Normal Weight Obesity on Female Metabolic and Reproductive Health*. Funding through the National Institutes of Health (SuRE R16). Total Award: \$398,353.

McGuire, M.K., **Brown, A.F.**, Chen, Y., Lane, G. (2022). *COBRE in Nutrition & Women's Health*. Funding through the National Institute of Health. Total Award: \$11,943,571.

\*\*Alfiero, C.J., **Brown, A.F.** (2020). *The Effect of Pre-conditioning Resistance Exercises on Running Economy and Performance in Trained Male Distance Runners*. Funding through the National Strength & Conditioning Association. Total Award: \$15,000.

Montrose, L.B., **Brown, A.F.** (2019). *Biomonitoring and Real-time Measurement of Particulate Air Pollution for Occupational Health Impact Assessment Among Wildland Firefighters: A Pilot Study*. Funding through the Institute of Translational Health Sciences, University of Washington. Total Award: \$50,000.

Richardson, C., **Brown, A.F.** Holyoke, L. (2019). *UI Mindfulness Center: Creating a Healthier UI Community*. Submitted to the University of Idaho Vandal Ideas Project. Total Award: \$45,000

**Brown, A.F.**, Richardson, C. (2018). *Northwest Adolescent Mobile Wellness Study: A Longitudinal Approach to Understand Physiological & Psychological Risk Factors among Rural Adolescents*. Funding through the Keck Foundation. Total Award: \$1,500,000

Ruby, B.C., Quindry, J., Bundle, M., **Brown, A.F.**, Reinert, A., Coker, R. (2018). *Development of Pre-season Assessments and Countermeasures to Minimize Cardiovascular Risk, Degradation of Skeletal Muscle and Musculoskeletal Injuries in Wildland Firefighters*. Submitted to the Federal Emergency Management Agency (FEMA). Total Award: \$1,200,000

**Brown, A.F.**, Meenan, M., Baker, R., Larkins, L. (2018). *Exercise Performance Training and Intervention*

*Trials Using Pilates and Performance Laboratory*. Submitted to the University of Idaho Office of Research and Economic Development Equipment Infrastructure Support Award. Total Award: \$28,557.96

Roe, A.J., **Brown, A.F.** (2017). *Effect of Whole Grape Powder Supplementation on Oxidative Stress, Physical Performance, Cognitive, and Emotional Outcomes in College-Aged Males*. Submitted to the California Grape Commission Health Research Grant Program. Total Award: \$29,950

**Brown, A.F.** (2017). *The Metabolically Obese Normal Weight Phenotype: A Collegiate Concern?* Submitted to the University of Idaho Office of Research & Economic Development Seed Grant Program. Total Award: \$12,000

### Awards & Gifts

**Brown, A.F.** (2022) *The Effect Creatine Supplementation and Resistance Training on Female Collegiate Dance Health & Performance*. Darren Candow, Creapure®. Total Gift: \$6,000

**Brown, A.F.** (2021) *The Effect Creatine Supplementation on Performance, Body Composition, and Mental Health in Female Collegiate Dancers*. Darren Candow, Creapure®. Total Gift: \$8,000

**Brown, A.F.** (2021) *The Effects of a 12-week Whey or Plant-based Protein Supplementation Intervention on Body Composition and Metabolic Health in Division I Male Collegiate Athletes*. Onnit Labs®. Total Gift: \$8,000

**Brown, A.F.** (2020) *The Effect of High-Intensity Interval Training and Whey Protein Supplementation on Physical Fitness, Body Composition, Metabolism and Sleep in Collegiate Dancers*. Dymatize Nutrition™. Total Gift: \$10,000.

### **SERVICE:**

#### International Service

Associate Editor

*Journal of the International Society of Sport Nutrition*, 2023 – present

Editorial Board Member

*Journal of Dance Medicine and Science*, 2021 – present

#### University Service

Graduate Council, 2023 – present

*University of Idaho*

University Tenure & Promotion Committee, 2023

*University of Idaho*

Research Council, 2020 – 2023

*University of Idaho, Office of Research & Economic Development*

Search Committee Member, Assistant Director for Sponsored Accounting, 2020

*University of Idaho, Office of Sponsored Programs*

#### College Service

Center on Disability & Human Development Director Search Committee

*University of Idaho, College of Education Health & Human Sciences*

EHHS Graduate Student Advisory Council, Faculty Advisor, 2023 – Present

*University of Idaho, College of Education Health & Human Sciences*

EHHS Dean Search Committee, 2021-2022

*University of Idaho, College of Education Health & Human Sciences*

EHHS Graduate Student Orientation Chair, 2022 – Present  
*University of Idaho, College of Education Health & Human Sciences*

EHHS Student Research Symposium Chair, 2020 – Present  
*University of Idaho, College of Education Health & Human Sciences*

Interim Dean Search Committee, 2020  
*University of Idaho, College of Education Health & Human Sciences*

Graduate Research and Policy Committee, 2018 – 2023, Committee Chair 2020-2022  
*University of Idaho, College of Education, Health and Human Sciences*

Faculty Affairs & Awards Committee, 2016 – 2018  
*University of Idaho, College of Education, Health & Human Sciences*

Travel Grant Committee Reviewer, 2014 – 2016  
*Florida State University, College of Human Sciences*

Grievance Committee Member, 2014 – 2016  
*Florida State University, College of Human Sciences*

**Department of Movement Sciences Service**

Search Committee Member, Assistant Clinical Professor in Health Sciences, 2023  
*University of Idaho, Department of Movement Sciences*

Search Committee Member, Assistant Professor in Exercise & Sport Psychology, 2022  
*University of Idaho, Department of Movement Sciences*

Third Year Review Committee, 2020  
*University of Idaho, Department of Movement Sciences*

Promotion Review Committee, 2018  
*University of Idaho, Department of Movement Sciences*

Third Year Review Committee, 2018  
*University of Idaho, Department of Movement Sciences*

MS MLS Assessment Committee, 2017 – 2019  
*University of Idaho, Department of Movement Science*

Dance Program Instructor, 2017 – Present  
*University of Idaho, Department of Movement Science*

Dance Program Scholarship Committee, 2016 – Present  
*University of Idaho, Department of Movement Science*

**Family & Consumer Sciences Service**

Family and Consumer Sciences 3<sup>rd</sup> Year Review Committee, 2022  
*University of Idaho, College of Agricultural & Life Sciences*

Family and Consumer Sciences Faculty Search Committee, 2018  
*University of Idaho, College of Agricultural & Life Sciences*

**Professional Memberships & Organizations**

Reviewer

Medical Problems of Performing Artists  
Journal of Strength & Conditioning Research  
European Journal of Sport Science  
Journal of Dance Medicine & Science  
The Journal of the International Society of Sports Nutrition  
Health Psychology Open  
Strength and Conditioning Journal

Memberships

International Association for Dance Medicine & Science  
Northwest American College of Sports Medicine  
International Society of Sports Nutrition  
American College of Sports Medicine