

EDUCATION

Doctor of Philosophy (PhD) – Exercise Physiology Collateral area: Epidemiology University of Pittsburgh, Pittsburgh, PA Department of Health & Physical Activity Dissertation: “ <i>Association of Lipoprotein-Associated Phospholipase A₂ and C-Reactive Protein with Moderate-to-Vigorous Physical Activity in Middle-Aged Women</i> ” Advisors: Dr. Deborah Aaron, Dr. Robert J. Robertson	2006-2011
Master of Science (MS) – Exercise Science University of Massachusetts, Amherst, MA Department of Exercise Science Thesis: “ <i>Detecting Physical Activity Change in a Free-Living Environment</i> ” Advisor: Dr. Patty Freedson	2000-2004
Bachelor of Science (BS) – Exercise Science University of Massachusetts, Amherst, MA Department of Exercise Science Cum Laude	1998-2000
Associate of Arts (AA) – Arts & Science Holyoke Community College, Holyoke, MA High Honors	1995-1997

PROFESSIONAL EXPERIENCE

Teaching Assistant Professor School of Sport Sciences College of Applied Human Sciences West Virginia University, Morgantown, WV	2023-Present
Assistant Professor & Lecturer Exercise Science Program School of Nursing and Health Sciences Florida Southern College, Lakeland, FL	2016-2023
Lecturer Departments of Kinesiology and Health Sciences College of Health Professions and Sciences University of Central Florida, Orlando, FL	2020-2023

Curriculum Vita
David J. Rice, PhD
djrice27@gmail.com

Assistant Professor

2011-2016

Department of Exercise and Sports Science
School of Health and Natural Sciences
Fitchburg State University, Fitchburg, MA

Lecturer

2004-2005

Department of Kinesiology
School of Public Health
University of Massachusetts, Amherst, MA

TEACHING EXPERIENCE

Graduate Courses Taught

University of Central Florida:

- PET 6366: Exercise, Nutrition, and Weight Control
- PET 6372: Physical Activity and Nutritional Epidemiology
- PET 6388: Cardiovascular Physiology

Undergraduate Courses Taught

West Virginia University:

- PET 124: Human Body: Structure & Function
- PET 125: Principles of Human Movement
- ACE 307: Applied Sports Physiology
- ACE 427: Biomechanics

University of Central Florida:

- HSC 3110: Medical Self-Assessment

Florida Southern College:

- EXS 1105: Introduction to Exercise Science and Health Promotion
- EXS 2760: Sports Nutrition and Supplementation
- EXS 2770: Exercise Physiology
- EXS 3735: Exercise and Sport Psychology
- EXS 3740: Exercise Testing and Prescription
- EXS 3745: Exercise Management of Chronic Disease
- EXS 4725: Research Methods in Exercise Science
- EXS 4960/4961: Applied Experiences in Exercise Science

Fitchburg State University:

- PHS 2110: Fundamentals of Epidemiology
- EXSS 1000: Health & Fitness
- EXSS 1011: Introduction to Exercise Science
- EXSS 2060: Exercise, Nutrition, and Heart Disease
- EXSS 2071: Exercise Physiology I
- EXSS 2072: Exercise Physiology II
- EXSS 4950: Internship in Exercise Science

University of Massachusetts, Amherst:

- Nursing 301: Pathophysiology
- EXCSCI 100: Introduction to Exercise Science
- EXCSCI 205: Human Physiology
- EXCSCI 300: Writing for Exercise Science
- EXCSCI 340: Exercise Testing and Programming

RECENT PEER REVIEWED PUBLICATIONS

- | | |
|---|---------------------|
| Maldari M, Garcia JM, & Rice DJ . University experiences in a mandatory health and wellness course: a qualitative investigation. <i>Journal of American College Health</i> . | Under Review |
| Garcia JM, Hahs-Vaughn D, Murray ML, Perry C, Brazendale K, Rice DJ , & Fukuda DH. The physical and psychosocial benefits of a family judo program for parents of children with Autism Spectrum Disorder: A pilot study. <i>Disability and Health Journal</i> .
https://doi.org/10.1016/j.dhjo.2024.101631 | 2024 |
| Garcia JM, Murray ML, Brazendale K, Rice DJ , & Fukuda DH. Effects of a family judo program on sleep quality in youth with Autism Spectrum Disorder. <i>Sleep Medicine</i> .
https://doi.org/10.1016/j.sleep.2023.11.031 | 2024 |
| Maldari M, Garcia JM, Rice DJ . The impact of health education on physical activity correlates in college students. <i>Journal of American College Health</i> .
https://doi.org/10.1080/07448481.2021.1879812 | 2021 |
| Garcia JM, Baker K, Diaz M, Tucker J, Kelchner V, Rice DJ . Implementation fidelity of a mindfulness-based yoga program for children with Autism Spectrum Disorder and their families: a pilot study. <i>Advances in Neurodevelopmental Disorders</i> .
https://doi.org/10.1007/s41252-018-0091-3 | 2019 |
| Garcia JM, Baker K, Sirard JR, Whaley D, Deutsch NJ, Rice DJ , Weltman A. The influence of friends and psychosocial factors on physical activity and screen time in overweight and normal weight adolescents: a mixed methods analysis. <i>American Journal of Health Promotion</i> .
https://journals.sagepub.com/doi/full/10.1177/0890117118771313 | 2019 |

- Baker K, **Rice DJ**, Healy S, Garcia JM. Association of individual and parental weight loss behaviors with physical activity in overweight and normal weight adolescents. *Journal of Physical Activity and Health*. **2018**
<https://doi.org/10.1123/jpah.2017-0279>
- Garcia JM, Agaronov A, Sirard J, Whaley D, **Rice DJ**, Weltman A. Psychosocial and friend influences on objective sedentary behavior and screen time: a mixed methods analysis. *Journal of Physical Activity and Health*. **2017**
<http://dx.doi.org/10.1123/jpah.2016-0035>
- Garcia JM, Cox DJ, **Rice DJ**. Associations of physiological and psychological health outcomes with physical activity and sedentary behavior in adults with type 2 diabetes. *British Medical Journal Open Diabetes Research & Care*. **2017**
<http://dx.doi.org/10.1136/bmjdr-2016-000306>
- Garcia JM, Healy S, **Rice DJ**. Individual, social, and environmental factors associated with physical activity and screen time in Irish children: Growing Up in Ireland Study. *Journal of Physical Activity and Health*. **2016**
<http://dx.doi.org/10.1123/jpah.2015-0659>

CONFERENCE ORAL PRESENTATIONS

***Presenting author**

- Rice DJ***, Garcia JM, Robertson R, Nagle E, and Aaron DJ. *Differences in psychosocial factors according to physical activity levels in males and females*. Mid-Atlantic American College of Sports Medicine Conference, Harrisburg, PA. **2008**

CONFERENCE POSTER PRESENTATIONS

- Maldari M*, Scribner-Maclean M, **Rice DJ**. *Student experiences in a mandatory health and wellness course: a qualitative investigation*. American College of Sports Medicine Conference, Orlando, FL. **2019**
- Maldari M*, Scribner-Maclean M, **Rice DJ**. *An analysis of physical activity knowledge, motivators, and self-efficacy in an undergraduate wellness course*. American College of Sports Medicine Conference, Denver, CO.. **2017**
- Garcia JM, Baker KM, **Rice DJ***, Healy S. *Comparison of physical activity and sports participation in children with and without Autism Spectrum Disorder*. American College of Sports Medicine Conference, Denver, CO. **2017**
- Baker KM*, Healy S, **Rice DJ**, Garcia JM. Healy S. *The effect of bullying on health behaviors in adolescents*. American College of Sports Medicine Conference, Denver, CO. **2017**

Curriculum Vita
David J. Rice, PhD
djrice27@gmail.com

- Flaherty J*, Rotti H, & **Rice DJ**. *The effects of 5-hour energy on run performance, blood pressure, and mood state*. Massachusetts Undergraduate Honors Research Conference, Amherst, MA. **2016**
- Rice DJ***, Garcia JM, Cox DJ. *The association of physical activity and sedentary behavior with psychological outcomes in patients with type 2 diabetes*. American College of Sports Medicine Conference, Boston, MA. **2016**
- Tran A*, Garcia JM, Sirard JR, Whaley D, Deutsch N, **Rice DJ**, Weltman A. *Motivation for sports participation among high school and middle school students: a mixed-methods analysis*. American College of Sports Medicine Conference, Boston, MA **2016**
- Agarnov A*, Sirard JR, Whaley D, Deutsch N, **Rice DJ**, Weltman A, Garcia JM. *Psychological and friend influences on screen time and objective sedentary behavior: a mixed-methods analysis*. American College of Sports Medicine Conference, Boston, MA. **2016**
- Rice DJ***, Garcia JM, Sirard JR, Weltman A. *The association of school friends on objectively measured physical activity, sedentary behavior, and reported screen time*. American College of Sports Medicine Conference, San Diego, CA. **2015**
- Rice DJ***, Garcia JM, Robertson, R, Nagle E, Aaron DJ. *Differences in psychosocial factors according to physical activity levels in males and females*. American College of Sports Medicine Conference, Seattle, WA. **2009**
- Garcia JM*, **Rice DJ**, Aaron DJ, Nagle EF, Robertson RJ. *Association of physical activity and body dissatisfaction in young adults*. American College of Sports Medicine Conference, Indianapolis, IN. **2008**
- Rice DJ***, Aaron DJ, Garcia JM, Robertson RJ, Nagle EF. *Correlates of walking for exercise in a young adult population*. American College of Sports Medicine Conference, New Orleans, LA. **2007**
- Rice DJ***, Pober DM, Freedson PS. *Measuring physical activity in a free-living environment*. American College of Sports Medicine Conference, Indianapolis, IN. **2004**

STUDENT MENTORING

Florida Southern College

- Served as an academic advisor to an average of 30-40 students per semester, assisted students in the development of an academic plan and the selection of courses each semester. Held frequent one-on-one meetings with students during the academic year to discuss academic progress. **2016-2020**
- Faculty advisor to Exercise Science student team for the Southeast Chapter of the American College of Sports Medicine (SEACSM) student quiz bowl competition. **2018-2020**
- Faculty advisor for student honors research project examining the association between injury rates and proprioceptive abilities in college athletes. **2018-2019**
- Wrote an average of 5-10 recommendation letters per year for students applying to graduate programs in the health sciences. **2016-2020**

Curriculum Vita
David J. Rice, PhD
djrice27@gmail.com

Fitchburg State University

- Served as an academic advisor to an average of 20-30 students per semester, assisted students in the development of an academic plan and the selection of courses each semester. Held frequent one-on-one meetings with students during the academic year to discuss academic progress. **2011-2016**
- Faculty advisor to Exercise and Sports Science student team for the Northeast Chapter of the American College of Sports Medicine (NEACSM) student quiz bowl competition. **2012-2016**
- Faculty advisor for student honors research project examining the psychological and physiological effects on college students of ingestion of a commercial energy drink prior to exercise. **2014-2015**
- Wrote an average of 5-10 recommendation letters per year for students applying to graduate programs in the health sciences. **2011-2016**

University of Massachusetts-Lowell

- Served as a committee member on a doctoral dissertation committee. Title of dissertation: *“An Analysis of Physical Activity Knowledge, Motivators, and Self-Efficacy in an Undergraduate Wellness Course”* **2014-2016**

SERVICE

Florida Southern College, Lakeland, FL

- Honors Committee **2019-2020**
- School of Nursing and Health Sciences Faculty Affairs Committee **2018-2020**
- Chair of General Education Sub-Committee on Wellness **2017-2019**
- General Education Committee **2016-2019**

Fitchburg State University, Fitchburg, MA

- All University Curriculum Committee **2011-2012, 2015-2016**
- Chair of EXS Student Affairs Committee **2013-2016**
- EXS Curriculum Committee **2012-2016**
- Executive Planning Committee **2014-2015**
- Ruth Butler Scholarship Committee **2014-2015**
- Campus Safety Committee **2013-2014**
- Undergraduate Research Conference Committee **2012-2013**
- Institutional Review Board-Human Subjects **2011-2013**
- Chair of EXS Faculty Hiring Committees **2011-2013**

Service to the Profession

- Judge at the academic quiz bowl competitions at the Southeast Chapter of the American College of Sports Medicine (SEACSM) conference **2018-2020**
- Chair of a symposium session titled *“The Past, Present, and Future of Exercise Oncology: What We Know and Where to Next”* at the SEACSM conference in Jacksonville, FL **2020**
- Abstract submission reviewer for the SEACSM conference in Jacksonville, **2020**
- Abstract submission reviewer for the SEACSM conference in Greenville, SC. **2019**

Curriculum Vita
David J. Rice, PhD
djrice27@gmail.com

- Abstract submission reviewer for the SEACSM conference in Chattanooga, TN. **2018**
- Chair of a tutorial session on physical activity monitoring at the SEACSM conference in Chattanooga, TN. **2018**
- Abstract submission reviewer and judge for student research presentations at the 2015 New England chapter of the American College of Sports Medicine (NEACSM) conference in Providence, RI. **2015**
- Judge at the academic quiz bowl competitions at the NEACSM conference in Providence, RI. **2013-2015**
- Session moderator at the NEACSM conference in Providence, RI. **2015**

Manuscript Reviewer

- Journal of Physical Activity and Health
- Sustainability
- International Journal of Environmental Research and Public Health
- Journal of Strength and Conditioning Research

RESEARCH FUNDING

Title of Project: Effects of a Commercial Energy Drink on Endurance and Mood State.

Role: PI

Dates: 2015

Funder: Fitchburg State University

Award: \$9,000

Status: Complete

Title of Project: Association of Lipoprotein-Associated Phospholipase A₂ and C-Reactive Protein with Moderate-to-Vigorous Physical Activity in Middle-Aged Women.

Role: PI

Dates: 2008

Funder: DiaDexus company

Award: \$6800

Status: Complete

PROFESSIONAL AFFILIATIONS

- American College of Sports Medicine