

Student Research Symposium
December 8th, 2023

All Human Physiology students, faculty, and staff are encouraged to attend!

When: Friday December 8th 1:00 – 4:00PM

Where: Hemmingson Auditorium, Room 004

Student Presentation Schedule (approximate)

1:00PM

The Influence of Kinesiophobia on Ground Reaction Forces and Knee Kinematics in People post-ACL.

W. Smith, M. Braatz, M. Zhang, and C. Wutzke

1:15 PM

Effect of Visual and Audio Feedback on Perceived Running Fatigue and Running Biomechanics.

O. Feistner, A. Terterov, P. Schaps, M. Dreher, L. Freiermuth, H. Yeager, J.H. Zhang-Lea

1:30 PM

Effect of Potassium Supplementation on the Physiological Response to Altitude.

L. Nelson, C. Brownell, E. Rhoads, K. Weigel, K. Cook, and P. Crosswhite

1:45 PM

The Influence of Cold Temperature on Muscle Activation and Torque Production.

S. Castro, T. Kitchel, J. Rivera Perez, M. McCallum, L. Fortner, and C. Wutzke

2:00 PM

Effect of Deep Nasal Breathing Intervention on Short Term Memory.

J. McMurray, L. Barkhurst, J. Konovalov, W. Taylor, and D. Thorp

2:15 – 2:30PM **BREAK**

2:30 PM

The Influence of Auditory Stimulation on Movement Reaction Time.

M. Atkins, M. Ellingson, H. Randhawa, G. Riva, E. Stiffler, D. Young, and C. Wutzke

2:45 PM

Effect of Gait Retraining and Running Slope on Knee Valgus.

H. Hand, M. Etten, T. McGrew, K. Garbuz, J.H. Zhang-Lea

3:00 PM

The Effect of Adderall on Exercise Performance of Individuals with ADHD: An Examination of Sex Differences.

V. Axtell, M. Bonnema, C. Cibula, E. Gard, J. Green, and D. Thorp

3:15 PM

The Effect of a Simulated Moderate Hypoxic Environment on Interleukins 6 and 10 Plasma Levels.

M. Mattappally, S. Kwan, Y. Ejim, N. Stojanovic, and P. Crosswhite

3:30 PM

Effect of Warm-Up Intensity on Athletic Performance in Cold Environments.

M. Corrette, S. Sankar, M. Boxwell, and C. Wutzke.