

KATELYN CONROY

kconroy@miners.utep.edu

University of Texas at El Paso
500 West University Avenue
El Paso, TX 79968

EDUCATION

MS University of Nevada, Las Vegas, *Kinesiology and Nutrition Sciences* September 2021
Thesis: "Physiological and Mechanical Comparisons between Clipless and Flat Pedals"
Advisor: Dr. John Mercer
Relevant courses: Neurophysiology, Biomechanics, Research Techniques/Instrumentation, Independent Study in Interdisciplinary Health (MATLAB and Python)

BS University of Oregon, *Human Physiology* June 2017

AWARDS

Governor's Office of Economic Development Grant 2019-2021
Projects related to providing outreach to the community

Graduate Research Assistant 2019-2021
Collect data, provide assistance for other projects, write manuscripts, form industry relationships

RESEARCH EXPERIENCE

Thesis, University of Nevada, Las Vegas, NV Fall 2022
Advisor: Dr. John Mercer
• At-home participation study (COVID-19 restrictions)

Core Temperature Project, Las Vegas, NV 2019-2021
Research Assistant, Dr. John Mercer
• Manuscript writer/ editor
• Processing statistics
• Data collection (BodyCap, e-Celsius Core Temperature Pill)

EMG Project, Las Vegas, NV 2020-2021
Research Assistant, Dr. John Mercer
• Manuscript writer/editor
• Data collection (Cometa Surface EMG Systems)

TEACHING EXPERIENCE

University of Oregon, Eugene, OR May 2013 to Aug 2013

Teaching Assistant, Human Physiology Department

- Course grader, held office hours, formatted reviews for exams
 - Course: *Muscle Structure, Function and Plasticity*

University of Oregon, Eugene, OR

Sept 2012 to Aug 2013

Teaching Assistant, Human Physiology Department

- Lead exam reviews, course grader, held office hours
 - Course: *Biostatistics*

PUBLICATIONS

Journal Papers anticipated (to be published 2022)

Swafford, A., Conroy, K., Lim, B., and Mercer, J.A. *Swimming in Warm Water: Core temperature consequences of wearing a wetsuit?*

Lim, B, Swafford, A., and Conroy, K., and Mercer, J.A. *Shoulder Muscle Activity While Swimming with Different Wetsuit Conditions and Swimming Paces*

PRESENTATIONS

Norseman: Endurance Science Seminar, “*Swimming in Warm Water: Core temperature consequences of wearing a wetsuit*”, November 2020.

PROFESSIONAL AFFILIATIONS

Collaborative Institutional Training Initiative (CITI), 2019-Present
Certificate, IRB Certified

COMMUNITY SERVICE

Rock ‘n’ Roll Marathon
Equipment Check-In/ Storage, Las Vegas, NV, 2019

PeaceHealth Medical Group
Neurology Floor – re-stock cart supplies, clean empty rooms, scanning/faxing, Eugene, OR, 2014-2017