

Abstract #: 192

Abstract title: REINFORCEMENT LEARNING IN MOTOR SKILL ACQUISITION: USING A PSYCHOPHYSIOLOGICAL MEASURE TO UNDERSTAND THE MECHANISMS UNDERLYING BEHAVIOR ADAPTATION

FIRST NOTICE

Dear Mariane F. B. Bacelar, Keith Lohse, Matthew W. Miller:

Congratulations! The abstract identified above that was submitted for the 2022 NASPSPA conference has been accepted. More details on the format of your presentation (verbal or poster) will be made available shortly, along with details on the ways to format and submit your work for the conference and impending deadlines leading up to the conference.

As a reminder: Early bird registration ends March 15th. Make sure you register to take advantage of the early bird rates. www.naspspa.com/2022-annual-conference Book your hotel now, if you haven't already. There are only a few rooms left at the conference rate. www.naspspa.com/2022-annual-conference You may want to go ahead and book your flight to Kona as soon as you can. As you prepare for your travels, please visit the Hawaii Tourism Authority website to ensure you are properly prepared for traveling to Hawaii related to pandemic restrictions. www.hawaiitourismauthority.org

Don't forget to check out our [website](#) and follow us on [Facebook](#) and [Twitter](#) for the most up-to-date information.

Sincerely,

Mary Rudisill, Ph.D.
Past-President, NASPSPA

May 26, Session 3 – 1:00PM to 2:15PM

Motor Learning and Control Session 3: Virtual Reality		
Time	Presentation Title	Lead Author/Presenter
1:00PM	Attentional focus effects on movement variability in a virtual reality reaching task.	Charlend K Howard (Louisiana State University)
1:15PM	The effects of practicing in virtual reality on learning in the physical world	Andrew Shaw (University of Tennessee, Knoxville)
1:45PM	The effects of virtual reality practice on engagement and performance.	Joei Velten (University of Tennessee, Knoxville)
2:00PM	The effects of virtual reality practice on motivation and performance.	Logan Markwell (University of Tennessee, Knoxville)
2:15PM	Reinforcement learning in motor skill acquisition: using a psychophysiological measure to understand the mechanisms underlying behavior adaptation	Mariane F. B. Bacelar (Auburn University)

Sport & Exercise Psychology Session 3A: Participant Characteristics		
Time	Presentation Title	Lead Author/Presenter
1:00PM	Healthy lifestyles or exercise addiction? Understanding the experiences of lifestyle sports participants through the lens of heterotopias	Jacob Dinardi (San Francisco State University)
1:15PM	Fire in the belly: Psycho-behavioural factors influence athlete development when environmental factors are controlled	Clare MacMahon (La Trobe University)
1:30PM	Neuropathic pain experiences among Paralympic versus recreational athletes with spinal cord injury	Kendra Todd (University of British Columbia)
1:45PM	"Get off my wave!" - Social identity and its impact on (river) surfers' interactions with each other	V. Vanessa Wergin (University of Queensland/Technical University of Munich)
2:00PM	Effects of mental fatigue and message framing on physical activity effort discounting	Sheereen Harris (McMaster University)

Sport & Exercise Psychology Session 3B: Interventions & Experiments		
Time	Presentation Title	Lead Author/Presenter
1:00PM	Walk or Run to Quit: A five-year evaluation of a physical activity-based smoking cessation intervention	Kelly Wunderlich (University of British Columbia)
1:15PM	Making the 'MOST' out of your mHealth intervention: How to develop behaviour change interventions using the Multiphase Optimization Strategy	Megan MacPherson (University of British Columbia)
1:30PM	Feasibility and impact of a remote flow-based, moderate-intensity yoga intervention on executive functioning, during a pandemic, among working adults	Madhura Phansikar (University of Illinois, Urbana-Champaign)