



NATA RESEARCH & EDUCATION FOUNDATION FREE COMMUNICATIONS AWARDS

2022 ESTABLISHED CAREER



DANIEL CLIFTON, PHD, ATC

Consortium for Health and Military Performance

ABSTRACT TITLE

“Financial Impact of Embedded Injury Prevention Experts in U.S. Army Initial Entry Training”

KEY TAKE HOME MESSAGE:

Employing injury prevention experts in U.S. Army Initial Entry Training is associated with reduced sunk costs due to fewer soldiers being discharged from service early for musculoskeletal-related reasons. Continued employment of injury prevention experts will sustain their positive financial and operational impacts in the U.S. Army.

2022 EARLY-CAREER



DANIELLE TORP, PHD, ATC

University of Kentucky

ABSTRACT TITLE

“Immediate and Retention Effects of Auditory Biofeedback Gait Training on Biomechanics and Talar Cartilage Characteristics in Chronic Ankle Instability”

KEY TAKE HOME MESSAGE:

Auditory biofeedback during gait training medially shifts plantar pressure and center of pressure gait line in patients with chronic ankle instability. Clinicians can easily implement external biofeedback during gait training.

2022 POST-PROFESSIONAL TERMINAL DEGREE STUDENT



HOWON KIM, MS, ATC

Ohio University

ABSTRACT TITLE

“Action-Observation Brain Activity Associate with Kinesiophobia after Anterior Cruciate Ligament Reconstruction”

KEY TAKE HOME MESSAGE:

After ACLR kinesiophobia may affect drop vertical jump motor planning neural activation. Athletic trainers may consider interventions such as virtual reality immersion to target cognitive motor calibration and pain management in those with high fear of movement.

2022 POST-PROFESSIONAL ADVANCED CLINICAL TRACK STUDENT



KATIE ROSENTHAL, MS, AT, ATC

University of Toledo

ABSTRACT TITLE

“Transverse Abdominis Activity in Healthy Active Adults During Therapeutic Exercises”

KEY TAKE HOME MESSAGE:

Transverse abdominis (TrA) dysfunction has been linked to low back pain. Traditionally, clinicians use table-top activation methods to target the TrA, however, this study demonstrated effective, more functional positions for achieving activation. In turn, this gives clinicians options to move past the table and get their patients incorporating TrA activation into positions beyond supine.

2022 PRE-PROFESSIONAL/PROFESSIONAL STUDENT



KENTA MIZUMOTO

Ritsumeikan University

ABSTRACT TITLE

“A Mindfulness Breathing Exercise Program Improves Dynamic Postural Control in Collegiate Soccer Athletes with a History of Lateral Ankle Sprain”

KEY TAKE HOME MESSAGE:

A mindfulness breathing exercise program may improve dynamic postural control in collegiate athletes with a history of a lateral ankle sprain.