

Physical Therapy Research Symposium 2022

May 18, 2022, 4:00 PM, Virtual Format

[Please Click to RSVP for Zoom link](#)

Physical Therapy Program

Eugene Applebaum College of Pharmacy and Health Sciences

Wayne State University, Detroit, MI



Creative Approaches to Pediatric Assessment and Rehabilitation



Keynote Talk by:

Jill Heathcock, MPT, PhD

Associate Professor - Physical Therapy

Director – Infant Lab at Ohio State

The Ohio State University

Columbus, OH, USA.

<https://u.osu.edu/infantlab/director-dr-jill-heathcock/>

<https://www.researchgate.net/profile/Jill-Heathcock>

Abstract: Dr. Heathcock studies early motor development in infants and children who are at risk or identified as having a developmental disability. Her federally funded research focuses on development of targeted interventions for pediatric populations with cognitive and motor disability.

Student Research Presentations from Wayne State's Graduating Class of Doctor of Physical Therapy Students will follow the Keynote Talk. Please see list on Page 2, below.

Student Presentations

Breakout Room 1

Group	Title of Presentation	Faculty Mentors
Diaz, Konowalski, Meagher	Stress Levels and Availability of Resources for Graduate Students in Healthcare Professional Programs: A Pilot Study	Drs. Maher, Dickson
Ghamloush, Mrech, Bazzi,	Mitochondrial Rehabilitation: A Novel Therapy to Enhance Bioenergetics in Aged Muscle	Dr. Malek
Diehl, Storer, Yu	The Role of Listening to Music Pre-Task on Neuromuscular Fatigue: Preferred vs. Non-Preferred Music	Dr. Malek
Lipa, Wilbanks, Zmuda	The Impact of COVID-19 on Stress of Graduate Healthcare Professional Students	Drs. Dickson, Maher
Jarvie, Karski, Maasri, Smith	The Effect of Cold Therapy on Neuromuscular Fatigue	Dr. Malek
Abusalah, Billmeyer, Chapie, Hecker	Taking Community Engagement to the Next Level: Collaborative Care with a Virtual and In-Person Interprofessional Team Visit (IPTV)	Dr. Schiller

Breakout Room 2

Group	Title of Presentation	Faculty Mentors
Huizenga, Krotchen, Prieur, Siersema	Contributors to Compensated Turnout in College Dancers	Dr. Pepin
Dobbs, Jurczynsyn, Ling	The Step Test Evaluation for Performance on Stairs (STEPS): Validation and Reliability in Chronic Stroke	Drs. Fritz, Pardo, Moul
Burcicki, Magusin, Yankasky	Effect of Resistance Training on Articular Cartilage Health	Dr. Roche
Dantuluri, Dargis, Toal, Schlipphak	Grip Strength Measures as Biomarkers of Cognitive Decline in Young, Middle and Older Age Groups	Drs. Adamo and Fritz
Durbin, Katona, Nappo	NuStep Transit: effects of isometric ankle training with Visual Feedback in Individuals with Chronic Stroke	Dr. Pardo