DPT Research Day
July 11, 2024

PLATFORM PRESENTATIONS- TRACK A, SESSION 1
DCIH 104

1:30 - 1:40 Opening Remarks: Todd Sander PT, PhD, ATC

1:40 - 2:00 Interventions for Individuals with Anterior Canal Benign Paroxysmal Positional Vertigo: A Systematic Review
Presenters: Laura Datema, Ashlyn Dunham, Abigail Sarchet
Faculty Mentor: Bonni L. Kinne PT, DHSc

2:00 – 2:20 Learning to Stand in a Power Wheelchair Standing Device: A Scoping Review of Assistive Technology Training Approaches
Presenter: Jordyn Banks, Alyssa Misiak, Emily Rogers
Faculty Mentors: Lisa Kenyon PT, DPT, PhD, PCS; Health Sciences Liaison Librarian: Emily Metcalf, MLIS

PLATFORM PRESENTATIONS- TRACK B, SESSION 1
DCIH 102

1:30 - 1:40 Opening Remarks: Michael J. Shoemaker, PT, DPT, PhD

1:40 - 2:00 Feasibility and Reliability of the YMCA 3 Minute Step Test in Adults with Cystic Fibrosis
Presenters: Natalie Bradford, Bridgit Hammond, Taylor Miller
Faculty Mentors: Michael J. Shoemaker PT, DPT, PhD; Ashley Van Dam PT, DPT, CCS, Katelyn Preston PT, DPT, CCS

2:00 – 2:20 Assessment of Strength by Physical Therapists in the United States: Practices, Barriers, Priorities
Presenters: Caleb Story, Lisa Metzger, Kyryl Prisichenko
Faculty Mentor: Barbara J. Hoogenboom PT, EdD, SCS-Emeritus, ATC-Ret

2:20 - 3:50 POSTER PRESENTATIONS
Poster Presenters will be available to discuss their research and answer questions.

Poster #1: Biomechanical Comparison of Tennis Strokes Between Professional and Non-Professional Players: A Pilot Study
Presenters: Ashley Flores, Levi Harmon, Alec Walstra
Faculty Mentors: Yunju Lee PhD; Samhita Rhodes PhD

Poster #2: The Effectiveness of Pain Neuroscience Education on Craniomandibular Dysfunction: A Systematic Review
Presenters: Kevin Slowik, Emily Bullinger, Andrew Mettler
Faculty Mentor: Corey Sobeck PT, DScPT, OCS, OMPT

Poster #3: Physical Therapy Interventions for Treatment of Post-Concussive Headache: A Systematic Review
Presenters: Katelyn Bonhaus, Mikayla Johnson, Miranda Rudnick
Faculty Mentors: Corey Sobeck PT, DScPT, OCS, OMPT; Health Sciences Liaison Librarians: Betsy Williams, MLIS, Emily Metcalf, MLIS
Poster #4: Return to Play Decision Making of First and Third Year DPT Students: A Pilot Study to Assess DPT Program Curricular Content  
Presenters: Julia Adams, Connor McGee, Steven McGraw  
Faculty Mentor: Todd Sander PT, PhD, AT-Ret

Poster #5: Prevalence of Low Energy Availability in U.S. Collegiate Athletes: A Systematic Review  
Presenters: Kelsey Seifferlein, Ally Kennedy, Sarah Sibole  
Faculty Mentor: Laurie Stickler PT, DHS, OCS

Presenters: Victoria Bower, Jordyn Bowman, Mackenzie Ralston  
Faculty Mentors: Jon Rose PT, MS, SCS, ATC; Erika Flanigan BS, RDMS, RVT, RMSKS; Stephanie Oakes PT, MS; Miriam Teft MBA, RDMS, RVT

Poster #7: Therapeutic Dry Needling for Lower Extremity Musculoskeletal Pathology and Its Effects on Functional Outcomes: A Systematic Review  
Faculty Mentor: Barbara J. Hoogenboom PT, EdD, SCS-Emeritus, ATC-Ret

Poster #8: Exploring the Positive Impact of Strategies to Increase Underrepresented Minorities in US Rehabilitation Education Programs: A Systematic Review  
Presenters: Molly Fagan, Juliana Lebeda, Kierra Washington  
Faculty Mentors: Brianna Chesser PT, MPT, EdD; Todd Sander PT, PhD, ATC; Health Sciences Liaison Librarian: Emily Metcalf, MLIS

Poster #9: The Effect of Scoliosis Spinal Fusion on Patient Reported Pain and Quality of Life Outcomes  
Presenters: Michael Blake, Cole Grant, Haven Hill  
Faculty Mentor: Yunju Lee PhD

Poster #10: Physical Therapy Approach Following a Spontaneous Spinal Epidural Hematoma: A Case Report  
Presenter: Sierra Starr  
Faculty Mentor: Mary Green PT, MS, JD

PLATFOM PRESENTATIONS- TRACK A, SESSION 2
DCIH 104

3:50 – 4:10 Exploring Learning Outcomes Through The Use Of Gamified Powered Mobility In Children: A NIH Funded Clinical Trial  
Presenters: Elizabeth Clark, Sophie Kincaid, Sydney Leatherberry, Cailyn Quinn  
Faculty Mentors: Lisa Kenyon PT, DPT, PhD, PCS; John Farris PhD, Sango Otieno PhD

Presenters: Samantha Kaspala, Alicia Mihelic, Hailey Kelly, Josilyn Grotenhuis  
Faculty Mentor: Lisa Kenyon PT, DPT, PhD, PCS

4:30 – 4:50 Tiny Drivers, Big Decisions: Caregiver Perspectives of the Permobil® Explorer Mini and a Modified Ride-On Car: A Qualitative Study  
Presenters: Lauren Beers, Jessica Doty, Amberlyn Erlenbeck  
Faculty Mentor: Lisa Kenyon PT, DPT, PhD, PCS

4:50 – 5:00 Closing Remarks: Todd Sander PT, PhD, ATC
3:50 – 4:10  The Physical Therapy Management of A 40-Year Old Patient With A Grade 2 Hamstring Strain Resulting from a Slalom Water Skiing Accident  
Presenter: Patrick McGettigan  
Faculty Mentor: Michael J. Shoemaker PT, DPT, PhD

4:10 – 4:30  Physical Therapists’ Perception of Dry Needling: A Qualitative Study  
Presenters: Alexis Dugan, Adam Smith, Brayden Curtis  
Faculty Mentors: Jon Rose PT, MS, SCS, ATC; Stephanie Oakes PT, MS

4:30 – 4:50  Conservative management of chronic ACNES in the context of a cash-based private Physical Therapy Practice: A Case Report  
Presenter: Erick Hernandez-Morales  
Faculty Mentor: Brianna Chesser, PT, MPT, EdD

4:50 – 5:00  Closing Remarks: Michael J. Shoemaker, PT, DPT, PhD