

**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
- Poster #6** *Identification of Myofascial Trigger Points: A Method Comparison Study Determining Agreement Between Manual Palpation and Ultrasound Imaging*  
 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*  
 Presenters: Luke DeLong, Shannon Hanes, Kesley Vostad  
 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

**PLATFORM 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
- 4:10 – 4:30** *Skills on Wheels At Home -- Building Essential Manual Wheelchair Skills For Children: A Case Series*  
 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

**PLATFORM PRESENTATIONS- TRACK B, SESSION 2**

**DCIH 102**

- 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