ENHP Day 2014 Department of Rehabilitation Sciences Group Research Projects

Physical Therapy and Prosthetics and Orthotics Programs

Development of Trunk Stability (DOTS)

*Front Row:* Danielle Smith, Chelsea Medeiros, Sandra Saavedra (faculty), Carolina Souza Neves Da Costa (faculty)
*Back Row:* Nicole Kelleher, Stephanie Curcio, Sarah Berkowitz

Best evidence exercise for improving health and function in children with cerebral palsy

*Front Row:* Ilicia Mathis, Miranda Wallace, Mary Gannotti (faculty)
*Back Row:* Bryan Lilley, George Gorton, Jason Harnett

Distal end limb pressure within a trans-tibial socket: Measured vs. perceived

Ryan Pane, Cassie Gorman, Duffy Felmlee (faculty), Melissa Benedetti, Matt Parente (faculty), Michael Wininger (faculty)
Scapula Dyskinesis

*Front Row:* John Leard (faculty), Caitlyn Hauswirth, Greg Anderson, Eric Sokolowski  
*Back Row:* Anna Zyla, Cricket Medbery, Liat Avital

Human gait simulator for clinical ankle-foot torque measurement

*Front Row:* Alexandra Davis, Katherine Cutugno, Carolyn Kauert  
*Back Row:* Paul Bartoo, David Knapp (faculty), Thomas Delaroche, Edgar Rodriguez

Evaluating M-Score: Assessing effectiveness and efficiency of a clinical mobility scoring system

*Front Row:* Linsey Neglio, Amy Lawrence, Chelsea Miller, Julie Riley  
*Back Row:* Ryan Ebert, Mark Reynolds, Walt Gorack (faculty), Kevin Ball (faculty)  
*Missing:* Catherine Certo (faculty)

The effect of ultrasound and stretching on shoulder range of motion

*Front Row:* Paul Higgins (faculty), Samuel Min  
*Back Row:* Warren Roderick, Justin Maurizio, Ian Brokaw, Keith Chittenden
Prosthetic training across borders

*Front Row*: Diana Veneri (faculty), Corie Sigan, Serena Liu, Alyssa Schmidt, Michael Liguore
*Back Row*: Adam Goodworth (faculty), Meaghan Battige, Denise Dwamina, James Cook, Erika Jackson, Patrick McCallum

The Hartford Hand

Joseph Cassella, Casey Beasley, Derek Becker, Michael Wininger (faculty) Stephen Sousa

Stability in Trunk with Cerebral Palsy (SITwithICP)

*Front Row*: Kerian Duncan, Danielle Bellows, Sara Lefkowitz, Sandra Saavedra (faculty), Carolina Souza Neves Da Costa
*Back Row*: Andres Mazo, Andrea Kaminski, Leah Raitt, Ryan Carew,

All Rehabilitation Sciences group research presentations took place in Auerbach Auditorium. Each group had approximately 15 minutes to describe their research and answer questions from the audience. Pictured at left is the group presenting *The effect of ultrasound and stretching on shoulder range of motion*. Ian Brokaw is at the microphone.