

SAVE THE DATE:

Invitation to the 12th Annual Grand Valley State University Doctorate in Physical Therapy Research Day

The GVSU Physical Therapy Faculty and DPT Graduating Class of 2018 cordially invite you to attend **Annual DPT Research Day** to be held on **Friday, July 13th, 2018** (8:30-4:00 pm) at Loosmore Auditorium, GVSU Downtown DeVos Campus.

Please join us as our DPT Graduating Class 2018 shares their research with the community and our clinical partners.

Below is a summary of the program schedule with times and titles of the presentations. We invite you to attend all or part of the day as your schedule allows. Research Posters will be on display all day.

We appreciate your ongoing support for our students and our program.

We are pleased to announce that GVSU will offer CEU's for this event.

DPT Research Day July 13, 2018

Session Schedule

8:30 - 8:40 Opening Remarks: Cathy C. Harro, PT, DPT, MS, NCS

Platform Presentations - Session I

8:40 - 9:00 *Power Mobility Training Using a Modified Head Array Device with a Five-Year-Old Child with Cerebral Palsy: A Case Report*
Presenters: Krista Guinther, Rebecca Kuster, Kirsten Racinski
Faculty Mentor: Lisa K. Kenyon, PT, DPT, PhD, PCS

9:00 - 9:20 *Power Mobility Training for a Toddler with Arthrogryposis: A Case Report*
Presenters: Alyssa Chapman, Kelly Gotberg, Cathryn Hoffman
Faculty Mentor: Lisa K. Kenyon, PT, DPT, PhD, PCS

9:20 - 9:40 *The Effect of Daily Fatigue on Balance in Individuals with Multiple Sclerosis: Preliminary Findings*
Presenters: Amanda Borieo, Kahley Emens, Addie Ingles
Faculty Mentor: Barbara Baker, PT, PhD, NCS

9:40 - 10:00 *Clinical Instructors' Perceptions of DPT Student Behaviors During Clinical Education*
Presenters: Andrew Fila, Leslie Kempers, Aimee Sudek
Faculty Mentors: Karen Ozga, PT, DPT, MMSc; Lisa K. Kenyon, PT, DPT, PhD, PCS

80 minutes

10:00 - 11:00 ***Poster Presentations - Atrium***

Poster Presenters will be available to discuss their research and answer questions.
Refreshments available in the foyer.

Poster #1: *The Influence of Conservative Interventions in the Management of Piriformis Syndrome: A Systematic Review*
Presenters: Josh Nagel, Kyle Suminski, Kyle Wesche
Faculty Mentor: Dan Vaughn, PT, PhD

Poster #2: *Management of a Male Soccer Player with Femoro-acetabular Impingement with Emphasis on Sport-Specific Intervention: A Case Report*
Presenter: Nicholas Manzer
Faculty Mentor: Laurie Stickler, PT, DHS, OCS

Poster #3: *Influence of Therapeutic Neuroscience Education on Pain and Functional Outcome Measures in Patients with Fibromyalgia*
Presenters: Austin Cammire, Steven Hartong, Camille Lutz
Faculty Mentor: Dan Vaughn, PT, PhD

Poster #4: *Assessing the Intra-Rater Reliability of the Plug-in Gait and Oxford Foot Models during Treadmill Running*
Presenters: Tracy Broomell, Jaycie Littley, Brady Smith
Faculty Mentor: Gordon Alderink, PT, PhD

Poster #5: *The Effects of Footwear on Postural Sway in Community Dwelling Older Adults*
Presenters: Kristi Cekander, James Clark, Laura Subject
Faculty Mentor: Meri Goehring, PT, PhD, GCS, CWS

Poster #6: *Effectiveness of Visual Scanning Training at Reducing the Effects of Left Neglect: A Systematic Review*
Presenters: Anna M. Bennison, Kelly J. Rohde, Lindsey D. Timmer
Faculty Mentors: Barbara Baker, PT, PhD, NCS; Bonni L. Kinne, PT, DHSc

Poster #7: *Three Dimensional Analysis of Dynamic Balance During Obstacle Crossing and Walking at Self Selected Speed in Individuals with Parkinson's Disease*
Presenters: Michele Avery, Courtney Daman, Dori Laker
Faculty Mentor: Gordon Alderink, PT, PhD

Poster #8: *Comprehensive Physical Therapy Management of Chemotherapy-Induced Peripheral Neuropathy: A Case Report*
Presenter: Michael C. Sanders
Faculty Mentor: Mary Green, PT, MS, JD

60 minutes

Platform Presentations—Session II

11:00 - 11:20 *Post-Concussion Physical Therapy Evaluation and Treatment: Comparing and Contrasting to Current Clinical Practice Guidelines: A Case Report*
Presenter: Erica Little
Faculty Mentor: Brianna Chesser, PT, MPT

11:20 - 11:40 *Physical Therapist Determination of Discharge Disposition in the Acute Care Setting*
Presenters: Amanda Gutowski, Megan Mallgren, Laura Oliver
Faculty Mentor: Michael J. Shoemaker, PT, DPT, PhD, GCS

11:40 - 12:00 *Discharge Recommendation Clinical Decision Making for a 51-Year-Old Male with a Tibial Plateau Fracture: A Case Report*
Presenter: Nathan Paul
Faculty Mentor: Barbara J. Hoogenboom, PT, EdD, SCS, ATC

60 minutes

Lunch Break (on your own)

Platform Presentations—Session III

1:15 - 1:35 *A Comparison of EMG Activation in Shoulder Girdle Musculature during Open and Closed-Handed Grip External Rotation Elastic Resistance Exercises*
Presenters: Haley Dekkinga, Kate Huyser, Ellen Miller
Faculty Mentor: Barbara J. Hoogenboom, PT, EdD, SCS, ATC

1:35 – 1:55 *Treatment of Myofascial Trigger Points*
Presenters: Dustin Karlik, Katie Partyka, Noah Reyhl
Faculty Mentor: Jon Rose, PT, MS, SCS, ATC

1:55 - 2:15 *Development and Pilot of the Runner's Health Choices Questionnaire (RHCQ)*
Presenters: Alexandra Arnold, Shelby Myers, Madeleine Sampson
Faculty Mentor: Laurie Stickler, PT, DHS, OCS

2:15-2:35 *Survey Research of Physical Therapists' Perceived Knowledge and Beliefs of Return to Learn following a Concussion*
Presenters: Tracey Allers, Chelsea Bartlett, Jena Brown
Faculty Mentor: Jon Rose, PT, MS, SCS, ATC

80 minutes

2:35- 2:50 **Afternoon Break**

Platform Presentations-Session IV

2:50 - 3:10 *Somatic Tinnitus and Manual Therapy: A Systematic Review*
Presenters: Linnea C. Bays, Kara L. Fahlen, Jillian S. Owens
Faculty Mentor: Bonni L. Kinne, PT, DHSc

3:10 - 3:30 *Clinical Reasoning Patterns of Physical Therapists in the Treatment of Cervicogenic Headache*
Presenters: Cameron Faller, Ian Heinicke, Amanda Kushba
Faculty Mentor: Corey Sobeck, PT, DScPT, OCS, OMPT

3:30-3:50 *An Investigation of the Clinical Reasoning Patterns of Physical Therapists for Identifying Indications and/or Contraindications for Cervical Spine High Velocity/Thrust Joint Manipulation in Patients with Neck Pain*
Presenters: Kathryn Collins, Kelsey Galuardi, Kayla Sahr
Faculty Mentors: Corey Sobeck, PT, DScPT, OCS, OMPT

3:50-3:55 **Closing Remarks**
Michael J. Shoemaker, PT, DPT, PhD, GCS

60 minutes

Total minutes: 340 minutes = 5.66 hours so 5.5 hours for continuing ed credits.