

DPT's 12th SYMPOSIUM

SCHOOL OF PHYSICAL THERAPY RESEARCH

PHYSICAL THERAPY STUDENT AND FACULTY REHABILITATION RESEARCH

EVENT INFORMATION

Where:

Medical Science Building
448 Werth Blvd

When:

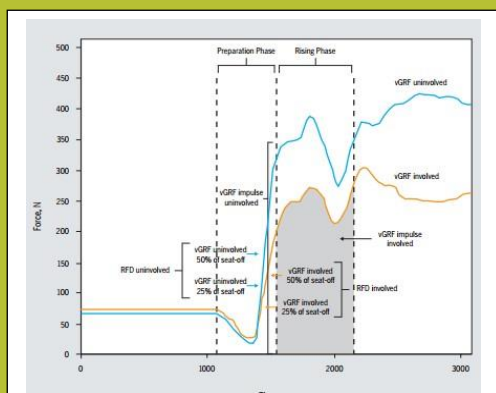
Wednesday,
May 14, 2025 @
5:30PM-7:30PM

Who's Invited:

GFU students, faculty and members of
the community

Keynote Speaker:

Dr. Kevin Sellars, MD



RESEARCH PROJECTS

1. Assessing the Reliability and Clinical Utility of a Tensiometer Compared to Isokinetic Dynamometry and Manual Muscle Testing in Young Adults.

Advisors: Dr. Miller & Dr. Philbrook

2. Hop To It: Biomechanical Correlations of Vertical and Horizontal Hopping with Running

Advisors: Dr. Klein & Dr. Hilliard

3. Can BFR Increase Arm Strength and Size in Recreationally Active Adults?

Advisor: Dr. Brumitt

4. Humans vs. AI: Determining physical therapy diagnosis in simple, moderate and complex patient cases

Advisors: Dr. Dobler & Dr. Jacobson

5. Influences of Lower Limb Strength and Rate of Torque Development on Recovery from a Backwards Balance Loss

Advisor: Dr. Stutzenberger & Dr. Haberly

6. The Relationship Between Floor Transfer Ability and Clinical Outcome Measures in Older Adults

Advisor: Dr. Stutzenberger & Dr. Whited

7. Is There a Relationship Between Hip Strength and Pelvic Floor Dysfunction for Active Females?

Advisor: Dr. Swake

8. Grant Project: Does isoperception exist in the lower extremities during loading?

Advisors: Dr. Meszaros

9. Grant Project: Can real-time haptic cuing assist with self-regulation of knee position during gait?

Advisors: Dr. Meszaros

10. Motor learning of kinematic and dynamic ankle control in young adults, effects on gait and balance

Advisors: Dr. Burgos

11. Influences of ankle strength and power on gait characteristics and clinical outcomes in healthy older adults

Advisors: Dr. Johnson & Dr. Haberly



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