



APTA Combined Sections Meeting

San Antonio, Texas
Feb. 15-18, 2017

Department of Physical Therapy & Rehabilitation Science PhD Program

Thursday, Feb. 16:

8:29 a.m. - 8:42 a.m.

Geriatrics Platform Presentation

"Using the rasch model to investigate a suggested cut-off score of the berg balance scale (BBS)"

Authors: P. Sood; S. Romero

Presenter: Pallavi Sood

1:00 p.m. - 3:00 p.m.

Research Poster Presentations- Health Policy and Administration

"Barriers to the implementation of the physicians quality reporting system in outpatient physical therapy practices"

Authors: W. McGehee

Presenter: William McGehee

Research Poster Presentations - Research

"Preliminary investigation of trunk muscle involvement in duchenne muscular dystrophy using magnetic resonance imaging"

Authors: A. Barnard; D. Lott; R. Willcocks; S. Forbes; W. Triplett; A. Batra; B. Smith; K. Vandenborne; G. Walter

Presenter: Alison Barnard

Research Poster Presentations - Sports Physical Therapy

"Neuromuscular function after sports concussion: Implications for injury risk and rehabilitation"

Authors: T.L. Chmielewski; D.F. DuBose; D.C. Herman; J.R. Clugston; M. Horodyski; C. Mattson

Presenter: Terese Chmielewski

Research Poster Presentations - Orthopaedics

"Treatment modifications in the physical therapy management of a patient with chronic low back pain and signs and symptoms of centralized pain: A case report"

Authors: E. Ruppal; S. Wickham; J. Bialosky

Presenter: Estey Ruppal

"The relationship between psychosocial risk factors and playing time Lost due to musculoskeletal dysfunction in division 1 college softball athletes: A pilot study."

Authors: G. Zeppieri; K.M. Davis; M.W. Moser; K.W. Farmer; S. George

Presenter: Giorgio Zeppieri

3:45p.m. - 4:00 p.m.

Orthopaedics Platform Presentation

"Biopsychosocial-oriented phenotyping of chronic low back pain"

Authors: C.B. Simon; C.W. Gay; M. Bishop; S. George

Presenter: Corey B. Simon

7:00 p.m. - 9:00 p.m.

**Department of Physical Therapy
Alumni & Friends Reception
Hilton Palacio del Rio, Salon del Rey C**

Friday, Feb. 17:

8:50 a.m. - 9:04 a.m.

Neurology Platform Presentation

"Thinking about walking: functional neuroimaging demonstrates increased demand for executive control of walking in adults with mobility deficits"

Authors: K. Hawkins; E. Fox; J. Daly; D. Rose; E. Christou; D. Otzel; K. Butera; S. Chatterjee; D. Clark

Presenter: Kelly Hawkins

11:48 a.m. - 12:00 p.m.

Sports Section Platform Presentation

"Preseason weight-bearing symmetries differ in athletes sustaining lower extremity injury during the competitive season"

Authors: D. Jones; S.M. Tillman; M. Moser; K.W. Farmer; T.L. Chmielewski

Presenter: Debi Jones

12:30 p.m. - 12:45 p.m.

Cardiovascular and Pulmonary Platform Presentation

"Improved diaphragm descent in children with Pompe disease following intramuscular gene therapy"

Authors: B. K. Smith; J. Marcus; L.A. Lawson; S. Islam; M. Corti; S. Collins; B.J. Byrne

Presenter: Barbara K. Smith

12:40 p.m. - 1:00 p.m.

Women's Health Platform Presentation

"Women with fibromyalgia demonstrate reduced pain inhibition capacity compared to pain-free controls."

Authors: C.B. Simon; N.R. Eckert; J. Riley III

Presenter: Corey B. Simon

1:00 p.m. - 3:00 p.m.

Research Poster Presentations - Education

"Optimal timing of an interprofessional team experience in a physical therapy curriculum"

Authors: M. Schiller; S. Gilkey; J. Mendez; K. Dunleavy

Presenter: Martha Schiller

Research Poster Presentations - Neurology

"Quantifying the perceived challenge of walking after stroke by measuring sympathetic activation: A pilot study"

Authors: S. Chatterjee; D. K. Rose; E. Porges; E. Fox; J. Daly; E. Christou; D. Otzel; K. Butera; D. Clark

Presenter: Sudeshna Chatterjee

"Re-assessing the use of ankle-foot orthoses in individuals with chronic stroke impairments: Is the initially-prescribed orthotic still warranted?"

Authors: C. Conroy; J. Howarth; A. Vistamehr; R.R. Neptune; E.J. Fox

Presenter: Christy Conroy

"Backward walking training to improve walking speed and balance confidence in an individual with chronic stroke: A case report"

Authors: D.K. Rose; J. Howarth; S. George; C. Patten

Presenter: Dorian Rose

Research Poster Presentations - Orthopaedics

"Psychologically informed physical therapy: describing treatment monitoring for high risk low back pain"

Authors: J. Beneciuk; S. George

Presenter: Jason Beneciuk

"Injuries and healthcare seeking behaviors of United States rock climbers: A survey study"

Authors: J.B. Candler; S. George

Presenter: Jason B. Candler

"The effect of lower extremity strengthening and flexibility on pitching biomechanics in pitchers with upper extremity injuries: A case series"


Authors: A. Perry

Presenter: Alexandra Perry

"Use of orthopaedic manual therapy and therapeutic exercise treatment of dizziness with cervicogenic headache"

Authors: A. Nogueras; T. Harrison; J. Beneciuk

Presenter: Antonio Nogueras



"The last encounter: diagnostic examination and management of a patient with abdominal pain"

Authors: L. Clark; J. Beneciuk; R. Rowe

Presenter: Lauren Clark

3:00 p.m. - 5:00 p.m.

Research Section Education Session

"Triggering plasticity to improve rehabilitation outcomes after neurologic injury"

Presenters: Catherine Lang, Gordon Mitchell, Randy Trumbower

4:00 p.m. - 4:12 p.m.

Acute Care Platform Presentation

"Predictive tools in inpatient disposition outcomes: A pilot study for hip and knee arthroplasty patients"

Authors: K.E. Zeppieri; K.A. Butera; H. Parvataneni; D. Iams; S. George

Presenter: Kathryn E. Zeppieri

6:30 p.m. - 9:00 p.m.

APTA Academy of Neurologic PT Post Professional Student
Research Award Presented to:

Kelly Hawkins

Grand Hyatt San Antonio, Lone Star Salon E

7:30 p.m. - 9:00 p.m.

James A. Gould Excellence in Teaching Orthopaedic
Physical Therapy Award Ceremony Presented to:

Joel Bialosky

Grand Hyatt San Antonio, Texas Salon B

Saturday, Feb. 18:

8:15 a.m. - 8:30 a.m.

Orthopaedics Platform Presentation

"Prolonged reduction in shoulder strength after transcutaneous electrical nerve stimulation treatment of exercise-induced acute muscle pain"

Authors: K.A. Butera; S. George; P.A. Borsa; G.C. Dover

Presenter: Kate A. Butera

8:45 a.m. - 9:00 a.m.

Orthopaedics Platform Presentation

"Consistency of factor structure and psychological subgroups for the OSPRO-yellow flag assessment tool"

Authors: T.A. Lentz; J. Beneciuk; S. George

Presenter: Trevor A. Lentz

11:36 a.m. - 11:50 a.m.

Neurology Platform Presentation

"Desensitization of paretic limb sensory input contributes to gait dysfunction post-stroke"

Authors: V. Little; C. Patten

Presenter: Virginia Little

1:00 p.m. - 3:00 p.m.

Research Poster Presentations - Orthopaedics

"Trigger point dry needling for a patient presenting with plantar fasciitis following surgical removal of a stieda process and stabilization of a talar fracture: A case study"

Authors: M. Hazlett; J. Bialosky

Presenter: Margaret Hazlett

"Movement and sustained functional activity neck pain ratings: A useful addition to measure improvement?"

Authors: K. Dunleavy; C. Gay; M. Bishop

Presenter: Kim Dunleavy

Research Poster Presentations - Pediatrics

"A pilot study for mild to moderate intensity resistance exercise in boys with duchenne muscular dystrophy"

Authors: D.J. Lott; K. Cooke; H. Park; B. Black; S.C. Forbes; B.J. Byrne; G.A. Walter; K. Vandenborne

Presenter: Donovan J. Lott

Research Poster Presentations - Neurology

"Acute intermittent hypoxia: Effects on diaphragm activation and respiratory function in an individual with spinal cord injury"

Authors: E.J. Fox; A. D'Alessandro; T. Sutor; A. Kerwin; H. Weiss; G. Jacobs; K. Maher; M. Hoefnagel; G.S. Mitchell; D. Fuller

Presenter: Emily Fox

"Examination of vestibulo-ocular dysfunction and recovery in adolescent and collegiate athletes post-concussion: A case series"

Authors: K. Stone; D.L. Lott; S. Sutton

Presenter: Kelly Stone

