



SAN DIEGO STATE
UNIVERSITY

You are cordially invited to attend the:
Annual Doctoral Project Seminar
For the SDSU Doctor of Physical Therapy Program

Thursday, May 14, 2020

2:00- 6:00 PM

Zoom Conferencing Platform:

<https://SDSU.zoom.us/j/99204597602?pwd=YnZrU0RlcGZHQUw3YVUyc1VPNTThrZz09>

Meeting ID: **992 0459 7602**

Password: **173609**

Course Description:

Presentation of Doctoral Projects completed by third year Doctor of Physical Therapy students from San Diego State University and their mentors.

Learning Objectives:

- Review and discuss current research being conducted at San Diego State University, Doctor of Physical Therapy program.
- Interpret research findings in context of intervention or methodologies used and related literature.
- Evaluate how the evidence presented may be translated into practice.
- Propose future research collaborations between clinical settings and SDSU.

Instruction Method: Lecture with Q & A

.3 CEU's Approved by CPTA # (Pending)

Course Schedule: 2:00 PM- 6:00 PM

Time	Group	Title	Doctoral Project Chair
2:05-2:25	1	Fitness-to-drive assessments in Huntington's disease: A systematic review	Harsimran Baweja, PT, PhD Associate Professor, SDSU Doctor of Physical Therapy program. Dr. Baweja studies urban mobility in aging, cognitive impairment, and movement disorders. He's been a physical therapist for 15 years.
2:30-2:50	2	Twelve weeks of overground bionic ambulation with FES in individuals with SCI: A case series	Antoinette Domingo, PT, PhD Associate Professor, SDSU Doctor of Physical Therapy Program. Dr. Domingo studies how to use technology to improve health and movement of people with physical disabilities. She has been a PT for 20 years.
2:55-3:15	3	The association between fear of movement, pain catastrophizing and movement behavior in people with low back pain: a case series	Sara P. Gombatto, PT, PhD, Associate Professor, SDSU Doctor of Physical Therapy program; A physical therapist of 20 years, Dr. Gombatto has been studying posture and movement in people with musculoskeletal pain for over 15 years. Recently, she has been using mobile sensor technologies to study posture, movement, and loading in an ecological setting.
3:20-3:50	4	Factors predicting non-adherence to physical therapy referral for spine pain in a federally qualified health center	Katrina S. Maluf, PT, PhD Professor of Physical Therapy, SDSU Doctor of Physical Therapy program. Dr. Maluf directs the Applied Neuromuscular Physiology Lab at SDSU. Her research program over the past 15 years has focused on better understanding the neurophysiologic mechanisms, prevention, and management of chronic pain.
10 min Break			
4:00-4:20	5	The relationship between perfectionism and running-related injury in high school runners	Mitchell J. Rauh, PT, PhD, MPH, FACSM Professor and Founding Program Director for the Doctor of Physical Therapy Program at SDSU. He is also the Director of the SDSU Running and Sports Injury Prevention Research laboratory, and a Co-Principal Investigator of Project SPIRIT (Sports Injury Research in Teens). Dr. Rauh has published over 50 peer-review papers on risk factors in high school running and military populations, sports injury epidemiology and issues related to the female athlete triad.
4:25-4:45	6	Comparison of Blood Flow Restriction Devices and Their Effect on Quadriceps Muscle Activation	Michael D. Rosenthal, PT, DSc Associate Professor, SDSU Doctor of Physical Therapy Program. Dr. Rosenthal has over 25 years of clinical experience and his research interests are in the evaluation and rehabilitation of extremity injuries.
4:50-5:00	7	Characteristics of responders and non-responders to resistance training and biofeedback in patients with fecal incontinence.	Lori J. Tuttle, PT, PhD Associate Professor, SDSU Doctor of Physical Therapy Program. She has been a PT for over 15 years and has experience investigating the effects of exercise on muscle. Her current work is focused on exercise effects in pelvic health.