

California State University, Fresno
Department of Physical Therapy
presents our

*1st Annual Doctor of Physical Therapy
Evidence Based Research Symposium*

Presented by students from our first graduating class of the
Doctor of Physical Therapy
at California State University, Fresno

Thursday, March 5, 2015
5:00 p.m. – 9:00 p.m.
Henry Madden Library
California State University, Fresno

Program

- 5:15 p.m. – 7:30 p.m.** DPT Student Presentations
Locations: HML Rooms 2206, 2108, 3212 and Pete P. Peters Ellipse Balcony Gallery
- 7:30 p.m. – 8:30 p.m.** DPT Symposium Reception
Location: 2nd Floor of Henry Madden Library
- Welcome Speaker:** Dr. Jody Hironaka-Juteau,
interim Dean, College of Health and Human Services
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Congratulations to the Doctor of Physical Therapy Class of 2015!

Brynne Altamirano
Souren Avanesian
Rosalie Avila
Jessica Barrows
Sarada Bird
Clarissa Carbullido
Nicholas Carlsen
Chelsea Cates
Jeffrey Chan
Rebeka Garcia
Amandeep Gill
Jessica Gonzalez

Julian Harris
Desiree Hoyum
Brent Jensen
Owen Johnston
Elaine Keith
James Kuo
Kelvin Lam
Jeffrey Mueller
Mike Ochoa
Michael Ormonde

Kevin Ousey
Jason Prestosa
Therese Ruffin
Derek Strong
Audrey Tan
Jessica Thompson
Ashley Van Artsdalen
Miguel Vargas
Leng Yang
Matthew Zeldin



Neuro track Room
Henry Madden Library Room 2206, Second Floor
Seats 99

Session I

Moderator: Dr. Peggy R. Trueblood, PhD, PT

- 5:15 p.m. – 5:30 p.m. **Rebeka Garcia**
Fall Incidence and the Use of Psychotropic, Opioid, or Cardiovascular Medications.
- 5:30 p.m. – 5:45 p.m. **Amandeep Gill**
The Identification of Fall Risk on the mCTSIB Through Instrumentation with Wearable Inertial Measure Unit.
- 5:45 p.m. – 6:00 p.m. **Elaine Keith**
The effectiveness of physical activity on improving balance, coordination, and overall motor proficiency in children diagnosed with attention deficit hyperactivity disorder: a meta analysis.
- 6:00pm – 6:15pm **Ashley Van Artsdalen**
Balance Control during Common Rehabilitation Exercises in Obese Females.
- 6:15 pm – 6:30 pm **Intermission**

Session II

Moderator: Dr. Monica Rivera, PT, MS, DPTSc

- 6:30pm – 6:45pm **Brynne Altamirano**
The effects of plantar sensory impairment on gait and mobility performance among individuals with and without fall risk in a community dwelling older adult population.
- 6:45pm – 7:00pm **Souren Avanesian**
The Relationship between Footwear, Somatosensory Status and Performance of Key Components of Static and Dynamic Balance as Measured by Inertial Measurement Units (IMUs).
- 7:00pm – 7:15pm **Jessica Gonzalez**
Idiopathic Toe Walking in Healthy Children and the Odds of a Functional or Mechanical Gastrocnemius Complex Restriction: A systematic review and meta-analysis.
- 7:15pm – 7:30pm **Jessica Thompson**
In Children Presenting with Idiopathic Toe Walking, Does Short-Term Serial Casting Make Meaningful Improvements in Ankle Range of Motion and Gait?

Upper Extremity
Henry Madden Library Conference Room 2108, Second Floor
Seats 24

Session I

Moderator: Dr. Jenna Sawdon-Bea, PhD, PT

- 5:15 p.m. – 5:30 p.m. **Desiree Hoyum**
For patients with subacromial impingement syndrome, in combination with other physical therapy interventions are eccentric exercises more effective in decreasing pain than concentric exercises.
- 5:30 p.m. – 5:45 p.m. **Nicholas M. Carlsen**
In Adults with Shoulder Impingement Syndrome, Kinesio-taping's Effects on Pain, Range of Motion, and Functional Outcome Measures as Compared to Sham Treatment or Modalities: A meta-analysis with systematic review.
- 5:45 p.m. – 6:00 p.m. **Jeffrey Chan**
Effects of Thoracic Spine Manipulation vs Scapular Stabilization Exercises in Individuals with Shoulder Impingement Syndrome: A meta-analysis.
- 6:00pm – 6:15pm **James Kuo**
Effectiveness of End Range Joint Mobilization & Exercise on Shoulder ROM, Function, & Pain for Adhesive Capsulitis Patients: A meta-analysis.
- 6:15 pm – 6:30 pm **Intermission**

Session II

Moderator: Dr. Paul Ullucci, Jr., PT, PhD, DPT, ATC, SCS, CSCS

- 6:30pm – 6:45pm **Kelvin Lam**
Electromyographic Analysis on the Specific Exercise and Angle of Activation of the Lower Trapezius Muscle in the Female College-aged Population.
- 6:45pm – 7:00pm **Miguel Vargas**
Which exercises eccentric or concentric; have the greatest short/term long term benefit in 18-65 year old adults with shoulder tendonopathy?
- 7:00pm – 7:15pm **Matthew Zeldin**
A meta-analysis, of short and long term effects on pain and grip strength, between Cyriax's, exercise, and modality treatments in patients with lateral epicondylalgia.
- 7:15pm – 7:30pm **Julian Harris**
There is no significant difference in eccentric versus concentric exercise in reducing pain, improving strength and function in 6-12 weeks of treatment for chronic lateral epicondylalgia.

Lower Extremity
Pete P. Peters Ellipse Balcony Gallery, Third Floor
Seats 30

Session I

Moderator: Dr. Cheryl Hickey, PT, MPT, MS, EdD

5:15 p.m. – 5:30 p.m.

Owen Johnston

The additional effect of prefabricated and custom orthotics on pain and function with patients participating in physical therapy with patellofemoral pain syndrome.

5:30 p.m. – 5:45 p.m.

Rosalie Avila

Effects of Strengthening for Elite and Pre-Elite Athletes with Adductor-Related Groin Pain: A meta-analysis.

5:45 p.m. – 6:00 p.m.

Derek Strong

In athletes with chronic patellar tendinopathy, will platelet-rich plasma with eccentric exercise have a statistically significant improvement in VAS and VISA-P scores compared to eccentric exercises alone.

6:00pm – 6:15pm

Leng Yang

In healthy adults, does plantar fascia specific stretching have a better short term outcome for plantar fasciitis compared to non-specific prefabricated foot orthotics: A meta-analysis.

6:15 pm – 6:30 pm

Intermission

Session II

Moderator: Dr. Bhupinder Singh, PhD, PT

6:30pm – 6:45pm

Sarada Bird

Isolated Hip Strengthening Reduces Pain Associated with Patellofemoral Pain Syndrome: A meta-analysis.

6:45pm – 7:00pm

Jeffrey Mueller

In women aged 16-40 with patellofemoral pain syndrome, what are the effects of combined proximal hip and quadriceps strengthening on pain and function compared to quadriceps strengthening alone: A meta-analysis.

7:00pm – 7:15pm

Nanette Audrey Tan

Iyengar yoga as intervention for adults with chronic low back pain: A meta-analysis.

7:15pm – 7:30pm

Therese Ruffin

In an adult population, does low level laser or corticosteroid injection have the greatest effect on short-term pain reduction and increased function when coupled with traditional therapy?

General Physical Therapy
Henry Madden Library Room 3212, Third Floor
Seats 60

Session I

Moderator: Dr. Deborah Walker, PT, DPT, OCS, GCS

5:15 p.m. – 5:30 p.m.

Brent Jensen

The Effect of High-Intensity-Resistance Training as Compared to Low-Intensity Exercise on BMD in Postmenopausal Women: An Evidence Based Review.

5:30 p.m. – 5:45 p.m.

Jessica Barrows

Effects of Suboccipital Myofascial Release Compared to Cervical Mobilization on Cervicogenic Headache in the Adult Population: A meta-analysis and systematic review.

5:45 p.m. – 6:00 p.m.

Jason Prestosa

The Effects of Thoracic Thrust and Non-Thrust Treatment on Function and Pain in Healthy Adults with Mechanical Neck Pain: A meta-analysis.

6:00pm – 6:15pm

Kevin Ousey

The Efficacy of Treatment Matched Interventions for Patients with Non-Specific Low Back Pain Exhibiting a Directional Preference: A meta-analysis.

6:15 pm – 6:30 pm

Intermission

Session II

Moderator: Dr. Marcia Thompson, PT, DPT, DSc

6:30pm – 6:45pm

Clarissa Carbuillido

The effects of purposeful play activities on pain during therapeutic procedures in children with burn injuries: A meta-analysis.

6:45pm – 7:00pm

Chelsea Cates

Effectiveness of a therapeutic exercise program with a sacroiliac joint belt compared to a therapeutic exercise program alone to reduce sacroiliac joint-related pain and improve function: A meta-analysis.

7:00pm – 7:15pm

Mike Ochoa

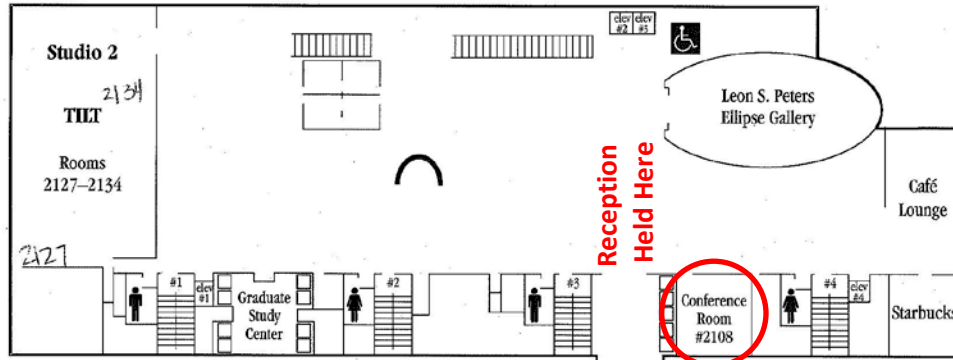
Effects of femoral bone mineral density (BMD) in postmenopausal women between the age of 40-75 using Hormone Replacement Therapy (HRT) in conjunction with resistive exercise.

7:15pm – 7:30pm

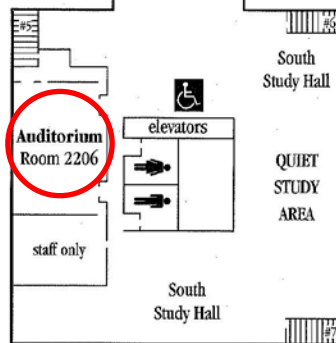
Michael Ormonde

Short-Term Effects of Kinesio Tape Versus Lumbar Mechanical Traction on Pain and Disability in Adults Diagnosed with Non-Specific Chronic Low-Back Pain: A meta-analysis.

Library 2nd floor



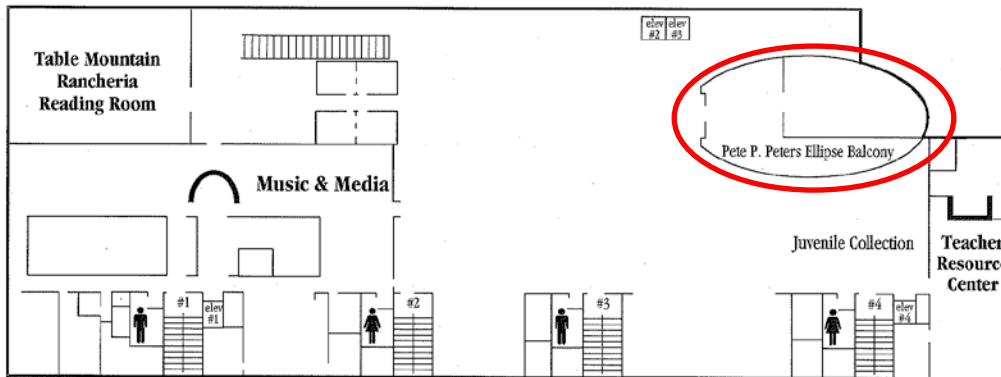
**2nd floor
North Wing**



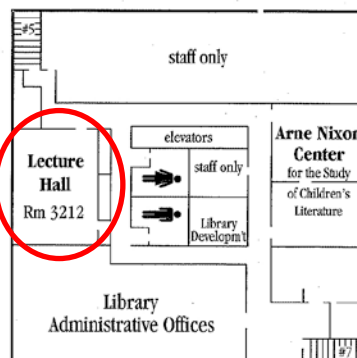
**2nd floor
South Wing**

rev. 2/2013

Library 3rd floor



**3rd floor
North Wing**



**3rd floor
South Wing**

rev. 1/2013