About the Conference

Welcome to the AAOMPT 2015 Conference!

This year’s theme is OMT: Minimizing Pain, Normalizing Movement, Maximizing Function and will feature the following keynote speakers:

Steven Z. George, PT, PhD, Associate Professor, Director, Doctor of Physical Therapy Program, Director, Brooks-PHHP Research Collaboration

Professor Peter O’Sullivan, DipPhysio(Otago), PGradDipMTh, PhD(Curtin), FACP, Professor, Faculty of Health, Sciences, School of Physiotherapy and Exercise Science, Bentley Campus

Professor Linda VanDillen, PT, PhD, Associate Director of Musculoskeletal Research, Professor of Physical Therapy, Professor of Orthopaedic Surgery

Irene Davis, PhD, PT, FAPTA, FACSM, FASB, Director, Spaulding National Running Center, Department of Physical Medicine and Rehabilitation, Harvard Medical School, Spaulding-Cambridge Outpatient Center

Conference App

All conference information can be found in our App - search AAOMPT 2015 Conference in your App store to download and stay up to date on all of the events and messages during the conference.

Breakout Sessions

A variety of breakout sessions will be held on Saturday, October 24 and Sunday, October 25. This year’s program allows each attendee the opportunity to select seven presentations from a variety of topics. A map of session rooms may be found on page 3.

Exhibits

Join us in the Exhibit Hall on Friday, October 23 and Saturday, October 24 to see the many products and services on display. We’ll also have coffee and lunch breaks for more opportunities to meet with vendors! Be sure to get your Bingo card signed by all exhibitors for a chance to win a door prize! Cards are located in your packet and winners will be announced at the Saturday lunch. Must be present to win.
HOTEL MAP

SUITE TOWER
Second Floor

SUITE TOWER
Third Floor

Collins
Brown
Carroll Ford

Nunn
Breathitt
Combs Chandler
Meeting/Event Registration

UPS Store
Jeff Ruby's Steakhouse

Foyer
Exhibit Hall
Grand Ballroom

Fields
Bradley

To RIVUE Tower

Thelma's Deli
AJ's Lounge

Entrance to Skywalk Garage
KFC Yum! Center and Norton Immediate Care Center

Skywalk to Kentucky International Convention Center (KICC)
Sales, Convention Services & Catering Office

Escalator to Grand Ballroom & Exhibit Hall

Morrow
Wilson
Taylor
French
Coe

Segell
Beckham

Stabler
McCreary

Stanley
Jones

Nunn
Breathitt
Combs Chandler
Meeting/Event Registration

Jeff Ruby's Steakhouse

DVD Store

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Jeff Ruby's Steakhouse

DVD Store
# SCHEDULE AT-A-GLANCE

## Wednesday, October 21, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am - 5:00 pm</td>
<td>Registration</td>
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</table>
| 8:30 am - 4:30 pm | **Pre-Conference Sessions:** Cognitive Functional Therapy for Managing Disabling Low Back Pain Disorders (Pt 1)  
  *Presenters: Peter O’Sullivan - STOPHER* |

## Thursday, October 22, 2015

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<th>Time</th>
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<tr>
<td>7:00 am - 7:00 pm</td>
<td>Registration</td>
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</table>
| 8:30 am - 4:30 pm | **Pre-Conference Sessions:** Cognitive Functional Therapy for Managing Disabling Low Back Pain Disorders (Pt 2)  
  *Presenters: Peter O’Sullivan - STOPHER* |
  Innovative Approach to the Injured Runner  
  *Presenter: Irene Davis - NUNN*  
  Peripheral Nerve Sensitization: The ‘Angry Mother in Law’ in Upper Quarter Orthopedic and Sports Rehabilitation  
  *Presenter: Jack Stagge - SEGELL* |
| 5:00 pm - 6:00 pm | Fellow Recognition Ceremony - GRAND BALLROOM BC                        |
| 6:00 pm - 7:30 pm | Welcome Reception and Poster Preview - EXHIBIT HALL                    |
| 7:00 pm - 8:00 pm | ACF SIG Business Meeting - CLEMENTS                                    |

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**FUN RUN**  
**FRIDAY, OCTOBER 23, 5:30 AM**

The annual Fun Run is back again! Meet your friends and colleagues in the Galt House Lobby for a casual morning jog to get your day started and view the sites of Louisville!
### SCHEDULE AT-A-GLANCE

#### Friday, October 23, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:30 am - 6:30 am</td>
<td>Fun Run - GALT HOUSE LOBBY</td>
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<tr>
<td>7:00 am - 5:00 pm</td>
<td>Registration - 2ND FLOOR</td>
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<tr>
<td>7:00 am - 5:00 pm</td>
<td>Exhibits Open - EXHIBIT HALL</td>
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<tr>
<td>7:00 am - 7:45 am</td>
<td>First Timers Breakfast (First Time Attendees Only) - STOPHER</td>
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<tr>
<td>7:00 am - 7:45 am</td>
<td>Continental Breakfast with Exhibitors - EXHIBIT HALL</td>
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<tr>
<td>8:00 am - 9:05 am</td>
<td>Keynote Address - OMT: Minimizing Pain</td>
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<tr>
<td></td>
<td>Presenter: Steven George - GRAND BALLROOM BC</td>
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<tr>
<td>9:05 am - 10:10 am</td>
<td>Keynote Address - OMT: Minimizing Pain</td>
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<td></td>
<td>Presenter: Peter O’Sullivan - GRAND BALLROOM BC</td>
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<tr>
<td>10:10 am - 10:55 am</td>
<td>Coffee Break</td>
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<tr>
<td>11:00 am - 12:05 pm</td>
<td>Keynote Address - OMT: Normalizing Movement</td>
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<td></td>
<td>Presenter: Linda Van Dillen - GRAND BALLROOM BC</td>
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<tr>
<td>12:05 pm - 12:30 pm</td>
<td>5x5 Research Presentations - GRAND BALLROOM BC</td>
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<tr>
<td>12:35 pm - 2:00 pm</td>
<td>Awards Luncheon - GRAND BALLROOM A</td>
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<tr>
<td>2:05 pm - 3:00 pm</td>
<td>Distinguished Lecturer Presentation</td>
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<td>Presenter: Joe Farrell - GRAND BALLROOM BC</td>
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<tr>
<td>3:00 pm - 3:35 pm</td>
<td>5x5 Research Presentations - GRAND BALLROOM BC</td>
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<tr>
<td>3:35 pm - 4:10 pm</td>
<td>Coffee Break</td>
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<tr>
<td>4:15 pm - 5:20 pm</td>
<td>Keynote Address - Minimizing Injury Risk</td>
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<td>Presenter: Irene Davis - GRAND BALLROOM BC</td>
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<tr>
<td>5:20 pm - 6:30 pm</td>
<td>Panel Discussion - The Value of OMT: What does the Evidence Tell Us?</td>
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<td>Presenters: Steven George, Peter O’Sullivan, Linda Van Dillen, Irene Davis, Joe Farrell</td>
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<tr>
<td>6:30 pm - 7:30 pm</td>
<td>Poster Presentations and Student Meet &amp; Greet Reception - EXHIBIT HALL</td>
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<tr>
<td>6:30 pm - 7:30 pm</td>
<td>Practice Affairs Open Forum - GRAND BALLROOM BC</td>
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**Friday, October 23, 2015 at 8:00 PM**

Enjoy a thirst-quenching Bourbon Crawl as you stroll down the main streets of Louisville sipping the finest local flavors. Your walking tour will begin at 8:00 pm in The Galt House Hotel's Bourbon Bar, Jockey Silks, located on the 2nd Floor. A volunteer guide will lead the way. Must be 21 or older to participate. Drink purchases are on your own.
SCHEDULE AT-A-GLANCE

Saturday, October 24, 2015

7:00 am - 5:00 pm Registration - 2ND FLOOR

7:00 am - 3:00 pm Exhibit Hall Open - EXHIBIT HALL

7:00 am - 8:00 am Committee Meetings Breakfast (Committee Members Only) - STOPHER
7:00 am - 8:00 am IFOMPT 2020 Task Force Breakfast - WILLIS - Invitation Only
7:00 am - 8:00 am Continental Breakfast with Exhibitors - EXHIBIT HALL

8:00 am - 10:15 am General Session - GRAND BALLROOM BC
The Use of Big Data to Assess Patient Benefits from Physical Therapy Care by Providers with Different Levels of Education and Training
Presenter: Jason Rodeghero

Big Data
Presenter: John Childs

Big Data and Risk Stratification for Improved Care Delivery
Presenter: Chad Cook

Big Data and Big Thinking — What Does it Mean for Physical Therapy?
Presenter: Julie Fritz

Using BIG Data for SMALLer Projects
Presenter: Dan Rhon

10:15 am - 11:00 am Coffee Break

11:00 am - 11:45 am Research Presentations (followed by Q&A) - SEE PGS 32-35 FOR LOCATIONS
12:00 pm - 1:00 pm Program Director’s Luncheon - CLEMENTS - Invitation Only
12:00 pm - 12:55 pm Lunch In the Exhibit Hall
Committee Chair Luncheon - WILLIS - Invitation Only

1:00 pm - 1:55 pm Breakout Session 1
Cognitive Functional Therapy for Managing Disabling Low Back Pain Disorders
Presenter: Peter O’Sullivan - SEGELL

OMT: Normalizing Movement
Presenter: Linda Van Dillen - FRENCH

Parietal-Frontal Circuits & Chronic Pain: Intention & Motor Planning in Manual Therapy
Presenter: Francois Prizinski - STOPHER

The Spinal Accessory and Median Nerves as Contributing Factors to Cervical and Occipital Pain in a Patient
Presenter: Michelle Layton - McCREARY

Evaluation and Treatment of Lateral Elbow Pain, A Movement Impairment Based Approach
Presenters: Pieter Kroon and Brenda Boucher - JONES

MDT and the Relevant Lateral Component: Strategies for the Challenging Cervical Spine Patient
Presenters: Ron Schenk, Amy Fletcher and Brian McClannahan - BECKHAM
### SCHEDULE AT-A-GLANCE

**Saturday, October 24, 2015**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenters/Details</th>
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<tbody>
<tr>
<td>1:00 pm - 1:55 pm</td>
<td>Academic Insights and Reflections for Entry Level Physical Therapy Education and Beyond: A Round table Discussion with Distinguished Instructors in Physical Therapy Education</td>
<td><strong>Presenters: Chad Cook, Tim Flynn, Toni Roddey, Phil Sizer - COE</strong></td>
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<tr>
<td>2:00 pm - 2:55 pm</td>
<td><strong>Breakout Session 2:</strong> Cognitive Functional Therapy for Managing Disabling Low Back Pain Disorders</td>
<td><strong>Presenter: Peter O’Sullivan - SEGELL</strong></td>
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<td>OMT: Minimizing Pain</td>
<td><strong>Presenter: Linda Van Dillen - FRENCH</strong></td>
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<td></td>
<td>Selective Activation of the Deep Cervical Muscles with Exercises Design and Dosage</td>
<td><strong>Presenters: Jim Rivard and Cindy Unsleber - JONES</strong></td>
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<td>MDT and the Relevant Lateral Component: Strategies for the Challenging Cervical Spine Patient</td>
<td><strong>Presenters: Ron Schenk, Amy Fletcher and Brian McClanahan - BECKHAM</strong></td>
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<td>From First Semester to Last: Integrating Modern Pain Science into Your Student’s Educational Experience</td>
<td><strong>Presenter: Mary Beth Geiser - COE</strong></td>
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<td>3:00 pm - 3:55 pm</td>
<td><strong>Breakout Session 3:</strong> Meet the Committees</td>
<td><strong>Presenters: AAOMPT Committee Representatives - STOPHER</strong></td>
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<td>Managing Uncommon Sources of Wrist Pain to Maximize Function: Utilizing Manual Therapy Approaches</td>
<td><strong>Presenters: Amanda Grant and Matt Daugherty - McCREARY</strong></td>
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<td>Creative Use of Conditioned Pain Modulation as a Novel Clinical Intervention</td>
<td><strong>Presenter: Mary Beth Geiser - COE</strong></td>
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<td>The BIO of a Bio-Psycho-Social Approach: Manual Therapy</td>
<td><strong>Presenters: Adriaan Louw, Tim Flynn and John Childs - FRENCH</strong></td>
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<td>Treating Phantom Limb With Dry Needling</td>
<td><strong>Presenter: Todd Hooks - JONES</strong></td>
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<td>Do You Treat Ribs? The Relationship Between the Axial and Appendicular Skeleton</td>
<td><strong>Presenters: Eric Furto and Larry Yack - SEGELL</strong></td>
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<td>4:00 pm - 4:55 pm</td>
<td><strong>General Session Panel</strong> Clinical Research: New Directions to Explore</td>
<td><strong>Presenters: Peter O’Sullivan, Linda Van Dillen, Chad Cook, Paul Mintken, John Childs, Jean Michel Brismee, Megan Donaldson - GRAND BALLROOM BC</strong></td>
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<tr>
<td>5:00 pm - 7:00 pm</td>
<td><strong>AAOMPT Business Meeting</strong> - GRAND BALLROOM BC</td>
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<td>8:00 pm - 12:00 pm</td>
<td><strong>Networking Reception</strong> - GRAND BALLROOM A</td>
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<td>7:00 am - 12:00 pm</td>
<td>Registration - 2ND FLOOR</td>
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<td>8:00 am - 8:55 am</td>
<td>Breakout Session 4:</td>
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<td>Differentiating Anterior Shoulder Pain in the Overhead Throwing Athlete</td>
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<td>Presenter: Angela Gordon - COMBS CHANDLER</td>
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<td></td>
<td>Advanced Examination and Manual Intervention of the C0 to C7 Motion Segments</td>
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<td>Featuring Angular and Translatory Mobilization and Manipulation</td>
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<td>Presenter: Doug Creighton - CAROLL FORD</td>
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<td>Identifying and Treating Crossover Syndrome in Runners</td>
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<td>Presenters: Marc Riley and Adam Walsh - BREATHITT</td>
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<td>Integration of Pain Sciences and Dry Needling to Enhance Movement and Function for Upper Quarter Dysfunctions - NUNN</td>
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<td>Presenters: Derek Clewley, Elizabeth Lane, Daniel Maddox, Mark Milligan, Hannah Norton</td>
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<td>9:00 am - 9:55 am</td>
<td>Breakout Session 5:</td>
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<td>Advanced Treatment of Valgus Extension Overload in the Throwing Athlete</td>
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<td>Presenters: Toko Nguyen and Ben Renfrow - WILLIS</td>
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<td>Diagnosis and Prognosis Through Intervention: Dynamic Clinical Decisions in Real-Time to Achieve Optimal Outcomes for the Advanced OMPT Practitioner</td>
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<td>Presenter: Cameron MacDonald - COMBS CHANDLER</td>
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<td></td>
<td>Self-Mobilization of the Hip with Belting Technique</td>
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<td>Presenter: Everett Nicolai - CAROLL FORD</td>
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<td></td>
<td>How Integrating Dry Needling Can Decrease Pain and Improve Movement and Function</td>
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<td>Presenters: Michelle Layton and Rob Stanborough - BREATHITT</td>
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<td></td>
<td>A Paradigm Shift to Treating Extension Based Back Pain in Young Athletes</td>
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<td>Presenter: John Winslow - NUNN</td>
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<td>10:00 am - 10:55 am</td>
<td>Breakout Session 6:</td>
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<td>Thoracic Mobilization and Manipulation for the Treatment of Shoulder Pain</td>
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<td>Presenters: Brent Perdizet and Patrick Cook - NUNN</td>
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<td>Integrating Behavioral and Psychologically-Based Interventions into OMPT Practice: A Necessity in the Management of Patients with Chronic Pain</td>
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<td>Presenters: John Leschitz and Tasha Mouton-Shanklin - CAROLL FORD</td>
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<td>Conservative Treatment of Knee Osteoarthritis in a Division I Collegiate Basketball Player</td>
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<td>Presenter: Michael Markee - WILLIS</td>
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## SCHEDULE AT-A-GLANCE

### Sunday, October 25, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
</table>
| 10:00 am - 10:55 am | **Breakout Session 6 (continued)**           | Clinical pearls and Quick Tricks for OMPT - Creating Patient Buy-In for Spinal Stabilization Exercises and Utilizing Manipulation in the Evaluation to Accelerate Clinical Diagnosis  
**Presenter:** Cameron MacDonald - COMBS CHANDLER |
|               |                                              | MDT and the Relevant Lateral Component: Strategies for the Lumbar Spine  
**Presenters:** Ron Schenk, Christopher Chase and Robert Robinson - BREATHITT |
|               |                                              | AAOMPT sSIG Presents: TMJ/Headache, Antepartum Lumbar/Pelvic Girdle Pain, and Maigne’s Syndrome: OMT Considerations for New and Experienced Clinicians Alike (Part 2)  
**Presenters:** Michael Bourassa, Susan Clinton, Vicki Luebbe - CLEMENTS |
| 11:00 am - 11:55 am | **Breakout Session 7**                       | Methods for Manual and Self-stretching of the Posterior Shoulder Region  
**Presenter:** Cory Manton - COMBS CHANDLER |
|               |                                              | Orthopedic Manual Therapy for the Pediatric Patient  
**Presenter:** Mitchell Selhorst - WILLIS |
|               |                                              | Integrating Manual Therapy and Somatics: Enhancing Our Repertoire for Improved Pain Outcomes  
**Presenters:** Mark Erickson, Gil Haight and Stephanie Mikoliczak - BREATHITT |
| 12:00 pm | **Conference Adjourns**                       |                                                            |

### Conference Adjourns

**AAOMPT 2016 Conference**

**OCTOBER 26-30, 2016**

**ST. LOUIS UNION STATION**
SESSION DESCRIPTIONS

Advanced Examination and Manual Intervention for the C0-C7 Segments Featuring Angular and Translatory Mobilization and Manipulation
Presenter: Doug Creighton
This session with demonstrate advanced upper cervical, lower cervical and cervicothoracic manual interventions designed for patients with complicated clinical presentations including lower cervical disc degeneration and associated segmental hypermobility and radiculitis. Session participants will learn to incorporate manual traction during the application of translatory or angular mobilization. These techniques are designed to protect painful segments while at the same time improve active and passive motion.

Big Data
Presenter: John Childs
We will generally cover what Big Data is, pros & cons, the value to PTs, etc. Specifically, my portion will cover the use of Big Data to look at questions on delivery of care. We will be looking in particular at 2 recent papers in which we utilized Big Data on questions immediately relevant to PT.

Big Data and Risk Stratification for Improved Care Delivery
Presenter: Chad Cook
Session will discuss past risk stratification strategies and the new strategy using Big Data that is designed to identify the characteristics of outliers. The ‘model’ of the individuals who fit the outlier categories will be presented.

Cognitive Functional Therapy for Managing Disabling Low Back Pain Disorders
Presenter: Peter O’Sullivan
This course is based on the ongoing research into to contemporary management of disabling low back pain disorders. It provides a theoretical framework for understanding the mechanisms underlying non-specific low back pain and latest advances in their management.

Conservative Treatment of Knee Osteoarthritis in a Division I Collegiate Basketball Player
Presenter: Michael Markee
This session includes a clinical presentation, subsequent treatment, and clinical outcomes of an athlete with knee osteoarthritis. A brief discussion will be included citing evidence relating knee osteoarthritis with surgical reconstruction of the anterior cruciate ligament.

Clinical pearls and Quick Tricks for OMPT - Creating Patient Buy-In for Spinal Stabilization Exercises and Utilizing Manipulation in the Evaluation to Accelerate Clinical Diagnosis
Presenter: Cameron MacDonald
Presentation of two clinical pearls to demonstrate to a patient the relationship of cervical stability to shoulder function and pelvic stability to hip function.

Creative Use of Conditioned Pain Modulation as a Novel Clinical Intervention
Presenter: Mary Beth Geiser
Finding new and novel ways to address pain are important to every clinician. When innovation precedes EBP a clinician needs to make a choice and find interventions that work. Come listen to a unique way to use conditioned pain modulation (CPM) in the clinical setting. Find out how a simple ice bath or a TENS unit can be used to facilitate descending inhibitory pathways and use these tools to your advantage. This session will start out with a brief review of the literature surrounding conditioned pain modulation and how the novel idea came to fruition. Next it will walk through 5 (retrospective) real-life clinical cases, with varied diagnoses, where CPM proved to be an effective intervention for treatment and was successfully integrated into use in a home exercise program.

Diagnosis and Prognosis Through Intervention
Presenter: Cameron MacDonald
This session is based upon the further refinement of the Regis Fellowship approach to OMPT initially developed as an evidence based test-re-test approach. In ten years
SESSION DESCRIPTIONS

Do You Treat Ribs? The Relationship Between the Axial and Appendicular Skeleton

Presenters: Eric Furto and Larry Yack

The session will consist of a mixture of lecture and hands on lab sessions discussing the importance of proper evaluation and treatment of the thoracic spine and ribs, and their role in general function throughout the body. The participant will learn a thorough examination process of this region, followed by treatment applications that include thrust and non-thrust spinal manipulation, neuromuscular reeducation, and upper extremity integration. The presenters will support the presentation with current evidence and discuss the biological, neurophysiological, and psychological benefits of manipulation in the thoracic spine. This course will meet the demand of the AAOMPT consumer with an 80-20 lab-lecture ratio and will provide ample techniques and clinical pearls to be applied in the clinic on Monday morning.

Evaluation and Treatment of Lateral Elbow Pain, A Movement Impairment Based Approach

Presenters: Pieter Kroon and Brenda Boucher

The principles of the extension/radial deviation syndrome will be explained. From a movement impairment syndrome perspective, this is the driver of most lateral elbow pain complaints. Movement impairments in the cervical spine, shoulder, elbow and wrist will be discussed, and their influence on lateral elbow pain. Rational treatment approaches to address deficits found will be discussed. This will include joint mobilizations/manipulations of the cervical spine, shoulder, elbow and wrist.

From First Semester to Last: Integrating Modern Pain Science into Your Student’s Educational Experience

Presenter: Mary Beth Geiser

As research related to pain science and education begins to proliferate and new university curriculums are beginning to emerge, it is important to find ways to integrate pain science into the students learning experience. While several universities are already supporting individual pain management classes in their DPT curriculums and finding success, why not also consider other alternatives which explore how pain science and education can be filtered into classes across the entire curriculum. Come listen to suggestions on how to engage your students in pain related topics from their first day on campus through their last day before graduation. The purpose of this session is to help educators recognize key ‘stepping stones’ that students need to know about pain throughout their PT journey. Simple and complex subject matter all needs to be addressed — but where does it fit best? Which core classes offer the best opportunity for learning? What are some sample algorithms to consider when revamping your curriculum? This session will discuss personal experiences in the educational field and offer insight on how to prepare all levels of students (from DPTs to Fellows) for treating painful conditions the workforce. Another purpose of the presentation will be to encourage open dialog on this topic to discuss pitfalls, barriers and success stories that others have experienced.
SESSION DESCRIPTIONS

How Integrating Dry Needling can Decrease Pain and Improve Movement and Function
Presenters: Derek Clewley, Elizabeth Lane and Mark Milligan
This workshop will cover how dry needling has an influence on the musculoskeletal and nervous systems by reducing/eliminating pain, improving range of motion, strength, and movement patterns to help maximize the overall function of the patient. Patient cases will highlight how dry needling can be utilized in isolation or in conjunction with other manual therapy techniques to maximize gains. Current evidence relevant to the patient cases will also be covered.

Identifying and Treating Crossover Syndrome in Runners
Presenters: Marc Riley and Adam Walsh
We will discuss the typical mechanics seen in runners; how to identify crossover syndrome; the potential results of the pathological mechanics seen with crossover syndrome; a method for using high speed camera technology to identify; and a method for determining the optimal location to start treatment of the crossover syndrome.

Improving Your Junctions’ Function: Utilizing Clinical Decision Making with Refining Techniques of HVLAT for Comfort and Effectiveness
Presenters: Alec Kay and Brian Power
Clinical decision making concepts regarding the application of HVLAT will be presented in the lecture and sprinkled throughout the lab as well. There will be limited lecture on safety and contraindications of using thrust techniques and the latest evidence related to that topic. Brief lecture will also review relevant biomechanics and anatomy of the regions addressed. The majority of the time will be spent with hands on instruction and practice for refining the manipulation techniques presented for the junction zones of the spine.

Integrating Behavioral and Psychologically-Based Interventions into OMPT Practice: A Necessity in the Management of Patients with Chronic Pain
Presenters: John Leschitz and Tasha Mouton-Shanklin
The purpose of this presentation is to describe the concept of therapeutic alliance (TA), leveraging patient expectations, and implementing psychologically-informed principles in addition to manual therapy and exercise to improve patient outcomes in chronic pain. It will include specific strategies for optimizing TA and expectation, overview cognitive-behavioral principles in current and future OMPT practice, and discuss indications for outside referral.

Integration of Pain Sciences and Dry Needling to Enhance Movement and Function for Upper Quarter Dysfunctions
Presenters: Derek Clewley, Elizabeth Lane, Daniel Maddox and Mark Milligan
This session will provide background information on dry needling specifically related to upper quarter dysfunction. Evidence review will highlight some of the emerging data suggesting that dry needling might have an additive effect on improving function and movement by reducing pain symptoms. Pain science will be explored to provide plausible reasoning for some of the potential effectiveness of dry needling.
MDT and the Relevant Lateral Component: Strategies for the Challenging Cervical Spine Patient  
Presenters: Ron Schenk, Amy Fletcher and Brian McClanahan  
PowerPoint presentation with lecture and demonstration and practice of lateral procedures and manual therapy techniques that commonly are performed with the management of cervical spine conditions. The presenters will outline the classification of mechanical neck disorders utilizing an MDT assessment and selected OMPT tests and measures. Several cases will be presented to demonstrate the clinical reasoning that determines the appropriate patient centric intervention. The cases will describe the use of appropriate screening and progression of forces when thrust and non-thrust manipulation are required. Patient specific procedures of directional thrust and non-thrust manipulation within a system of force progressions will be demonstrated to improve function based on the available evidence.

Managing Uncommon Sources of Wrist Pain to Maximize Function: Utilizing Manual Therapy Approaches  
Presenter: Amanda Grant and Matt Daugherty  
This session will take the clinician through some uncommon impairments that can be a sources of wrist pain. This will be divided into two categories: ulnar and radial sided wrist pain. Under the radial pain category we will briefly discuss impairments including but not limited to: DeQuervain’s Tenosynovitis, superficial radial nerve pathology, scaphoid pathology, and radiocarpal joint pathology with implications at the radiohumeral joint. On the ulnar side we will discuss: distal radioulnar joint, TFCC pathology and ulnar tunnel syndrome. This will include some biomechanical discussion and physical therapist management of these conditions including clinical pearls for effective and efficient patient management to maximize function including technique demonstration.

Methods for Manual and Self-Stretching of the Posterior Shoulder Region  
Presenter: Cody Manton  
Recently, much has been written about glenohumeral internal rotation deficit and its association with shoulder conditions. The purpose of this session is to describe the various stretching techniques for the posterior shoulder region. The session will include demonstration and practice of stretching techniques for the posterior shoulder region with emphasis on manual stretching of the posterior shoulder. Mobility exercises for the posterior shoulder region will also be discussed. In addition, current evidence for stretching of the posterior shoulder region and the dosing of therapeutic exercise will be reviewed.

Modulating Pain with Thrust Manipulation: The Big, The Small, How to Tackle Them All  
Presenters: Stacy Soappman and Ann Porter-Hoke  
What do you do when your patient is bigger than you? How do you save your own body from fatigue and injury when treating your case load? How can your improve your speed and body mechanics to make manipulation more effective? Do you cringe when you see a patient larger than you who needs a lumbar manipulation or do you shy away from thoracic manipulation because it hurts, then this session is just for you! A representative from each Committee will be in attendance and will give a brief synopsis of their committees and their expectations of potential committee members. Be sure to attend to learn more about the happenings in the AAOMPT Committees.

Meet the Committees  
Committee Representatives  
Are you thinking of serving on a committee, but not sure what it is all about? Are you interested to hear what these committees are working on and how your skill set could perhaps benefit the Academy? If yes, then this session is just for you! A representative from each Committee will be in attendance and will give a brief synopsis of their committees and their expectations of potential committee members. Be sure to attend to learn more about the happenings in the AAOMPT Committees.

MDT and the Relevant Lateral Component: Strategies for the Lumbar Spine  
Presenters: Ron Schenk, Christopher Chase and Robert Robinson  
PowerPoint and video presentation with lecture, discussion of cases, and demonstration of lateral procedures and manual physical therapy techniques that may be performed in the management of challenging lumbar spine patients with asymmetrical symptomatic and mechanical baselines. Several cases will be presented to demonstrate the clinical reasoning that determines the appropriate patient centric intervention.

The cases will describe the use of appropriate screening and progression of forces when thrust and non-thrust manipulation are required. Patient specific procedures of directional thrust and non-thrust manipulation within a system of force progressions will be demonstrated to improve function based on the available evidence.

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your hands" If you have thought these questions then this is the course for you! The session will focus on demonstration and practice while working in groups to identify best psychomotor learning tools, to educate and practice thrust manipulation strategies to achieve success and minimize pain and strain to both parties. The use of core and key muscle groups for speed, while minimizing strain on the practitioner’s spine, shoulders and hands. Techniques: thoracic, low lumbar, cervico-thoracic junction, hip, shoulder region, ankle, rear-foot and wrist. Clinical reasoning of alternative techniques for patient body types or pathologies that include: large or heavy patients, shoulder instability, regional sensitivity, hypermobility syndrome, potential bone fragility, concern of close body contact, etc.

Organize and Exercise: A Framework for Managing Chronic/Persistent Pain
Presenters: Andrew Bennett, Alyson Ellis and Matthew Stevenson
This is a breakout session that will explore a proposed framework for management of patients with chronic/persistent pain. This session will incorporate a bio-psychosocial model to include exploration of stages of change, patient belief, and physical therapy’s impact on behavior change. We will examine the role of the patient and physical therapist in discovering ‘what is’ in an attempt to avoid the hero, victim, or villain role. An emphasis on the sustainable health index will guide long-term management of patients with pain. We aim to provide an overview of the persistent pain cycle and how we, as physical therapists, can affect that cycle. We will discuss current literature supporting the facilitation of input and expand upon those ideas with resources to help further organize pain pattern to progress to a sustainable lifestyle through communication, manual therapy, and exercise. Specific case examples will help further illustrate the information presented.

Orthopedic Manual Therapy for the Pediatric Patient
Presenter: Mitchell Selhorst
This session will explain how orthopedic manual physical therapy can be an effective tool to treat the pediatric orthopedic population. Pediatric patients are not tiny adults, they have conditions and injuries that are specific to their population and without proper understanding the orthopedic manual therapist risks injuring these patients. Evidence supporting the use of manual therapy in pediatric patients will be presented. Specific precautions and relative risk of injury from manual therapy in the pediatric population will be presented. Using examples of common pediatric conditions, this session will highlight the differences and similarities between pediatric and adult patients and show how manual therapy can be an effective tool to treat the less familiar pediatric orthopedic patient.

Paradigm Shift to Treating Extension Based Back Pain in Young Athletes
Presenter: John Winslow
Review current evidence for managing extension based back pain, demonstrate the pathoanatomic relationship between the pars interarticularis and the facet joint, present original research on efficacy of facet joint injections in this population, discuss our treatment algorithm for managing extension based back pain.

Parietal-Frontal Circuits & Chronic Pain: Intention & Motor Planning in Manual Therapy
Presenter: Francois Prizinski
This course reviews the motor cognitive literature and what is involved when we discuss motor planning in the athletic or chronic pain populations. Motor learning in the context of a biopsychosocial approach is discussed in terms of a physical therapist providing treatment or a referral to maximize patient outcomes.

Peripheral Nerve Sensitization: The ‘Angry Mother in Law’ in Upper Quarter Orthopedic and Sports Rehabilitation
Presenter: Jack Stagge
This session will cover pertinent research into the pathophysiology involved in the development of Peripheral Nerve Sensitization. Specific evidenced based evaluation and treatment techniques will be demonstrated and presented.

Selective Activation of the Deep Cervical Muscles with Exercises Design and Dosage
Presenters: Jim Rivard and Cindy Unsleber
The session will involve presentation of original research on EMG assessment for cervical muscle recruitment using different types of force moments. Cervical exercises, on pulleys as well as hanging free weights, are modified to recruit specific muscles and emphasize different depths of cervical muscles. Minor lab sessions performed during the lecture, with subject sitting or laying down if room, will be
presented to assess cervical motor performance. Instruction on exercise design based on these findings, as well as application of the research presented. The content is a progression of training concepts from the curriculum’s of MET (Medical Exercise Therapy concept - Norway) / STEP (Scientific Therapeutic Exercise Progressions - USA).

Self-Mobilization of the Hip with Belting Technique
Presenter: Everett Nicolai
Demonstration of 1 hip self-mobilization technique for inferior glide using belting.

AAOMPT sSIG Presents: TMJ/Headache, Antepartum Lumbar/Pelvic Girdle Pain, and Maigne’s Syndrome: OMT Considerations for New and Experienced Clinicians a like
Presenters: Michael Bourassa, Susan Clinton, Vicki Luebbe
This AAOMPT sSIG sponsored Breakout Session will feature three mini presentations focusing on the areas of TMD/ headache, Lumbar/Pelvic Girdle pain in the antepartum patient, and Maigne’s Syndrome. The first presentation, given by Michael Bourassa, PT, DPT, OCS, FAAOMPT, will discuss the current literature on the association between upper cervical spine and Headaches/ TMD, as well as delve into the selection and utilization of manual based interventions for the management of HA/TMD. The second presentation, given by Susan Clinton, PT, DScPT, OCS, WCS, COMT, FAAOMPT, will discuss the current evidence supporting examination clusters relevant to the antepartum population with lumbar/ pelvic girdle pain and include demonstration on how to modify examination/intervention techniques for the pregnant client with pelvic girdle pain. The final presentation, given by Vicki Luebbe, MS, PT, FAAOMPT, will guide attendees through a differential assessment of primary Maigne’s syndrome by contrasting it to other orthopedic conditions that can produce pseudo like symptoms of low back and SI pain, as well as discuss possible entrapment sites, both at the segmental vertebra and the ilium, of the posterior cutaneous branch of the dorsal rami. Insight and recommendations regarding a manual therapy approach to the treatment of Maigne’s Syndrome will be included. The three presentations will be followed by a 15 minute Q & A session with the audience facilitated by an AAOMPT sSIG member.

The BIO of a Bio-Psycho-Social Approach: Manual Therapy
Presenters: Adriaan Louw, Tim Flynn and John Childs
In recent years, pain neuroscience research has increasingly focused on the brain, brain plasticity, central sensitization, immune responses and more. The clinical outflow of this pain science shift has culminated in ever-increasing popular treatments such as pain science education, graded motor imagery and sensor motor retraining. These ?advanced? treatments has put into question traditional treatments such as manual therapy. A deeper understanding of pain neuroscience and brain plasticity, however, implies that skillful and deliberate application of hands-on treatment is a fundamental part of physical therapy in treating conditions such as spinal pain. It can be well argued that skillful delivery of manual therapy aids in brain remapping, enhancement of endogenous mechanisms, graded exposure, cognitive restructuring of threat and more, all of which are very important in a human pain experience. In the pursuit of a bio-psycho-social approach to treat people with spinal pain, the ?bio? emphasizing the biological issues of movement, tactile stimulation, blood flow, tissue health and more has seemingly been forgotten. This session will feature three deliberate parts aiming to help attendees realize the importance of not neglecting, but rather embracing manual therapy in a pain science approach for spinal pain. In the first part, Tim Flynn will discuss the pendulum shift over the past decade leaving behind the ?bio? of the bio-psycho-social approach. In the second part, John Childs will analyze and present the evidence implicating the efficacy of manual manipulative therapy for treating spinal pain. In the final part, Adriaan Louw will aim to provide a neuroscience rationale as to the mechanisms behind the efficacy of manual manipulative treatments aimed at treating spinal conditions, thus emphasizing the need to not neglect the “bio” of the bio-psycho-social approach.

The SpinalAccessory and Median Nerves as Contributing Factors to Cervical and Occipital Pain in a Patient
Presenter: Michelle Layton
This session will highlight a patient case with right-sided cervical pain and occipital headaches that did not respond to manual therapy directed at the soft tissue and joint structures as expected. Upon further clinical examination, altered neurodynamics of the spinal accessory and median nerves were found and treated,
Thoracic Mobilization and Manipulation for the Treatment of Shoulder Pain

Presenters: Brent Perdizet and Patrick Cook

Brief discussion of the evidence around the use of cervical and thoracic manipulation for the treatment of shoulder pain:
- Evidence appearing in references supports the use of cervical and thoracic manipulation and mobilization techniques in the management of shoulder conditions.
- Indications for the use of these and other techniques can be determined using a dynamic treatment model including insight gained from additional assessment, evaluation, treatment, and reflection.

Cervical and Thoracic mobilization and mobilization techniques will be briefly introduced and demonstrated by two presenters. Time permitting, techniques may include:
- Seated Cerviothoracic Manipulation and Mobilization
- Seated Cervicothoracic Manipulation
- Seated Thoracic Manipulation
- Supine Thoracic Manipulation
- Supine Cervical Manipulation
- Prone Cerviothoracic Manipulation
- Prone Thoracic Manipulation
- Variations on these techniques that can be useful for patients after shoulder arthroscopic surgery, or other conditions requiring protection of soft tissues of the shoulder will be included where appropriate.

If time permits, the audience will be allowed to practice these techniques with guidance of the presenters. Printed written and illustrated notes for this presentation and techniques will be provided by the presenters.

Treating Phantom Limb with Dry Needling

Presenter: Todd Hooks

This breakout session describes the evaluation and treatment of a patient presenting with upper extremity phantom limb pain. The patient was noted to have trigger points within the proximal arm with resultant familiar pain upon examination. This session will describe the clinical examination and treatment of referred symptoms (phantom limb pain) using both cervical manipulation and dry needling to mediate peripheral stimulus and eliminate symptoms.

Using BIG Data for SMALLer Projects

Presenter: Dan Rhon

Traditionally ‘big data’ is seen for use in large population-health studies and retrospective cohort studies. This would lead most researchers and clinicians to leave this up to the epidemiologists to work out. However, this same data can also help augment outcomes for smaller case series, cohorts, and trials. Many clinicians may already have access to this type of data and simply not know what to do with it.

Using OMT and Sports skills to Maximize Outcome for Cervico-Thoracic and Shoulder Painful Conditions-from the Clinic to the Athletic Field

Presenters: Marie Potter, Michael Wong and Emmanuel Yung

Emerging evidence suggests that multimodal (manual therapy and exercise) therapy is effective while high utilization of care may actually produce poorer results for neck pain. This implies efficient utilization of a multimodal intervention may maximize outcome. Most OMT and sports movement exam and treatment approaches have been published in isolation, but these were not widely presented in combination to optimize clinical and sports rehabilitation results. This session aims to fast track the real-time differentiation and verification of OMT modifiable movement impairments from cervico-thoracic and shoulder regions, thereby achieving desired outcomes from the clinic to the athletic field.

Use of Big Data to Assess Patient Benefits from Physical Therapy Care by Providers with Different Levels of Education and Training

Presenter: Jason Rodeghero

An intro to the concept of Big Data and it’s importance to the field of physical therapy. Pros & cons would be discussed. I will then present detailed information on a primary research study (benefits of fellowship training) followed by secondary analyses research that focuses on other high-level questions that people may likely have about physical therapy.
Dr. George’s teaching responsibilities in the Doctor of Physical Therapy Program include participation in the Evidence Based Practice track. Dr. George’s primary research interests involve the utilization of biopsychosocial models for the prevention and treatment of chronic musculoskeletal pain. His research projects have been supported by awards from the National Institutes of Health, Department of Defense, Orthopaedic Section of the American Physical Therapy Association, University of Florida, and Foundation for Physical Therapy.

Steven Z. George, PT, PhD
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Director, Brooks-PHHP Research Collaboration
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Peter is Professor of Musculoskeletal Physiotherapy at Curtin and a Specialist Musculoskeletal Physiotherapist (as awarded by the Australian College of Physiotherapists 2005) who consults at bodylogicphysiotherapy.com. At Curtin he holds a part time appointment where he teaches at a post graduate level and conducts clinical research into musculoskeletal pain disorders.

Professor Peter O’Sullivan
DipPhysio(Otago), PGradDipMTh, PhD(Curtin), FACP
Professor, Faculty of Health Sciences
School of Physiotherapy and Exercise Science
Bentley Campus

Dr. Van Dillen received her Bachelors degree from the University of Missouri at Columbia, her Masters degree from Washington University in St. Louis as well as her Ph.D. Her interested include Musculoskeletal pain problems, in particular low back, hip and neck pain as well as the investigation of the interaction of biomechanical and neural control mechanisms contributing to musculoskeletal pain problems. She is currently at the Washington University School of Medicine in St. Louis.

Professor Linda VanDillen, PT, PhD
Associate Director of Musculoskeletal Research
Professor of Physical Therapy
Professor of Orthopaedic Surgery

Irene Davis, PhD, PT, FAPTA, FACSM, FASB
Director, Spaulding National Running Center
Department of Physical Medicine and Rehabilitation
Harvard Medical School
Spaulding-Cambridge Outpatient Center
1575 Cambridge St
Cambridge, MA 02138

Dr. Davis received her Bachelors degree in Exercise Science from the University of Massachusetts, and in Physical Therapy from the University of Florida. She earned her Masters degree in Biomechanics from the University of Virginia, and her PhD in Biomechanics from Pennsylvania State University. She is a Professor Emeritus in Physical Therapy at the University of Delaware where she studied the relationship between lower extremity structure, mechanics and injury in runners for the past 20 yrs. Dr. Davis is the Director of the Spaulding National Running Center, Department of Physical Medicine and Rehabilitation, Harvard Medical School.
Andrew Bennett, PT, DPT, OCS, FAAOMPT  
Dr. Andrew Bennett holds a board certification in orthopedic physical therapy and is fellowship trained in orthopedic manual physical therapy. He is a founding partner of Texas Physical Therapy Specialists, where he continues to have an active role in clinical care. Dr. Bennett is involved in clinical research having participated in the studies published in several journals. He holds an adjunct faculty role in several doctoral physical therapy programs, and serves in both an adjunct faculty role and a PhD committee member for Rocky Mountain University. He holds a senior faculty position with Evidence in Motion providing instruction in both the Orthopedic Residency and the Orthopedic Manual Fellowship, is a co-author of the Trigger Point Dry Needling certification series.

Brenda Boucher, PT, PhD, OCS, CHT, FAAOMPT  
Brenda Boucher is an Associate Professor at Texas State University. She holds dual specialist certification in orthopedic physical therapy and hand therapy. She is a senior faculty member of the Manual Therapy Institute.

Michael Bourassa, PT, DPT, OCS, FAAOMPT  
Dr. Michael Bourassa is currently employed as a full time physical therapist at the Ponte Vedra Beach Outpatient Clinic. He has completed the Brooks/UNF Orthopaedic Residency and Brooks/UNF Orthopaedic Manual Physical Therapy Fellowship and is also involved in the Brooks institute for higher learning as a mentor, guest lecturer and continuing education presenter. In addition to practicing full time he is adjunct faculty at University of North Florida Physical Therapy graduate program and currently serves as the FPTA Northern District Treasurer and Assembly Representative.

Christopher Chase, PT, MS, FAAOMPT, Dip MDT  
Chris is a graduate of Saint Louis University. After graduation he worked in private practice at a Certified McKenzie Clinic. He became MDT Certified in 2003, obtained his MDT Diploma in 2009 and finished his Fellowship in Orthopedic Manual Physical Therapy in 2012. Since 2009 Chris has worked at St. David?s Rehabilitation, Spine and Sports Therapy in Austin, Texas. A full-time clinician, Chris is an Assistant Diploma Educator for the McKenzie Institute International and was appointed teaching faculty for the McKenzie Institute USA branch in 2012.

John Childs, PT, PhD, MBA, FAPTA  
Dr. John D. Childs is a founder and CEO of Evidence in Motion and partner in Texas Physical Therapy Specialists, a multisite outpatient physical therapy practice in the greater San Antonio, Austin, and Dallas, TX region. A graduate from the U.S. Air Force Academy (1994), he completed a MBA from the University of Arizona (2000) and PhD in Rehabilitation Science from the University of Pittsburgh (2003). Dr. Childs has received numerous research grants from federal and professional funding agencies and has published over 150 peer-reviewed manuscripts in leading scientific journals. He currently serves as an Associate Editor for both the Physical Therapy and Journal of Orthopaedic and Sports Physical Therapy journals. Among many research, teaching, and practice awards, he has received the profession?s highest honor, being named a Catherine Worthingham Fellow of the American Physical Therapy Association.

Susan Clinton, PT, DScPT, OCS, WCS, COMT, FAAOMPT  
Susan C. Clinton PT, DScPT, OCS, WCS, COMT, FAAOMPT currently practices in Sewickley, Pennsylvania and is the co-owner and founder of Embody Physiotherapy and Wellness, LLC. Susan is active in teaching and research as an adjunct instructor for the University of Pittsburgh and Chatham University. Additionally, she is an international instructor and presenter of post-professional education in women’s health and orthopedic manual therapy. Her research activities include publications on chronic pelvic pain and clinical practice guidelines for the APTA Section on Women’s Health and Orthopedic Section. Susan is active with the American Physical Therapy Association, serving in governance as a local delegate and alternate delegate, and as the Chair of the Clinical Practice Guidelines steering committee for the Section on Women’s Health and the Women’s Health Global Initiative.

Doug Creighton MS DPT OCS FAAOMPT  
Dr. Creighton has over 30 years of clinical and 25 years of teaching experience. He has 16 publications, including two text-books and numerous articles relating to orthopedic manual intervention. He holds a full-time faculty position at Oakland University and practices clinically at Team-Rehab in Farmington Hills, Michigan.
Chad Cook, PhD, PT, FAAOMPT
Chad Cook PT, PhD, is a professor and vice chief of research for the doctor of physical therapy program at Duke University. Dr. Cook has over 170 peer reviewed publications, many of which on topics associated with the use of Big Data. He has been immersed in practice based research for over 10 years and has been influential in identifying trends in large datasets.

Patrick Cook, PT, MPT, OCS, CSCS
Patrick Cook, PT, MPT, OCS, CSCS received his Bachelor of Science degree in Kinesiology from Louisiana State University in 2005. He received his Masters of Physical Therapy degree from LSU Health Science Center in New Orleans, Louisiana in 2007. In 2010, he became Board Certified in Orthopaedic Physical Therapy. He is also a Certified Strength and Conditioning Specialist. Patrick is a certified ASTYM system provider and also trained in the Level 2 Therapeutic Dry Needling. He is currently a Fellow in Training with Regis University in Denver, Colorado and works at an outpatient clinic in Baton Rouge, Louisiana.

Matt Daugherty, PT, DPT, OTR/L, MOT, OCS, FAAOMPT, MTC
Dr. Daugherty received his Masters in Occupational Therapy in 2006 and his Doctorate in Physical Therapy in 2007 from USA. He completed a full time fellowship in orthopaedic manual physical therapy, in December 2010. Dr. Daugherty is an assistant professor at the USA and is a primary mentor for their fellowship and residency programs. In 2012, he became an Orthopaedic Certified Specialist through the American Board of Physical Therapy Specialties and currently serves as a test item writer for that examination. He has served as a Florida Physical Therapy Association assembly representative and is currently the Northern District Chair.

Alyson Ellis, PT, DPT
Dr. Alyson Ellis is an orthopedic resident through Evidence in Motion and Texas Physical Therapy Specialists. She graduated from Youngstown State University in 2014, where she held the positions of research assistant and adjunct faculty for the exercise science department. Dr. Ellis has co-authored studies published in The Journal of the American Physical Therapy Association and Physical Therapy in Sport.

Mark Erickson, PT, DScPT, OCS, COMT, CFP
Dr. Mark Erickson, PT, MA, DScPT, OSC, has been practicing physical therapy thirty-two years specializing in pain, orthopedic manual therapy and body awareness training. Dr. Erickson holds a Clinical Associate Professor position within the Physical Therapy Program at Carroll University, where he leads the Orthopedics and Clinical Reasoning courses and maintains an active scholarship agenda emphasizing integrated orthopedic PT. He is also a Certified Orthopedic Manual Therapist and Feldenkrais Practitioner. Dr. Erickson helped design and taught within the UW-Health/Meriter Orthopedic Residency, has a private practice, Insight Physical Therapy, and has presented numerous courses locally, regionally and nationally.

Joseph Farrell, PT, M App Sc, DPT, FAAOMPT, FAPTA
Dr. Farrell received a Post Graduate Diploma in Manipulative Therapy and Masters of Applied Science degree in Health Sciences from Curtin University of Technology (Perth, Western Australia). He has been a practicing clinician for 36 years, private practice owner for 25 years and a clinical faculty member of the Kaiser Physical Therapy Fellowship Program in Advanced Manual Therapy for 30 years. His interest in Evidence Based Practice (EBP) was enhanced by completing a DPT in 2007. In his clinic and when teaching; he is a proponent of the integration of the EBP triad. He is a published author and speaker on the state, national and international, levels related to treatment of the spine.

Amy Fletcher, PT, DPT, FAAOMPT, Dip MD
Amy Fletcher is a full-time clinician in a private outpatient clinic in Albuquerque, NM. She received her DPT from Creighton University in 2000. She also holds a Diploma in Mechanical Diagnosis and Therapy and earned her FAAOMPT in 2014. She is a clinical instructor and Adjunct Faculty at UNM Physical Therapy Program. She contributes outcome data for clinical research and has provided clinical commentary for newsletters including the Newsletter for McKenzie Institute Americas Region.

Tim Flynn, PT, PhD
Dr. Flynn is the immediate past President of the American Academy of Orthopaedic Manual Physical Therapists and an Associate Editor for the Journal of Orthopaedic & Sports Physical Therapy (JOSPT). Dr. Flynn is a principal in Evidence in Motion an educational company dedicated to elevating the physical therapy profession. He is a Distinguished Professor at Rocky Mountain University of Health Professions where he teaches professional and post-professional students in the area of musculoskeletal management, advanced manipulation skills, and evidence based practice.

Julie Fritz, PT, PhD, FAPTA
Dr. Julie Fritz is a Professor in Physical Therapy and the Associate Dean for Research in the College of Health at the University of Utah. Dr Fritz has over 15 years of experience in clinical trials and health services research related to physical therapy practice. Her research has been funded by the NIH, AHRQ, DoD and other agencies and foundations.
Eric Furto, PT, DPT, MTC, FAAOMPT  
Dr. Eric S. Furto is a graduate from Northern Illinois University and the University of St. Augustine for Health Sciences. He is a Fellow in AAOMPT and is Manual Therapy Certified through the University of St. Augustine. He is in clinical practice at Edward Rehabilitation in Naperville Illinois and lectures nationally on spinal manipulation through the University of St. Augustine.

In 2006, he was published in the peer reviewed journal Cranio with a publication on Temporomandibular Joint Dysfunction entitled Manual Physical Therapy Interventions and Exercise for Patients with Temporomandibular Joint Dysfunction. He is actively involved with AAOMPT, currently serving on the finance committee and previously chairing the conference planning committee.

Mary Beth Geiser, PT, DPT, OCS, FAAOMPT  
Mary Beth has been a practicing clinician for over 23 years. She presently holds active adjunct faculty positions at both Marquette University and Concordia University Wisconsin. She has been an educator for 18 years and has taught a variety of graduate level classes in pain management, orthopedics, kinesiology, electrotherapy, evidence based practice and manipulation/manual therapy. Working closely with Dr. Marie Hoeger Bement, Dr. Geiser helped create Marquette’s first ever curriculum based Pain Management class and has done so since its inception in 2006. Dr. Geiser has been an invited speaker for both local and national organizations (APTA & AAOMPT) and the Medical College of Wisconsin for topics related to chronic pain & CRPS. She is a certified specialist in orthopedic physical therapy (1999, 2009) and become a Fellow with AAOMPT in 2014.

Amanda Grant, PT, DPT, FAAOMPT, MTC, CLT  
Dr. Grant earned her Doctor of Physical Therapy Degree from the University of St. Augustine for Health Sciences in 2006, her Manual Therapy Certification in 2007, and became a Fellow of the American Academy of Orthopaedic Manual Physical Therapy in 2011. She is a full time faculty member on the Saint Augustine campus, teaching in both entry level and advanced spinal and extremity manipulation courses. She is also an active mentor for the school’s Orthopaedic Residency and Fellowship program. Dr. Grant maintains clinical practice at First Coast Rehabilitation where she sees a variety of neuromusculoskeletal and lymphedema cases.

Angela Gordon, PT, DSc, MPT, COMT, OCS, ATC  
Angela T. Gordon PT, DSc, MPT, COMT, OCS, ATC has 12 years of clinical experience in orthopedic and sports physical therapy. She earned her Masters and Doctorate of Science degrees from Andrews University. Dr. Gordon is an orthopedic certified manual therapist through NAIOMT. In 2013 Dr. Gordon became a published author in the IJSPT. In 2014 Dr. Gordon became a board certified Orthopedic Specialist through the APTA.

Dr. Gordon is the lead physical therapist for the Washington Nationals Baseball team 2005, 2010-present. She has worked extensively with elite athletes from MLB, Canadian Football League, and European basketball players."

Gil Haight, PT  
Mr. Gil Haight, PT, has been practicing physical therapy for more than thirty-five years. He currently owns and operates Haight Pain: Headache and Pain Physical Therapy, a pain relief clinic in Green Bay, Wisconsin. Mr. Haight has developed a movement-based therapy that he calls Analgesic Movement. This manual therapy method, through the use of manual contact, elicits and guides patients in the discovery of spontaneous, effortless, and pain-relieving movement. Mr. Haight has presented several well-received courses to both student and practicing physical therapists, and physicians at local, regional and national levels on integrating the somatic approach within orthopedic manual therapy.

Todd Hooks  
Todd is currently employed at Champion Sports Medicine in Birmingham, Alabama. Todd is a graduate of The University of Mississippi Medical Center and following graduation he completed the Ola Grimsby residency, fellowship, and doctorate program. Todd has also completed a Physical Therapy Sports Medicine Fellowship with American Sports Medicine Institute under the direction of Glen Fleisig PhD, Kevin Wilk DPT, and James Andrews MD. Todd is board certified as an Orthopedic and Sports Specialist. Todd has served as the Physical Therapy coordinator in both college and professional athletics. He has lectured at state, national, and international meetings and conducted continuing education meetings on orthopedic and sports rehabilitation. He has published articles and chapters on the treatment of various orthopedic and sports rehabilitation. Todd serves on the specialization academy of content experts and is a member of the American Academy of Shoulder and Elbow Therapists.

Alec Kay, PT, FAAOMPT, DMT, ATC, OCS, CMTPT  
Alec initially began his career working in sports medicine at the University of California, Davis as an undergraduate where he received a Bachelors of Science in Exercise Physiology and was Certified as an Athletic Trainer in 1988. Alec received a Masters of Science in Physical Therapy from the University of the Pacific in 1990. Post-graduate studies in manual therapy included completion of a
Master of Orthopedic Manual Therapy in 1997 and a Doctor of Manual Therapy degree from the Ola Grimsby Institute in 2000, with a dissertation on the lumbar spine. He was awarded FAAOMPT status in 2000 as well. He has been teaching manual therapy for the OGI since that time in Residencies, Fellowships, and short term courses with an emphasis on high velocity techniques in the US and overseas. He practices at United Physical Therapy in Anchorage, AK.

Pieter Kroon, PT, DPT, OCS, FAAOMPT
Pieter Kroon is the Program Director of the Manual Therapy Institute, an APTA credentialed Fellowship Program in Orthopedic Manual Physical Therapy. He is an Assistant Professor at Texas State University, and the Director of Physical Therapy at Sports Performance International, a multi disciplinary clinic specializing in the evaluation and treatment of endurance athletes.

Elizabeth Lane, PT, DPT, OCS
Elizabeth holds a Doctorate of Physical Therapy and serves as faculty for BenchMark’s Orthopaedic Physical Therapy Residency Program. She completed her orthopedic residency in 2010 and obtained Orthopaedic Certified Specialist the following year. She has completed Certified Strength and Conditioning Specialist, certification in dry needling, and Spinal Manipulation. Most recently, she is approaching graduation of an Orthopaedic Manual Therapy Fellowship Program through Evidence in Motion. Her research endeavors include currently conducting a case series regarding the use of dry needling in mechanical neck pain and presenting poster at NEXT 2015 for use of dry needling in a primary shoulder condition.

Michelle Layton
Dr. Layton is full-time clinician working at Bethesda Physiocare and a senior instructor for the dry needling seminars through Myopain Seminars. She is also a board certified clinical specialist in orthopedics and a certified cervical and temporomandibular therapist. In 2013 she had a chapter published, Deep Dry Needling of the Trunk Muscles, In: Trigger Point Dry Needling: An Evidenced and Clinical-Based Approach and she is co-author of the dry needling seminar workbook for Myopain Seminars. She is a contributing co-author for a new quarterly review column for the Journal of Bodywork and Movement Therapies.

Michelle is involved in writing book reviews through the Orthopedic section of the APTA and Journal of Musculoskeletal Pain. She also serves as a manuscript reviewer for the Journal of Manual and Manipulative Therapy and the Archives of Physical Medicine and Rehabilitation. Since 2006 she has been actively involved with the Federation State Boards of Physical Therapy as an item writer for the national physical therapy exam, the orthopedic practice review tool and now serves on the Examination Development Committee. She has also presented on the topic of dry needling at several conferences and to the Pennsylvania physical therapy board.

John Leschitz, PT, DPT, OCS, FAAOMPT
John Leschitz is a treating physical therapist and manager of The Brooks Center for Back and Neck Health (CBNH) in Jacksonville, FL. He earned his DPT from the University of Florida and completed both orthopaedic residency and OMPT fellowship training at Brooks Center for Higher Learning. He is an active member in the American and Florida Physical Therapy Association with orthopedic section membership and pain SIG.

Adriaan Louw, PT, PhD
Adriaan earned both an undergraduate as well as a master’s degree in physiotherapy from the University of Stellenbosch in Cape Town, South Africa. He is an adjunct faculty member at St. Ambrose University and the University of Nevada Las Vegas, teaching pain science. Adriaan has taught throughout the US and internationally for 15 years at numerous national and international manual therapy, pain science and medical conferences. He is a Certified Spinal Manual Therapist and has authored and co-authored various articles, books and book chapters related to spinal disorders and pain science. Adriaan completed his Ph.D. on therapeutic neuroscience education.

Vicki Luebbe, MS, PT, FAAOMPT
Vicki Luebbe graduated with concurrent Bachelor’s and Master’s Degrees in Physical Therapy from the University of Southern California in 1978. She has worked in a variety of clinical settings over her 30 plus year professional career. Her pursuit of manual therapy excellence began with a certification from the University of St. Augustine; that led her to postgraduate work the Ola Grimsby Institute, culminating in completion of the Orthopedic Manual Therapy Year III. She currently teaches a Residency program for the Ola Grimsby Institute, and is a member of the American Physical Therapy Association and a Fellow of the American Academy of Orthopaedic Manual Physical Therapy. Manages the UW Medicine/NW Hospital, Advanced Manual Therapy practice, and is a full time clinician.

Cameron MacDonald, DPT GCS OCS FAAOMPT
BAppSc Physio Sydney. DPT Regis University. Past Director Regis OMPT Fellowship, current Chief Fellow and instructor. Recipient George Davies, Jack Walker research awards. Orthopedic and Geriatric specialist. AAOMPT Fellow. President Colorado Chapter APTA. APTA Task force Dry Needling. ACOEM Hip panel appointee. Lecturer nationally and internationally on hip impairments, Fellowship education, direct access musculoskeletal intervention for PT’s, history manual therapy, shoulder impairments and manipulation through
the spine and extremities. Hip OA CPG team.

**Daniel Maddox, PT, DPT, OCS, ATC, FAAOMPT**

Daniel Maddox earned his DPT from the Medical College of Georgia in 2008. In 2011 he achieved ABPTS certification in orthopaedics, and in early 2015 became a fellow of AAOMPT following completion of fellowship with Evidence in Motion. He is an active member of the APTA, has served as a legislative committee member, delegate, and board member for the Georgia chapter, and currently serves as Chief Delegate for the Georgia chapter. He practices at Benchmark Physical Therapy in northeast Georgia. He is a primary faculty member for the Benchmark orthopaedic residency program and manual therapy fellowship program, and he is also adjunct faculty for South College’s DPT program.

**Cory Manton, PT, DPT, OCS, CSCS**

Dr. Manton is an assistant professor in the physical therapy department at A.T. Still University. He also serves as a faculty member for the Orthopedic Physical Therapy Residency Program at A.T. Still University. He has over 10 years of experience in the outpatient orthopedic setting. He completed the Long Term Manual Therapy Course with Phoenix Manual Therapy. Dr. Manton runs an Ouch Clinic for the members of the Mesa Fire and Medical Department in Mesa, AZ.

**Michael Markee, PT, DPT, OCS, COMT, ATC**

Mike Markee is on faculty at Saint Louis University in the department of physical therapy and athletic training. His teaching assignments include kinesiology, practice management, and rehabilitation in athletic training. The emphasis of his clinical practice is in collegiate athletics. His clinical experience includes over 15 years working primarily in orthopaedics, as well rehabilitation with high school, collegiate, and professional athletes.

**Brian McClanahan, PT, MS, OCS, Dip MDT, FAAOMPT**

Brian McClanahan is a graduate of the Ithaca College Physical Therapy program and has completed the McKenzie Institute Fellowship in OMPT. He is in clinical practice with Physical Therapy Associates of Myerstown, PA and holds a Diploma in Mechanical Diagnosis and Therapy.

**Stephanie Mikolczak, PT, DPT**

Dr. Stephanie Mikolczak, PT earned her Bachelor’s degree in Psychology in 2005 and DPT degree in 2008 at Carroll University. She has since been practicing physical therapy primarily in a culturally diverse outpatient setting, specializing in treating people suffering with persistent pain. Dr. Mikolczak has applied her Psychology background to develop unique communication assessment and treatment strategies, and has integrated them with manual physical therapy. She has presented several well-received lectures to physical therapy students and practicing physical therapists, nurses and physicians, on conceptualizing pain and effectively treating patients with persistent pain.

**Mark Milligan, PT, DPT, OCS, FAAOMPT**

Dr. Mark Milligan, PT, DPT, is an orthopedic manual therapist that specializes in the evaluation and treatment of musculoskeletal spinal conditions and is Board Certified in Orthopaedics and a Fellow of the American Academy of Orthopaedic Manual Therapy. He earned his Doctorate of Physical Therapy at the University of the Colorado, School of Medicine in Denver, Colorado. He went on to complete an Orthopedic Physical Therapy Residency and Orthopaedic Manual Physical Therapy Fellowship with Evidence in Motion (EIM). He is a full-time clinician and a clinic director for Texas Physical Therapy Specialists where he co-directs the ongoing resident and fellow training for his company in Austin. Dr. Milligan has taught and lectured about trigger point dry needling across the country and serves as primary faculty for EIM. He is an active member of the APTA, TPTA, and AAOMPT and has great interest in governmental affairs. He currently holds the position of Chair of the Capital Area District of the Texas Physical Therapy Association.

**Tasha Mouton-Shanklin**

Tasha Shanklin graduated from the University of St. Augustine for Health Sciences with a Masters Degree in Occupational Therapy and her DPT. She completed the Brooks Orthopaedic Residency and Manual Therapy Fellowship programs. Dr. Shanklin has also completed addition continuing education in the area of Women’s Health Physical Therapy. Her special interests include management and treatment of spine-related conditions and pelvic floor dysfunction.

**Toko Nguyen, PT, DPT, OCS, SCS, FAAOMPT, CSCS**

Toko Nguyen is the Program Director for the Institute for Athlete Regeneration, a post-professional Manual Therapy Fellowship Program, and also serves as the Supervisor of Residency Programs for Houston Methodist Sugar Land Hospital. He is a Board Certified Specialist in Orthopedics and Sports, Fellowship trained in Manual Therapy, a Certified Strength and Conditioning Specialist. Toko has extensive experience working with the athletic population including collegiate, amateur, professional, and Olympic athletes with an emphasis on the shoulder and knee. He is one of the foremost experts in treatment of the overhead athlete in Texas. He is a member of the APTA Orthopedic and Sports Section, APTA Residency and Fellowship Credentialing Services Committee, Texas Physical Therapy Association, AAOMPT, and is the Texas Legislative Representative for the APTA Sports Physical Therapy Section.
Everett Nicolai, DPT, OMT, FAAOMPT
Everett has been a member of AAOMPT after completing his Fellowship Program with the Ola Grimsby Institute in 2008. Currently he is an instructor within the Ola Grimsby Institute. He has applied his knowledge of biomechanics and skill to modify current techniques to adapt to patients’ unique situations during rehabilitation.

Hannah Norton
Hannah holds a Doctorate of Physical Therapy from Rocky Mountain University of Health Professions. She completed an orthopedic residency program and obtained board-certification in orthopedic specialty, and is a graduate of a Evidence in Motion orthopedic manual physical therapy fellowship program. Hannah currently serves as faculty with BenchMark Rehab Institute Orthopedic Physical Therapy Residency Program, teaching dry needling and orthopedic management.

Brent Perdrizet, DPT, OCS, Fit
Brent Perdrizet, PT, DPT, OCS, Fit received his Bachelor of Science in exercise science from Northern Arizona University in 2000. After competing as a professional triathlete as a member of the USA Triathlon National Team, he began working at an outpatient Physical Therapy clinic as an rehabilitation technician prior to earning his Doctor of Physical Therapy from Sacred Heart University in Fairfield, Connecticut in 2007. In 2013, he became Board Certified in Orthopaedic Physical Therapy. He is currently a Fellow in Training with Regis University in Denver Colorado, and works in an outpatient clinic in Lebanon, New Hampshire.

Brian Power, PT, DPT, DMT, FAAOMPT
Brian graduated from PT school from The University of Puget Sound in 1988 and finished his 2 year residency through the Ola Grimsby Institute after being tested by the Norwegian Board of Manual Therapy Specialties in 1993 and became a Fellow in 1997 after completing an addition two year program. He received his DMT from the Ola Grimsby Institute in 2005. He has taught over 100 manipulation technique courses in 10 countries for the OGI. He practices this specialty in orthopaedic manual therapy to rehabilitate a variety of extremity and spinal injuries. He currently practices at Manual Therapy International in Seattle, WA.

Francois Prizinski, DPT, OCS, COMT, FAAOMPT
Dr. Prizinski graduated from West Virginia University in 2005 with a Masters Degree in Physical Therapy. He attended Temple University for his Doctorate Degree in Physical Therapy in 2006 (DPT). Dr. Prizinski completed the Maitland Australian Physiotherapy Seminars COMT in addition to Orthopaedic Manual Therapy Fellowship Program with Sports Medicine of Atlanta in 2012. Currently, Dr. Prizinski is co-founder/ partner of Nxt Gen Institute of Physical Therapy and actively serves as an Administrator & Associate Faculty. His current research interest is on a biopsychosocial approach to motor control, motor cognition, clinical reasoning in physical therapy, and the application of pain science to manual therapy. Dr. Prizinski recently moved to Charlotte, NC with his wife and 2 children.

Ann Porter-Hoke, PT, DPT, OCS, FAAOMPT
Ann Porter-Hoke received a physotherapy diploma from St Thomas’ Hospital, London, and a postprofessional doctorate from Pacific University, OR. She is a Fellow of the Canadian and American Manual/ Manipulation Academies.

She trained and worked with James Cyriax MD in London, England, with manual therapists in Canada, and has been in clinical practice in Portland, Oregon since 1998. She is distinguished faculty and clinical fellowship director with NAIOMT with 39 years of teaching and 44 years of clinical experience.

She served on national and international OMPT standards committees. Her awards include the Mennell Service Award from AAOMPT in 2006.

Marie Potter, PT, DPT, OCS, SCS, FAAOMPT, ATC
Marie Potter serves as the coordinator for the sports physical therapy and athletic training residencies at Houston Methodist Sugar Land Hospital, where she is involved in teaching, mentoring, and program development. She is also on faculty for the Institute for Athlete Regeneration, a part time manual therapy fellowship. Marie is an active member of the APTA, serving on the Program and Credentialing Services Committees and has spoken at several professional meetings including SWATA, TPTA, AAOMPT, and CSM. She is a graduate of the orthopedic residency and manual fellowship in sports rehabilitation at Kaiser Permanente. Her current practice focuses on returning high school and recreational athletes back to sport.

Ben Renfrow, PT, DPT, OCS, FAAOMPT
Ben Renfrow serves is Program Coordinator for the Institute for Athlete Regeneration, a post-professional Manual Therapy Fellowship Program, and also serves as the Orthopedic Residency Coordinator for Houston Methodist Sugar Land Hospital. He is Fellowship trained in Manual Therapy and is active in educating various athletic organizations on injury prevention and relevant intervention. He is an expert in movement impairment diagnosis, and uses this knowledge in effectively treating the athletic population. Ben is a member of the APTA Orthopedic and Sports Section, Texas Physical Therapy Association, and AAOMPT.
Dan Rhon, PT, DPT, DSc, OCS, FAAOMPT
Dr. Dan Rhon is the Director of Physical Therapy at the Center for the Intrepid. Their 3-fold mission is to 1) provide rehabilitation for OIF/OEF casualties who have sustained amputation, burns, or functional limb loss, 2) to provide education to DoD and Department of Veteran’s Affairs professionals on cutting edge rehabilitation modalities, and 3) to promote research in the fields of Orthopaedics, prosthetics and physical/occupational rehabilitation. He teaches in the Baylor University’s DPT and DSc programs and faculty in the Military Musculoskeletal Residency program. Research interests: musculoskeletal injury prediction and improving the current pathways managing patients with musculoskeletal pathology.

Marc Riley, PT OCS ATC CSCS FAAOMPT

Jim Rivard, PT, MOMT, DMT, OCS, FAAOMPT
PT graduate 1988. Graduate of The Ola Grimsby Institute 1991 from a 2-year Manual Therapy Residency program, subsequent 1993 graduate from the OGI Fellowship program. Taught over 175 seminars nationally and internationally on manual therapy and exercise. Chief Academic officer for the OGI. Author of a 3-volume textbook series on Scientific Therapeutic Exercise Progressions. Instructor and Examiner for OGI Fellowship programs. Past AAOMPT Executive positions of Treasurer and Member at Large, current President. Currently active in research on exercise for motor recruitment and blood flow. Practicing clinician, co-owner, MTI Physical Therapy.

Robert Robinson, PT, DPT, MS, Dip MDT, FAAOMPT
Bob is a graduate of D’Youville College where he earned his BS/MS in physical therapy. He received his DPT from Temple University and his Diploma in MDT. He is a Fellow of the AAOMPT and serves the McKenzie USA Fellowship as clinical coordinator. Bob is co-owner and full-time clinician with Craven Physical Therapy and Spine in New Bern, NC.

Jason Rodeghero, PT, PhD, DPT, ATC, OCS, MTC, FAAOMPT
Dr. Jason Rodeghero is the Program Director for the EIM Orthopaedic Residency Program. Prior to taking over as the director, he served as the assistant director of the orthopaedic residency and manual physical therapy fellowship programs. He earned his Masters of Physical Therapy from Bradley University in Peoria, Illinois. He then completed the Doctor of Physical Therapy program and manual therapy certification from the University of St. Augustine. In 2007, he completed the Regis University Manual Therapy Fellowship Program. Dr. Rodeghero earned his PhD from Rocky Mountain University in Provo, Utah in 2013 with his dissertation focusing on the clinical benefits of residency and fellowship training. He is a certified athletic trainer, has board certification as an orthopaedic clinical specialist, and is a Fellow in the American Academy of Orthopaedic Manual Physical Therapists. Dr. Rodeghero is a published author on various topics and regularly presents at national conferences. Dr. Rodeghero is the Director of Rehabilitation Services for the OSF HealthCare Eastern Region, which includes two hospitals and multiple outpatient facilities.

Ronald Schenk PT, PhD, OCS, FAAOMPT, Dip MDT
Ron Schenk is Dean of Health and Human Services and an Associate Professor of Physical Therapy at Daemen College. He earned his BS and MS degrees from Ithaca College and his PhD from the University at Buffalo. Dr. Schenk is a Fellow of the AAOMPT and is Diplomaed in MDT. He has published in peer-reviewed journals and has presented at national and international conferences.

Mitchell Selhorst, DPT, OCS
Mitchell Selhorst is a physical therapist at Nationwide Children’s Hospital Sports and Orthopedic Physical Therapy. He is a board certified orthopedic clinical specialist and is also a certified orthopedic manual therapist. He received his Masters in Physical Therapy from The Ohio State University and recently completed a transitional Doctorate program. Mitchell serves as the research coordinator for NCH’s Sports and Orthopedic Physical Therapy department. His research interests include anterior knee pain and manual therapy treatments for pediatric patients.

Jack Stagge, P.T., O.C.S., FAAOMPT
Received his Bachelor’s Degree in Physical Therapy from CSU Fresno in 1978. He received a specialty certification in Adult Neurology from U.S.C. in 1979. His postgraduate training includes extensive manual therapy course work in Norwegian, Australian, McKenzie and Cyriax protocols. He was chosen as a subject matter expert by the American Physical Therapy Board of Specialties in 1988 and helped in writing the first O.C.S. exam. He was Board Certified as an Orthopedic Clinical Specialist 1990, 1999, 2009, and became a Fellow of the A.A.O.M.P.T. in 2002, 2012. Mr. Stagge taught Physical Evaluation and Treatment of Neural Tissues in Disorders of the Neuromusculoskeletal System with Mr. Robert L. Elvey, P.T., G.D.M.T. of Curtain University, Perth, Australia for several years throughout
the United States. Mr. Stagge has been a featured presenter at the World Confederation for Physical Therapy, the APTA's National Scientific meeting, Combined Section Meetings, State Conferences, and the I.F.O.M.P.T. in Perth Australia.

Rob Stanborough, PT, DPT, MHSc, MTC, CMPT, FAAOMPT
Rob Stanborough is a Dutch-trained physical therapist. He received his degree in Physiotherapie from the Hogeschool van Amsterdam and his MHSc and DPT from the University of St. Augustine. He is a Fellow of AAOMPT and has earned several certifications related to soft tissue manipulation. He is a co-author of Myofascial Manipulation: Theory and Application 3rd ed, has a varied clinical background, and is the founding partner/President of First Coast Rehabilitation, in St. Augustine, Florida. He is also an assistant instructor at the University of St. Augustine and also a senior instructor for Myopain Seminars of Bethesda, Maryland.

Stacy Soappman, PT, DSc, COMT, FAAOMPT
Stacy Soappman, PT, DScPT, COMT, FAAOMPT received her physical therapy degree from Andrews University in Berrien Springs, MI in 2001 and went on to receive her DScPT degree from Andrews University in 2011. Stacy received the designation of Certified Orthopedic Manipulative Therapy (COMT) in 2009 and later completed her fellowship training through NAIOMT in 2011. Stacy currently works in outpatient orthopedics in Denver, CO and is also an adjunct professor at Andrews University in the Physical Therapy Department.

Matthew Stevenson, PT, DPT
Dr. Matt Stevenson is an orthopedic resident through Evidence in Motion and Texas Physical Therapy Specialists. He grew up in Washington state and earned his Doctor of Physical Therapy degree from Eastern Washington University. He is further specializing in orthopedics through Evidence in Motion's residency program and is passionate about pain science, manual therapy and exercise physiology.

Cindy Unsleber, PT, MSPT, OCS, FAAOMPT
MSPT in 2000. Board-certified Orthopaedic Clinical Specialist in 2006. She successfully completed the OGI Orthopaedic Manual Therapy Residency Program in 2008. She completed the Fellowship Program in 2009 and became a Fellow of the American Academy of Orthopaedic Manual Physical Therapists in 2010. She went on in 2012 to complete the OGI PhD Program. She has been practicing Physical Therapy in the orthopaedic outpatient setting for 14 years and currently practices in Seattle, Washington. Instructor with The Ola Grimsby Institute. Area of research related to specific muscle activation in the cervical spine with pulley training.

Adam Walsh, PT DPT SCS CSCS
Adam Walsh is a 2012 graduate from Saint Louis University’s DPT program. He completed a Sports Residency through St. Francis University in 2013, earning his CSCS in 2013 and his SCS in 2014. He is currently a Fellow-in-Training through The University of St. Augustine. He works in Horseheads, NY at Elite Therapy NY.

John Winslow, PT, DPT, MTC, OCS, ATC
Dr. Winslow is a licensed physical therapist and certified manual therapist with over 20 years of clinical experience. His expertise is in the area of spine rehabilitation, particularly with young athletes. Dr. Winslow was one of the founding members of the Orthopaedic Physical Therapy Residency program at Cayuga Medical Center where he continues to teach Musculoskeletal Imaging and HVLA Thrust Manipulation. Dr. Winslow is currently a full-time professor in the physical therapy program at Ithaca College.

Michael Wong, PT, DPT, OCS, FAAOMPT
Michael Wong is an Associate Professor at Azusa Pacific University. He is the author of Pocket Orthopaedics and a chapter in Primary care for Physical Therapists: Examination and triage. His professional services include being a reviewer for the musculoskeletal imaging feature for JOSPT, guest lecturer for the University of Southern California (USC) Spine Fellowship and the Southern California Kaiser Orthopaedics and Sports Fellowship Programs. He is co-author for the APTA Orthopaedic Section-sponsored medical screening guidelines and has presented on the new orthopedic section clinical practice guidelines as a keynote speaker for the Ohio State Physical Therapy conference.

Larry Yack, PT, DPT
Dr. Larry Yack graduated in 1974 with a Bachelor of Science in Biology from Long Island University in Greenvale, New York. He went on to receive a Bachelor of Science in Physical Therapy from the University of Colorado, Health Science Center, Denver, Colorado in 1976. Larry earned his certification in Manual Therapy (MTC) from the University of St. Augustine in 1981 and DPT in 2010. Since graduating, his interests have been in the treatment of acute and chronic spinal problems. From
1976 through August of 2001 he worked in various hospitals, set up a multidiscipline pain clinic, industrial physical therapy clinic, and established a private practice (1982) in Denver, Colorado. In 1996 the practice was sold to Physiotherapy Associates. From 2003 to 2008 he worked with Physiotherapy Associates Sports Medicine Team traveling with the PGA tour. He now resides and practices in Northern Virginia.

Emmanual Yung, PT, DPT, MA, OCS, FAAOMPT

Manny Yung is Clinical Assistant Professor at Sacred Heart University DPT Program using a problem-based learning curriculum. He has spent the last 13 years of his career training DPT students/interns (from 10 schools), orthopaedic residents (from 15 program sites), and OMPT fellow. He has 28 peer-reviewed, national/international presentations (at IFOMPT and WCPT) and publications anchored on manual and sports/movement approaches with low visit counts. He is a JOSPT Manuscript Reviewer; AAOMPT Research Committee Member; OCS Item Writer; and APTA Orthopaedic Section CSM Programming Proposal Reviewer and Annual Meeting Organizing Committee. NIOSH/NIH funds his PhD studies at New York University.
2015 AWARD WINNERS

2015 Kaltenborn “Teach I Must” Award

**Gail Molloy, PT, COMT, OCS**

Gail is a founder and co-owner of PTIS. She has been a physical therapist for 20+ years and brings a wealth of knowledge and experience to her work. Gail is a nationally recognized teacher as well as a Clinical Fellowship Instructor and Examiner. She has been involved in many sports including softball, basketball, swimming, and golf. Gail is currently pursuing her doctorate degree in Health Science at Andrews University and is involved in clinical research. She is also trained in trigger point dry needling. In her spare time Gail enjoys golfing, camping and fishing as well as traveling. Gail lives in Conifer with her husband, son and Great Pyrenees.

2015 John McMillan Mennell Service Award

**Carol Courtney, PT, PhD, ATC, FAAOMPT**

Carol Courtney PT, PhD, ATC, FAAOMPT is a Clinical Associate Professor at the University of Illinois at Chicago (UIC). She studied physical therapy at Washington University, the University of South Australia, and the University of Miami. Her research investigates the effects of joint injury and osteoarthritis on pain processing and joint function, and modulation of pain mechanisms through manual therapy interventions. Dr. Courtney serves as the director of the post-professional Fellowship in Orthopedic Manual Physical Therapy at UIC. She also serves as co-chair of the Standards Committee of AAOMPT and is a deputy editor of the Journal of Manual and Manipulative Therapy.

2015 Distinguished Lecturer

**Joseph Farrell, PT, M App Sc, DPT, FAAOMPT, FAPTA**

Dr. Farrell received a Post Graduate Diploma in Manipulative Therapy and Masters of Applied Science degree in Health Sciences from Curtin University of Technology (Perth, Western Australia). He has been a practicing clinician for 36 years, private practice owner for 25 years and a clinical faculty member of the Kaiser Physical Therapy Fellowship Program in Advanced Manual Therapy for 30 years. His interest in Evidence Based Practice (EBP) was enhanced by completing a DPT in 2007. In his clinic and when teaching; he is a proponent of the integration of the EBP triad. He is a published author and speaker on the state, national and international, levels relating to treatment of the spine.
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RESEARCH PRESENTATIONS

Friday, October 23 - Located in Ballroom BC

12:00 am - 12:15 pm 5x5 Research

11:55 am - 12:00 pm Cheryl Sparks
USING FMRI TO DETERMINE IF CEREBRAL HEMODYNAMIC RESPONSES TO PAIN CHANGE FOLLOWING THORACIC MANIPULATION IN INDIVIDUALS WITH NECK PAIN

12:05 pm - 12:10 pm Brian Swanson
EMG ACTIVITY OF SELECTED ROTATOR CUFF MUSCULATURE DURING GRADE III DISTRACTION AND POSTERIOR GLIDE GLENOHUMERAL MOBILIZATION: RESULTS OF A PILOT TRIAL COMPARING PAINFUL AND NON-PAINFUL SHOULDERS

12:10 pm - 12:15 pm Chad Cook
A PRESCRIPTIVELY PRESCRIBED NON-THRUST MANIPULATION VERSUS A PRAGMATICALLY PRESCRIBED NON-THRUST MANIPULATION FOR TREATMENT OF LOW BACK PAIN: A RANDOMIZED CONTROLLED TRIAL

12:15 pm - 12:30 pm 5x5 Research - Q&A

3:05 pm - 3:35 pm 5x5 Research

3:00 pm - 3:05 pm Aaron Hartstein
THE IMMEDIATE EFFECTS OF THORACIC SPINE MANIPULATION ON THE UPPER LIMB TENSION TEST AND SEATED SLUMP TEST

3:05 pm - 3:10 pm Dr. Firas Mourad
UPPER CERVICAL AND UPPER THORACIC THRUST MANIPULATION VERSUS NON-THRUST MOBILIZATION AND EXERCISE IN PATIENTS WITH CERVICOGENIC HEADACHE: A MULTI-CENTER RANDOMIZED CLINICAL TRIAL

3:10 pm - 3:15 pm Carlos Ladeira
CLINICAL SPECIALISTS’ ABILITY TO RECOGNIZE CLINICAL PATTERNS IN VIRTUAL PATIENTS WITH LOW BACK PAIN

3:15 pm - 3:20 pm Michael Bade
DOES PRESCRIPTIVE TREATMENT OF THE HIPS IMPROVE OUTCOMES IN PATIENTS WITH LOW BACK PAIN? PRELIMINARY DATA FROM A RANDOMIZED CONTROLLED TRIAL (HILOBAS)

3:20 pm - 3:25 pm Megan Donaldson
EFFICACY OF A GENERAL LUMBAR STABILIZATION/STRENGTHENING EXERCISE PROGRAM VERSUS LUMBAR STABILIZATION/MOTOR CONTROL IN YOUTH ATHLETES WITH SPONDYLOLISTHESIS: A RANDOMIZED CLINICAL TRIAL

3:25 pm - 3:35 pm 5x5 Research - Q&A
RESEARCH PRESENTATIONS

Saturday, October 24 - Rooms Listed Below

11:00 am - 11:45 am Research Presentations (5x5 Breakout Sessions)

Lumbar/Pelvis - FRENCH ROOM
Moderator: Chris Allen

11:00 am - 11:05 am Ulrike Mitchell
PHYSIOLOGICAL EFFECTS OF MANUAL THERAPIES ON LUMBAR INTERVERTEBRAL DISCS - A SYSTEMATIC REVIEW

11:05 am - 11:10 am Sharon Wang-Price
DO THREE VERBAL INSTRUCTIONS INFLUENCE LUMBAR MULTIFIDUS MUSCLE THICKNESS DIFFERENTLY IN BOTH ASYMPTOMATIC ADULTS AND PATIENTS WITH LOW BACK PAIN?

11:10 am - 11:15 am Janice Lwin
UTILIZATION AND CONFIDENCE PERFORMING HIGH VELOCITY LOW AMPLITUDE THRUST MANIPULATION IN PRACTICE: A SURVEY OF DOCTORS OF PHYSICAL THERAPY

11:15 am - 11:20 am Jennifer Doster
TRIGGER POINT DRY NEEDLING FOR THE TREATMENT OF HIP PAIN IN THE PRESENCE OF PELVIC FLOOR DYSFUNCTION

11:20 am - 11:25 am Brittany Comer
USE OF SPINAL THRUST MANIPULATION IN A PATIENT WITH URGE URINARY INCONTINENCE: A CASE REPORT

11:25 am - 11:45 am Q & A

Hip/Knee - JONES ROOM
Moderator: Carla Franck

11:00 am - 11:05 am James Cunningham
USE OF MANUAL THERAPY AND SELF-MOBILIZATION STATUS-POST HIP ARTHROSCOPY FOR FEMOROACETABULAR IMPINGEMENT: A CASE SERIES

11:05 am - 11:10 am Emily Slaven
THE ROLE OF MANUAL THERAPY AND THERAPEUTIC EXERCISE IN REDUCING PAIN, IMPROVING MOTION, AND RESTORING FUNCTION IN PATIENTS WITH OSTEOARTHRITIS THE HIP JOINT : A CASE SERIES

11:10 am - 11:15 am Eric Gattie
DRY NEEDLING IN THE MANAGEMENT OF CHRONIC KNEE PAIN AFTER TOTAL KNEE ARTHROPLASTY

11:15 am - 11:20 am Sara Bertrand
EFFECTS OF LUMBOPELVIC JOINT MANIPULATION ON QUADRICEPS ACTIVATION IN A PATIENT FOLLOWING A TOTAL KNEE REPLACEMENT

11:20 am - 11:25 am Trudy Harvey
MANUAL THERAPY TO ADDRESS POST HERNIA FIBROSIS CAUSING PELVIC FLOOR PAIN, DECREASED HIP RANGE, ANTEROMEDIAL THIGH AND CALF PAIN, AND LOWER EXTREMITY EDEMA: A CASE REPORT.

11:25 am - 11:45 am Q & A

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RESEARCH PRESENTATIONS

Foot/Ankle - STOPHER ROOM
Moderator: Josh Cleland

11:00 am - 11:05 am Sarah Baker
DRY NEEDLING FOR PLANTAR HEEL PAIN: A CASE SERIES

11:05 am - 11:10 am John “Jake” Mischke
EFFECT OF MANUAL PHYSICAL THERAPY ON PLANTAR HEEL PAIN: A SYSTEMATIC REVIEW

11:10 am - 11:15 am Elizabeth Painter
MANUAL PHYSICAL THERAPY FOLLOWING IMMOBILIZATION FOR STABLE ANKLE FRACTURE: A CASE SERIES

11:15 am - 11:20 am Mitchell Selhorst
THE USE OF COMPRESSION TACK AND FLOSSING ALONG WITH LACROSSE BALL MASSAGE TO TREAT CHRONIC ACHILLES TENDINOPATHY IN AN ADOLESCENT ATHLETE: A CASE REPORT

11:20 am - 11:25 am Dale Gerke
DIAGNOSIS AND MANAGEMENT OF A PRE-ADOLESCENT FEMALE IRISH DANCER WITH ATYPICAL PLANTAR FOOT PAIN: CASE REPORT WITH IMAGING VALIDATION OF A FIRST METATARSAL STRESS FRACTURE

11:25 am - 11:45 am Q & A

Cervico/Thoracic - McCREARY ROOM
Moderator: Kevin Lulofs-MacPherson

11:00 am - 11:05 am Albert Pannone
T4 SYNDROME: A REVIEW OF THE LITERATURE

11:05 am - 11:10 am Firas Mourad
EFFECT OF CERVICOTHORACIC JUNCTION THRUST MANIPULATION VERSUS UPPER CERVICAL AND UPPER THORACIC THRUST MANIPULATION ON PAIN, DISABILITY AND BLOOD FLOW IN PATIENTS WITH UPPER TRAPEZIUS MYALGIA

11:10 am - 11:15 am Shannon Petersen
SCAPULOTHORACIC MUSCLE STRENGTH IN INDIVIDUALS WITH AND WITHOUT NECK PAIN

11:15 am - 11:20 am Alycia Markowski
EXAMINING PHYSICAL THERAPY STUDENTS’ ABILITY TO EVALUATE FINDINGS FROM AN ORAL HEALTH SCREENING IN EVALUATION AND MANAGEMENT OF THE TEMPOROMANDIBULAR JOINT

11:20 am - 11:25 am Holly Pulket
EVIDENCE-GUIDED PHYSICAL THERAPY FOR A PATIENT WITH A 10-YEAR HISTORY OF CERVICOGENIC HEADACHES: A CASE REPORT

11:25 am - 11:45 am Q & A
RESEARCH PRESENTATIONS

OMPT Topics - SEGELL ROOM
Moderator: Amy McDevitt

11:00 am - 11:05am Cheryl Sparks
THE EXAMINATION OF PATIENT EXPECTATIONS ASSOCIATED WITH MANIPULATION MODULATED PAIN RATINGS AND SIGNAL CHANGES USING BLOOD OXYGENATION LEVEL DEPENDENT (BOLD) FUNCTIONAL MAGNETIC RESONANCE IMAGING (FMRI)

11:05 am - 11:10 am Robert Boyles
EFFECTIVENESS OF TRIGGER POINT DRY NEEDLING FOR MULTIPLE BODY REGIONS: A SYSTEMATIC REVIEW

11:10 am - 11:15 am Robert Boyles
EFFECTIVENESS OF SPINAL MANIPULATION IN THE TREATMENT OF NON-MUSCULOSKELETAL DISORDERS: A SYSTEMATIC REVIEW

11:15 am - 11:20 am Megan Donaldson
A DESCRIPTION OF CIVILIAN PHYSICAL THERAPISTS’ KNOWLEDGE IN MANAGING MUSCULOKELETAL CONDITIONS

11:20 am - 11:25 am Karen Westervelt
INTERNATIONAL COLLABORATION IN MANUAL PHYSICAL THERAPY: AN OPENING OF IDEAS AND OPPORTUNITIES

11:25 am - 11:45 pm Q & A

Shoulder - COE ROOM
Moderator: Leah Ruggirello

11:00 am - 11:05 am Nancy Talbott
INTERSESSION RELIABILITY OF THREE GRADES OF POSTERIOR GLENOHUMERAL MOBILIZATION: IN VIVO MEASUREMENTS USING ULTRASOUND IMAGING

11:05 am - 11:10 am James Dunning
CHANGES IN SHOULDER PAIN AND DISABILITY AFTER THRUST MANIPULATION IN SUBJECTS PRESENTING WITH SECOND AND THIRD RIB SYNDROME

11:10 am - 11:15 am Lesli Bell
PRELIMINARY STUDY OF MULTIDISCIPLINARY MOBILIZATION UNDER ANESTHESIA FOR ADHESIVE CAPSULITIS PROVIDED IN AN OUTPATIENT PHYSICAL THERAPY AND PHYSICIAN SETTING

11:15 am - 11:20 am Sean Riley
THE SHOULDER PAIN AND DISABILITY INDEX: IS IT SENSITIVE AND RESPONSIVE TO IMMEDIATE CHANGE?

11:20 am - 11:25 am Caitlyn Lang
USE OF ADVANCED TREATMENT TECHNIQUES INCLUDING ECCENTRICS AND DRY NEEDLING IN A PATIENT WITH TENDINOSIS OF THE LONG HEAD OF THE TRICEPS

11:25 am - 11:45 pm Q & A
Upper Quadrant Topics - BECKHAM ROOM
Moderator: Steve Shaffer

11:00 am - 11:05 am Dexter Witt
MANUAL ASSESSMENT OF INFERIOR GLENOHUMERAL JOINT STIFFNESS

11:05 am - 11:10 am Dexter Witt
CHANGES IN FORCES IN THE UPPER SPINE DURING A BRIDGING ACTIVITY

11:10 am - 11:15 am Ron Schenk
THE RELIABILITY OF THE CERVICAL RELOCATION TEST ON PEOPLE WITH AND WITHOUT A HISTORY OF NECK PAIN

11:15 am - 11:20 am Jason Myerson
PERISCAPULAR DRY NEEDLING AND ACTIVITY MODIFICATION FOR THE TREATMENT OF NECK AND UPPER EXTREMITY PAIN: A CASE REPORT

11:20 am - 11:25 am Timothy Nolen
DIFFERENTIAL DIAGNOSIS AND PHYSICAL THERAPY MANAGEMENT OF UPPER EXTREMITY PAIN AND PARESTHESIA: A CASE REPORT

11:25 am - 11:45 am Q & A
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Rep(s): Chelsea Deloach, Craig O’Neil, Tony Uber

EXHIBITORS
### Exhibitors By Booth Number

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**SI-BONE**
- Rachelle Bell
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- rbell@si-bone.com
- Phone: 408-207-0700 x2208
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