



**For More Information:**

Phone: 1-800-210-5856

E-MAIL: [info@glseminars.com](mailto:info@glseminars.com)

This course is also available as a Private Course for your staff. Please call 1-800-210-5856 or visit us on the web at [www.glseminars.com](http://www.glseminars.com) for more details. Payment in full is due with registration and there is a non-refundable cancellation fee of \$50. There will be no refunds given after the two week (14 calendar days) mark before a seminar. Great Lakes Seminars reserves the right to cancel the course due to unforeseen/unavoidable circumstances. In the event of cancellation Great Lakes Seminars will not be responsible for any charges incurred by the registrant due to cancellation of the course, other than the course cost.

**2019 Course Schedule**

- February 16-17, 2019 - Portland, OR
- March 16-17, 2019 - Chattanooga, TN
- April 13-14, 2019 - Reno, NV
- June 8-9, 2019 - Virginia Beach, VA
- September 21-22, 2019 - Newark, NJ
- October 26-27, 2019 - San Francisco, CA

**Continuing Education**

This course has been submitted for 16 continuing education hours. Approval amounts may vary per state. Certificates of attendance with the number of course hours will be given to each participant at the completion of the course.

2768 Centennial Road  
Toledo, OH 43617  
800-210-5856  
[www.glseminars.com](http://www.glseminars.com)



**Finding Dysfunction:  
A Master Clinician's  
Approach to Finding the  
Cause of Patients' Pain**

**2019**



We Don't Just Teach. We Inspire.

**75% Hands-On Training**  
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with confidence

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Learn from specialized  
instructors who truly care

**The GLS Experience**  
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that will fly by

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# Finding Dysfunction: A Master Clinician's Approach to Finding the Cause of Patients' Pain

## Course Objectives

At the completion of the seminar, the participant will be able to:

- synthesize data from a clinical exam to develop a master-level approach to finding the root cause of upper and lower extremity pain.
- identify 4 pathological barriers to motion which can contribute to peripheral joint pain.
- apply the Joint-Muscle-Fascia-Compensation Framework to justify single and multiple dysfunctions that can contribute to peripheral joint pain.
- devise 1-2 pain pathways for upper and lower extremity joints in all 3 planes of motion.
- apply the Hypo-Hyper Compensation Model, and as outlined in the manual, and identify 4 ways in which this model contributes to the origin of peripheral joint pain.



## Kelly Poppaw, PT, DPT, CIMT

Kelly holds a Doctorate degree in Physical Therapy from Grand Valley State University. Kelly received her Bachelor's degree from Eastern Michigan University where she was a NCAA Division One athlete and Captain of the Women's Soccer Team. As a Certified Integrated Manual Therapist, Kelly

is credentialed through Great Lakes Seminars to assess mechanical dysfunction from a holistic perspective, and she is very comprehensive in her treatment approach. She uses a wide variety of manual therapy techniques, functional exercise, and patient education to provide people with an exceptionally high quality of care. She treats orthopedically across the entire age spectrum from birth to adult to geriatrics. Kelly created this course after working under Patrick Hoban for a number of years. She has a passion to teach clinicians how to think systematically; find the root of the patient's problem on day-one, and eliminate the potential for misdiagnosis. Kelly is a Physical Therapist and Clinic Director at Probility Physical Therapy, a Trained Steward of the leadership methodology Intentional Energetic Presence (IEP) and uses her experience in these areas to create and sustain thriving businesses and cultures.

## Course Outline

### Saturday

- 7:30am Continental Breakfast  
8:00am Lecture: Introduction, Overview of the Keys to Finding Dysfunction  
9:30am Lecture: Key Concepts - Discussion on Mechanical Pain  
11:00am Lecture: Key Concepts with Finding Joint Dysfunctions:
  - Hypo-Hyper Compensation Model
  - Test-Treat-Retest Concept
  - Clinical Pearls of Palpation12:00pm Lunch (on your own)  
1:00pm Lecture: Key Concepts with Finding Muscle
  - Hypo-Hyper Compensation Model
  - Muscle Length-Tension Relationship
  - Muscle Tone Dysfunction2:45pm Lecture: Key Concepts with Finding Muscle Dysfunction, continued
  - Muscle Actions, Functions, and Force Couples
  - Etiology of Muscle Dysfunctions2:45pm Review of Evidence-Based Literature  
4:00pm Review Questions and Self-Assessment  
4:30pm Adjourn  
5:30pm

### Sunday

- 7:30am Continental Breakfast  
8:00am Lecture: Review Questions Lab: The elbow complex mobilizations  
9:00am Lecture: Key Concepts with Finding Fascial Dysfunctions:
  - Recognizing the Four Fascial Layers
  - Scars
  - The Roles of Fascia
  - Myofascial Slings10:45am Lecture: Key Concepts with Finding Compensation Dysfunctions
  - Compensation and Hyperactivity
  - Examples of Movement Compensations
  - Functional Synergies12:00pm Lunch (on your own)  
1:00pm Lecture: Applying the Joint-Muscle-Fascia-Compensation (JMFC) Framework (identifying key dysfunctions in hip, knee, ankle, foot, shoulder, elbow, and wrist regions)  
3:15pm Lecture: Case Studies and Speed Thinking using Pain Algorithms  
4:45pm Questions, Post-Test, Course Evaluation  
5:00pm Adjourn

## REGISTER TODAY!

Register online at [www.glseminars.com](http://www.glseminars.com), fill out the below form and fax to Great Lakes Seminars at 800-889-0358 or mail your registration and payment to: 2768 Centennial Road, Toledo, OH 43617.

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Course Location: \_\_\_\_\_  
Course Fee: \$575

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“ Kelly is awesome and so knowledgeable. Great course. GLS courses changed the way I treat my patients. ” - Philadelphia, PA