

JOIN US! ONE DAY WORKSHOP

THURSDAY OCTOBER 6, 2016 • 8:00am to 5:00 p.m.



Workshop Title: Pain Mechanism Update: Spinal Pain

Instructor: David Seaman, DC, MS, FACC

Dr. Seaman is a professor of clinical sciences at the National University of Health Sciences in Pinellas Park, Florida, where he teaches clinical nutrition and evaluation and management of the musculoskeletal and cardiorespiratory systems. He also is a faculty member for National's Masters of Science program in advanced clinical practice.

Dr. Seaman is a graduate of Rutgers University and then New York Chiropractic College. He received a Master's degree in nutrition from the University of Bridgeport and a diplomate in neurology through Logan College of Chiropractic.

Dr. Seaman has authored a book on clinical nutrition for pain and inflammation and has written several chapters and articles on this topic. His academic and clinical interests are focused on how pain and symptom/disease expression can be modulated with lifestyle choices and manual/rehabilitative interventions.

A popular and renowned speaker on the various areas of nutrition, Dr. Seaman was recognized as the ACA's Academician of the Year in 2006.

**SEE INSIDE
for Full Conference
Program Highlights**

ANNUAL CONFERENCE

**American College of Chiropractic Consultants AND THE
Council on Forensic Sciences* West Hartford Group**



**American College
of Chiropractic Consultants**
8219 Kennedy Ave
Highland, IN 46322

Phone: 219.838.3141
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On the web at: www.ACCC-chiro.com

ANNUAL CONFERENCE

Knowledge and Skill Building for the Chiropractic Clinician & Expert

**October 6-8
2016**

For those interested in full conference program details including course descriptions, fees and registration use the contact information on the Evidence Informed Practice workshop registration form.

8 Hours of continuing education for the Thursday morning/afternoon program*, 2.5 Hours for the Thursday evening session, and 16 hours for the main conference program on Friday and Saturday applied for in most states. Total available hours for all three days 26.5. Continuation education credits applied for by National University of Health Sciences, 200 E. Roosevelt, Lombard IL, 60148.**

FULL CONFERENCE PROGRAM HIGHLIGHTS

THURSDAY EVENING, OCTOBER 6, 2016 For Early Arrivals

- **Whiplash Associated Disorders: The pathway from acute to chronic pain and Statin Myopathy: A common cause of chronic pain**

FRIDAY, OCTOBER 7, 2016 Main Conference Begins

- **Registration and Full Breakfast Buffet Provided to Conference Attendees**
- **Ride the Wave of the Silver Tsunami**
- **My Perspective on Causation and Vertebral Artery Dissection**
- **A Question of Causation: Spinal Cord Stroke and Chiropractic Care**
- **AMA Guides 4, 5, 6th editions**
- **My Perspective on Causation and Vertebral Artery Dissection**
- **A Question of Causation: Spinal Cord Stroke and Chiropractic Care**
- **AMA Guides 4, 5, 6th editions**
- **Overview of the Texas Workers Compensation System**
- **Evidence Based Medicine 2.0**

SATURDAY, OCTOBER 8, 2016

- **Full Breakfast Buffet Provided to Conference Attendees**
- **10 Clinical Tests That Improve Outcomes: Functional diagnostic pearls gleaned from a review of 5000 articles**
- **A New Continuum Model for Clinical Knowledge Transfer**
- **ChiroFirst Study: Case for Conservative Care**
- **New Frontiers in Chronic Myofascial Pain and Central Sensitization: Integrating Advancements in the Pain Sciences with Evaluation and Treatment Strategies**
- **Introduction to Musculoskeletal Diagnostic Ultrasound**

CONFERENCE SPEAKERS

Tim Bertelsman, DC
Bill Defoyd, DC
Tabatha Erck
Mike Fergus, DC
Clayton Hopkins, DC
James J. Lehman, DC
Michele Maiers, DC, MPH, PhD
Albert Mitsos, MD
Craig Nelson, MS, DC
Jay Shah, MD
Brandon Steele, DC
Steve Yeomans, DC

CONFERENCE CHAIR

Rob Servais, DC

CO-CHAIR

Justin Mitchel, DC

Knowledge and Skill Building for the Chiropractic Clinician & Expert

Annual Meeting of the American College of Chiropractic Consultants, Council on Forensic Sciences and the West Hartford Group



OPENING DAY PROGRAM WORKSHOP



Workshop Title: *Pain Mechanism Update: Spinal Pain*

Instructor: David Seaman, DC, MS, FACC

Date and time: Thursday, October 6, 2016 from 8:00 a.m. to 5:00 p.m.

Where: Chicago Marriott Oak Brook, 1401 W 22nd Street, Oak Brook, IL

Workshop Description: Material will cover: Principles of diagnosis applied to the pain patient; Embryology and pain (a clinical pearl); Innervation of the spine and musculoskeletal system; Homeostatic mechanisms run amok and the relationship to chronic pain; Neurogenic inflammation – an underlying drive behind most pain syndromes; Peripheral nociceptive sensitization; Central nociceptive sensitization; and, Markers of chronic inflammation that impact spine and other musculoskeletal pains.

Hour 1: Principles of diagnosis applied to the pain patient

Red flags
Pain generators
Underlying health problems – biomechanical and biochemical

Hour 2: Embryology and pain – a clinical pearl

Nociceptive pain
Neuropathic pain
Clinical classification system

Hour 3: Innervation of the spine and musculoskeletal system

Joint, muscle, disc innervation patterns
Nerve fiber types in relation to proprioception, pain, and homeostasis

Hour 4: Homeostatic mechanisms run amok and the relationship to chronic pain

How tissue innervation patterns with group IV afferents control homeostasis
Segmental and suprasegmental mechanisms
How our biomechanical, psychological, and nutritional lifestyle determines tissue biochemistry and homeostasis

Hour 5: Neurogenic inflammation – an underlying drive behind most pain syndromes

Osteoarthritis – a stereotypical example
Why OA is not merely a “non-inflammatory, wear & tear” condition
Why mechanical back pain is really not “mechanical”

Hour 6: Peripheral nociceptive sensitization

Microscopic anatomy of the nociceptive fibers
Chemistry of nociceptive fibers
Understanding the mechanisms of common medications for treating pain and the chemistry that demands their use: NSAIDs, acetaminophen, corticosteroids, biologics for RA, DMARDs for RA
Psychosocial factors

Hour 7: Central nociceptive sensitization

Anatomy of central synapses in the dorsal horn
Glial cells in the generation of chronic pain
Rationale for Cymbalta and Lyrica [in the treatment of fibromyalgia]
Central mechanism of NSAIDs and acetaminophen
Psychosocial factors

Hour 8: Markers of chronic inflammation that impact spine and other musculoskeletal pains

Disc herniation as the example
Surrogate anthropometric markers of inflammation
Surrogate laboratory markers of inflammation
Direct laboratory markers of chronic inflammation

***fulltime NCMIC D.C.'s get a yearly 5% premium discount for three consecutive policy years for attending this 8 hour course**

REGISTRATION FORM

An Introduction to Evidence Informed Practice and Research Methods

8 hour continuing education course providing an introduction to evidence informed practice and research methods. This presentation is for the doctor in clinical practice that wants to upgrade their ability to search, interpret and apply the evidence from scholarly articles into their daily practice. This is also for the doctor engaged in teaching or beginning a health related research career, and wants a review of scientific knowledge acquisition and understanding.

Thursday October 6, 2016 (8:30 a.m.- 5:30 p.m.) Chicago Marriott Oak Brook

PLEASE PRINT

Complete Name: _____ First name for badge: _____

Office Address: _____

City/State/Zip: _____

Mailing Address: _____

City/State/Zip: _____

Office Phone: () _____ Fax: () _____ E-mail: _____

In Case of Emergency during the conference, please contact this person:

Name: _____ Daytime Phone: () _____ Evening Phone: () _____

FEES: \$ 99.00 for registrations received by September 10, 2014
\$125.00 for registrations received after September 10, 2014
\$ 25.00 for Students

MAIL: Dr. David Cox
8219 Kennedy Ave
Highland, IN 46322
Phone: (219) 838-3141

FAX: (219) 237-2274 **credit card payment only**

Payment must accompany registration

If rebilling of credit card charge is necessary, a \$25 processing fee will be charged.
Checks not in US funds will be returned. A charge of \$25 will apply to checks returned for insufficient funds.

Account Number _____ Security Code _____

Expiration Date: ___/___/___ Signature _____

Cardholder's Name (please print) _____

Cancellation Policy:

ALL CANCELLATIONS MUST BE MADE IN WRITING. A \$25 processing fee will apply to all cancellations postmarked or faxed more than 30 days before the workshop. A \$50 processing fee will be charged for cancellations postmarked or faxed between 14 and 29 days before the workshop. No refunds will be made on cancellations postmarked less than 14 days before the workshop.