



*Mark your calendars! 14 different speakers*  
**THE COLLEGE ON FORENSIC SCIENCES**  
presents for re-certification

*"Crash" into Vehicular Trauma: A Medicolegal Perspective*

**6<sup>th</sup> Annual Advanced Forensic Workshop**

CME: 22.25 Hours Available

Co-sponsored by  
National University of Health Sciences

***Date/Time***

Thursday - September 07, 2006 • 8:00 am - 5:30 pm

Friday - September 08, 2006 • 8:00 am - 5:00 pm

Saturday - September 09, 2006 • 8:00 am - 3:15 pm

***Location***

Resort Suites of Scottsdale is located at  
7677 E. Princess Blvd. • Scottsdale, AZ 85255  
(This program is being held at the same time  
as the ACA House of Delegates meeting)

**Room Reservations:** toll-free at 1-888-222-1059  
**Room Rate:** \$135.00 for a single or double  
**Room Reservation Cutoff Date:** August 07, 2006

***Chairperson***

Thomas Ray, DC, DABFP  
223 East Columbus Road  
Bellafontaine OH 43311  
Phone: (937) 593-1736 Fax: (937) 592-3324  
[tomray@logan.net](mailto:tomray@logan.net)

***Approval***

**NCMIC policyholders who complete attendance (all 8 hours) on September 07, 2006 qualify for a 5% Premium Discount for one year on the renewal of their NCMIC Malpractice Insurance.**

**Meets the requirements for re-certification for the DABFP and is approved by the American Board of Forensic Professionals (ABFP).**

**This program is approved for FACO re-credentialing by the Academy of Chiropractic Orthopedists.**

National University of Health Sciences (NUHS) has applied for license renewal hours in all 50 states. If license renewal credit is needed, please call Dr. Jonathan Soltys to verify if this workshop is approved by your state.

Jonathan R. Soltys, D.C. Postgraduate Dean  
National University of Health Sciences  
200 E. Roosevelt Road, Lombard, IL 60148  
Phone: (630) 889-6620 Fax: (630) 889-6482 [jsoltys@nuhs.edu](mailto:jsoltys@nuhs.edu)

Every attempt is made to offer this program as publicized. However, the CFS and NUHS reserve the right to adjust program dates, locations, times, instructors, etc. to accommodate unexpected faculty or student needs and cancel due to insufficient enrollment. For this reason we do not recommend at-the-door registration without prior confirmation of workshop status. Attendance will be limited. Register for this program prior to making hotel and travel arrangements. CFS is not responsible for any expenses incurred by registrants due to program adjustments or cancellation.

# THE COLLEGE ON FORENSIC SCIENCES

presents for re-certification

## "Crash into Vehicular Trauma: A Medicolegal Perspective" – 6th Annual Advanced Forensic Workshop

### SCHEDULE

#### September 07, 2006

7:00 - 8:00 REGISTRATION  
ALL SESSIONS: Jay Triano, DC, PhD - 8 hours

##### **Ambiguity of Neck Complaints and Artery Disease**

Differential diagnosis and management of neck related complaints is embroiled in the controversy of risk of cervical artery complications. Big lie, minimal risk or clinical fact – the perspective on treatment of the cervical spine and causation for stroke varies depending on the reviewer. Much more is known now about the biomechanics, pathology and risks of carotid and vertebral artery disease in patients being treated with adjusting and other manual methods than ever before. This presentation will review the facts, dispel myths and advise on the identification and treatment of patients who are at risk or who have had stroke. At the same time it will review differential diagnosis and management of common neck related syndromes.

8:00 - 9:30 Epidemiology and etiology of neck pain  
9:30 - 9:45 **BREAK & NETWORKING OPPORTUNITY**  
9:45 - 11:00 Cervical biomechanics  
11:00 - 12:00 Discogenic and spondylyolytic neck pain  
12:00 - 1:00 LUNCH  
1:00 - 2:15 Diagnostic features of neck pain, radiculopathy and myelopathy  
2:15 - 3:00 Manipulation, skill and neck pain pathology  
3:00 - 3:15 **BREAK & NETWORKING OPPORTUNITY**  
3:15 - 4:00 Cervicothoracic rehabilitation  
4:00 - 4:30 Neck pain, headache and stroke risk  
4:30 - 5:00 Vascular incidents in process and incident management  
5:00 - 5:30 Concluding Roundtable Discussion SESSION ENDS  
  
6:00 - 8:00 CFS Sponsored Reception

#### September 08, 2006

7:30 - 8:00 REGISTRATION  
8:00 - 9:00 Leo J. Bronston, DC, FACO – 1 hour

##### **Is It Real or Biopsychosocial: An Examiner's "Blind Spot"**

Is it possible to identify the patient at risk of a prolonged recovery during the first clinical encounter? Is this an important aspect in order to provide care? Does the clinician need to modify management approach when presented with patients who are provider-dependent and/or have a tendency to chronicity?

It has been frequently reported that identification of patients who tend to have provider-dependent profiles is important during the early stage to set management goals. A review of the literature can be exhaustive in order to determine what tools are available for assessment and/or identification of the patient at risk for prolonged recovery. A review of several identification and management strategies is presented. The intent of the presentation is to evaluate subjective and objective tools utilized to help identify the patient at risk for prolonged recovery.

9:00 - 10:00 Jack Morgan – Cincinnati Insurance SIU – 1 hour  
**Special Investigations of Motor Vehicle Trauma and Bodily Injury**  
Case studies from the Special Investigations Unit (SIU) will include actual transcripts of statements, video tapes of the claimants and some stories that will be hard to believe. This presentation will review how detection of deception techniques are used to determine the difference between a truthful and deceptive claimant, and how this may benefit all of the participants.

10:00 - 10:15 **BREAK & NETWORKING OPPORTUNITY**  
10:15 - 12:15 Jack Morgan – SIU Cincinnati Financial – 2 hours  
**Special Investigations – cont'd**  
12:15 - 1:00 **BREAK & NETWORKING OPPORTUNITY WITH WORKING LUNCH SERVED**  
1:00 - 2:00 Jeff Bergin – Bleaman Law Firm PC – 1 hour  
**Navigating Scientific Evidence: A Defense Perspective of Low Velocity Impact Cases**  
Defense counsel will often argue that bodily injuries cannot arise from the low speed automobile accident. The biomechanical analysis involved with these cases will be discussed including the importance of testimony from a medical professional to support and supplement the biomechanical analysis. Examples of biomechanical opinions that are unsupported or vulnerable to attack will be reviewed.

2:00 - 3:30 Scott Palmer – Pres & CEO – Injury Sciences  
Jeffrey Crafts – Gilbert, Kelly, Crowley & Jennett LLP - 1.5 hours  
**Telematics: Big Brother Is Watching?**  
This session will present the data that is available from a vehicle's Event Data Recorder (EDR), also known as the "Black Box" and data accessed via vehicle's communications systems such as OnStar. Access to and potential uses of the data in crash and injury evaluations will be discussed in the context of the current public opinions and the legal and legislative landscape.

3:30 - 5:00 Roger Russell, DC, MS, FACO – 1.5 hours  
**The Big Bang – Common Injury Patterns Based on PDOF (Principle Direction of Force)**  
Information pertaining to occupant injury based on various Principle Directions of Force (PDOF) inherent in motor vehicle collisions will be presented. With each PDOF there are consistent "injury patterns". Injury patterns based on mechanism of injury are important to understand when rendering professional opinions.

5:00 - 6:00 CFS Annual Membership Meeting

#### September 09, 2006

7:30 - 8:00 REGISTRATION  
8:00 - 8:45 Steve Baker, DC, DABCO, DABFP - .75 hours

##### **Bodily Injury Practices: An Examining Board Perspective**

This presentation will highlight the chain of events that occurs when a state licensing/regulatory board becomes involved in a vehicular trauma case. This will include complaints against a treating physician by patients, attorneys, insurance companies, and criminal investigative agencies such as the FBI, state attorneys general, and NICB. This presentation will also look at the complaint filed against an independent physician by patients, attorneys, and treating physicians. Particular attention will be given to avoiding complaints and minimizing exposure if a complaint is filed.

8:45 - 9:30 Clayton Hopkins, DC, DABFP - .75 hours  
**Meeting by Accident...Developing Attorney Referrals**  
A diverse practice is a healthy practice. Each subset of your "patient population" has its own particular set of headaches and rewards. "Personal injury" patients require more detailed documentation and supervision (headache) than a wellness patient but the reimbursement is usually substantially greater (reward). Marketing your practice to the attorney referral sources can be easy and inexpensive (no headache) and result in significant income growth (big reward). I would like to share with you my successes in marketing to this referral resource.

9:30 - 10:15 Susanne Luse – Jones, Skelton & Hochuli, PLC - .75 hours  
**Expert Witness Selection – How to Avoid Pitfalls**  
Many cases are won or lost on expert witness testimony. An expert witness can make or break a case depending upon a number of factors. Issues such as the qualification of an expert witness (primarily for Federal courts), the preparation of written reports, documentation of physical examinations and the analysis behind the report, not to mention presentation in front of a jury, are only some of the issues to be discussed.

10:15 - 10:30 **BREAK & NETWORKING OPPORTUNITY**  
10:30 - 11:15 Paul Dickerson, DC, DIBCN - .75 hours  
**Stretched Beyond Their Means: Brachial Plexus Injuries**  
Pain suggesting nerve root involvement should be thoroughly investigated. Knowledge of the vector in a motor vehicular collision can be quite helpful to linking causation to an injury. Certain peripheral neural tissue is more susceptible to injury due to their anatomical positioning than others. Risk factors such as joint hypertrophy, disc degeneration, and vascular variants may affect the clinical picture, and thus require consideration in their affect on the injury. This presentation will review the related anatomy and some common peripheral injuries in the brachial plexus. A recent study concluded that reliance solely on MRI scans was less accurate in identifying brachial plexus injuries than the combination of MRI and EMG studies and examination. The speaker will attempt to focus an ample amount of time towards recent literature concerning this topic.

11:15 - 12:15 Stephen Perle, DC, MS – 1 hour  
**Is it Fraud or Philosophy?**  
This presentation will investigate the economics of practice in the BI/PI world. In the healthcare marketplace supply and demand does not operate. More healthcare providers results in physician induced demand, raising costs with increase supply. Limitations on fees can cause increased number of visits and patients to increase income. Given the high chiropractic student debt there is pressure to do anything for money for economic survival. For others rather than economic pressures, high volumes may be the result of an insatiable desire for more money. There will also be a discussion of various different practice models in the BI/PI world.

12:15 - 1:00 **BREAK & NETWORKING OPPORTUNITY WITH WORKING LUNCH SERVED**  
1:15 - 2:00 Kent Hammond - Rudolph & Hammond, LLC - .75 hours  
**Steering Clear of Provider Bias**  
Specifically, in cases where a provider is called as a witness to testify on behalf of his or her patient or performs an independent evaluation, the opposing party will seek to discredit the provider's opinions by attempting to show bias. Mr. Hammond will discuss how to recognize bias and minimize the appearance of patient advocacy in the litigation setting.

2:00 - 2:45 Paul Dickerson, DC, DIBCN - .75 hours  
**Between a Rock and a Head Space: Closed Head Injuries**  
Closed head injuries from vehicular trauma are a broad topic involving several subgroups. Physical properties of their cerebrocranial vault will be discussed along with typical vector considerations to various regions of the brain. Recent research articles from Medline, CDC and other sources will take considerable weight in this lecture. Due to the nature of the injuries covered in the topic matter, the clinician must filter through possible physical concomitant complaints attributable to cerebrocranial injury as well as other somatic areas. Psychosocial considerations are also not uncommon. A neuropsychological understanding of closed head injuries is of benefit to determine a long term prognosis. Established assessments such as the mini mental examination (MME) MMPI and the Hamilton Scale will be addressed briefly. Maximal medical improvement according to AMA guidelines in respect to neuropsychological sequelae will also be briefly discussed.

2:45 - 3:30 Michael Nehring, DC, DABCO - .75 hours  
**Fee for Performance: Auto Trauma Care Networks**  
Fee for performance is a business model that lends to improving the quality of health care. However, the caveat is in the measurement of outcome and patient satisfaction. Fee for performance systems must protect the public from unscrupulous health care providers who may manipulate outcome data to enhance payment. A Colorado Independent Physician's Association demonstrated utilizing objective outcome assessment tools, patient satisfaction surveys and cost studies that the next generation of auto trauma care may be enhanced while rewarding for therapeutic benefit rather than for providing services.

3:30 **SESSION ENDS - SAFE TRAVELS**

**TOTAL HOURS: 22.25**

# CFS 6<sup>TH</sup> ANNUAL ADVANCED FORENSIC WORKSHOP REGISTRATION

September 07- 09, 2006 ✧ Resort Suites of Scottsdale ✧ Scottsdale, AZ 85255 ✧ 1-888-222-1059

## 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: (     ) \_\_\_\_\_

## Full Conference Registration – September 07- 09, 2005

### Check appropriate box

**Fees:** (Includes working lunch)

**Thursday only:**

CFS/CCO/ACCC Member (\$225)

CCO Members (No Charge – afternoon Thursday sessions only)

Non-Member (\$325)

Student (\$25) • (Thursday Session limited to first 8 student registrants)

**Friday-Saturday Only**

CFS/CCO/ACCC Member (\$325)

Non-Member (\$425)

Student (\$45)

**Thursday-Friday-Saturday**

CFS/CCO/ACCC Member (\$475)

Non-Member (\$650)

Student (\$65)

**TOTAL \$**

All registrations postmarked or faxed after August 18, 2006, or at the door will be charged the non-member fee.

## Registration – September 07- 09, 2006

**MAIL:** 6<sup>th</sup> Annual Advanced Forensic Workshop  
Thomas Ray, DC, DABFP  
223 East Columbus Road  
Bellafontaine OH 43311

**FAX:** (937) 592-3324 **credit card payment only**

### Payment must accompany registration

If rebilling of credit card charge is necessary, a \$35 processing fee will be charged

Checks not in US funds will be returned

A charge of \$35 will apply to checks returned for insufficient funds

Account Number: \_\_\_\_\_

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 15 and 29 days before the workshop. No refunds will be made on cancellations postmarked less than 14 days before the workshop.

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***"Crash" into Vehicular Trauma: A Medicolegal Perspective***

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Soft tissue injury, secondary to vehicular trauma, remains one of the most baffling and perplexing of all human afflictions. Humans, with the invention of motorized forms of transportation/recreation, have been continually distressed by the unique and yet consistent constellation of symptoms that Crowe first called "whiplash" in 1928.

Forensic examiners often find themselves in a clinical dilemma when they are asked to opine on a soft tissue injury case. Is this injury real or imagined? Are the subjective complaints consistent with the objective findings? Are there underlying biopsychosocial factors? How do we present the information within our medicolegal report?

The soft tissue injury evaluation must be approached rationally and with a good understanding of the underlying pathology and/or multifactorial issues. This program will present a wealth of information covering many important soft tissue injury topics encountered within the medicolegal arena.

**CME: 22.25 Hours Available**

**Co-sponsored by National University of Health Sciences**