



continuing medical
education

20th Annual Physical Medicine & Rehabilitation Scientific Day: Concussion and the Developing Brain

UT Southwestern
Medical Center

Saturday, May 5, 2018

Sponsored by

UT Southwestern Department of
Physical Medicine & Rehabilitation and the
Office of Continuing Medical Education



UT Southwestern Medical Center
T. Boone Pickens Biomedical Building
NG3.112 Auditorium
6001 Forest Park Road
Dallas, TX 75235

Purpose & Content

This program is designed to highlight recent scientific advances in the field of Mild Traumatic Brain Injury/Post-concussive Syndrome (MTBI/PCS) in the field of Physical Medicine and Rehabilitation in children and adult. This program will also showcase the research performed by residents, fellows and members of the Department of Physical Rehabilitation.

Accreditation

UT Southwestern Medical Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Objectives

Upon completion of this activity, participants should be able to link the educational objectives to Core Competencies (Medical Knowledge) and:

- Describe evidence suggesting lingering changes in brain function in some youth after clinical recovery from concussion.
- Discuss evaluation tools which may be sensitive to lingering concussion-related changes in brain function.
- Recognize the relationship between cerebrovascular blood flow, inflammatory peptides, and symptom resolution after concussion in young adults.
- Define coordination and different categories of coordination.
- Describe evidence indicating associations between coordination and cognitive performance.



UT Southwestern Medical Center
Department of Physical Medicine &
Rehabilitation

Credit Designation

Physicians: The University of Texas Southwestern Medical Center designates this live activity for a maximum of 4.5 *AMA PRA Category 1 Credits*.™ Physicians should only claim credit commensurate with the extent of their participation in the activity.

Physical Therapists: An application has been submitted to the Texas Board of Physical Therapy Examiners to request approval for continuing competence requirements for PT's and PTA's.

Conflict of Interest

All persons in the position to control the content of an education activity are required to disclose all relevant financial relationships in any amount occurring within the past 12 months with any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on patients. A primary mechanism to resolve identified conflicts of interest is a content review that is prior to the activity.

Discussion of Off-Label Use

This course is meant to educate physicians with what is currently in use and what may be available in the future. There may be "off-label" use discussed in the activity. Speakers have been requested to inform the audience when off-label use is discussed.

Course Chair:

Benjamin N. Nguyen, M.D.—*Professor, Department of Physical Medicine & Rehabilitation UT Southwestern Medical Center, Dallas, Texas*

UT Southwestern Faculty:

Kim Barker, M.D.— *Assistant Professor, Department of Physical Medicine & Rehabilitation, Dallas, Texas*

Kathleen Bell, M.D.— *Professor & Chair, Department of Physical Medicine & Rehabilitation, Dallas, Texas*

Shannon Juengst, Ph.D., CRC— *Assistant Professor, Department of Physical Medicine & Rehabilitation, Dallas, Texas*

Candice Osborne, Ph.D., MPH, OTR — *Assistant Professor, Department of Physical Medicine & Rehabilitation, Dallas, Texas*

Guest Faculty:

Stacy Suskauer, M.D.— *Research Scientist, Director, Brain Injury Clinical Research Center Co-Director of the Center for Brain Injury Recovery Kennedy Krieger Institute Associate Professor Departments of Physical Medicine & Rehabilitation and Pediatrics Johns Hopkins University School of Medicine*

Agenda

Saturday, May 5, 2018

7:30 am Registration/Breakfast

8:00 am - 8:10 am Introduction
Benjamin N. Nguyen, M.D.

8:10 am - 9:15 am Phala Helm Lecture: Current Concepts in Concussive Care
Stacy Suskauer, M.D.

9:15 am – 9:30 am Differences in Pre-Season King-Devick Scores in Recreational vs. Competitive Youth Soccer Players
Ugo Bitussi, D.O.

9:30 am – 9:45 am Intra-articular Triamcinolone vs. Hyaluronate Injections for Low Back Pain with Symptoms Suggestive of Lumbar Zygapophyseal Joint Arthropathy: A Pragmatic, Double Blind Randomized Controlled Trial
Nicholas Elkins, D.O.

9:45 am – 10:00 am Use of Bisphosphonates in Burn Patients to Decrease Joint Ankylosis in Heterotopic Ossification
Mark Fox, M.D.

10:00 am – 10:30 am Break and Exhibits

10:30 am – 11:10 am Leveraging Mobile Health Technology to Support Self-Management After Traumatic Brain Injury
Candice Osborne, Ph.D., MPH, OTR & Shannon Juengst, Ph.D.

11:10 am – 11:50 am Cerebral Blood Flow and Vascular Reactivity after Concussion
Kathleen Bell, M.D.

11:50 am – 12:30 pm Examining Recovery from Youth Concussion
Stacy Suskauer, M.D.

12:30 pm Adjourn

Registration

The registration fee entitles the participants to admission to the conference, all course materials, continental breakfast, refreshments at the break, during the meeting. Enrollment is confirmed upon receipt of registration fee. We are unable to process any registration without payment. Please register early.

Registration Fee

- General registration - \$95
- Trainees – Non-UTSW/PHHS (fellows/residents/medical students) - \$25

- UTSW Staff/Fellows/Residents/Medical Students - Complimentary

Registration is confirmed upon receipt of registration fee.

Refund Policy

A \$25 handling fee will be deducted from cancellation refunds. Refund requests must be received by mail or fax prior to April 30, 2018. No refunds will be made thereafter.

Cancellation Policy

The Office of Continuing Medical Education reserves the right to limit registration and cancel courses, no less than one week prior to the course, should circumstances deem this necessary.

20th Annual Physical Medicine & Rehabilitation Scientific Day: Concussion and the Developing Brain

Saturday, May 5, 2018

UT Southwestern Medical Center
T. Boone Pickens Biomedical Building
NG3.112 Auditorium
6001 Forest Park Road
Dallas, TX 75235

#RP1805A

Register online at:

cme.utsouthwestern.edu/rp1805A

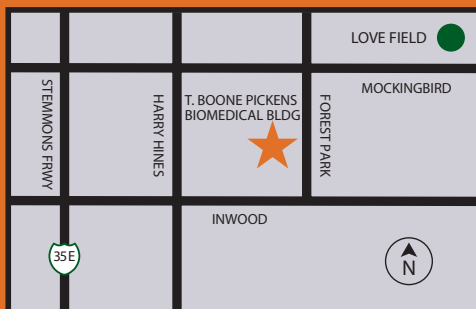
Registration Instructions

After clicking on registration link, you will be prompted to log in to your user account. Once you are logged in you will be able to register for the course.

If you have not previously registered for other courses in this system, you must first create a user profile. Once you have completed your profile, you will then be able to go back to the course page and register.

Location

UT Southwestern Medical Center
T. Boone Pickens Biomedical Building
NG 3.112 Auditorium
6001 Forest Park Road
Dallas, TX 75390



Additional Information

For additional information, please call The Office of Continuing Medical Education, 214-648-3138, 1-800-688-8678, fax 214-648-2317, or email cmeregistrations@utsouthwestern.edu

To obtain information on other UT Southwestern programs, visit the Office of Continuing Medical Education's website at: <http://www.utsouthwestern.edu/cme>

Program Accessibility

We accommodate people with disabilities. Please call 214-648-3138 for more information, or mark the space indicated on the registration form. To ensure accommodation, please register as soon as possible.

The University of Texas Southwestern Medical Center is committed to providing programs and activities to all persons regardless of race, color, national origin, religion, sex, age, veteran status, or disability.

UT Southwestern is an equal opportunity institution.

Registration Fees

General registration - \$95

Trainees – Non-UTSW/PHHS

(fellows/residents/medical students) - \$25

UTSW Staff/Fellows/Residents/Medical Students - Complimentary

Syllabus Information

Only presentations that the author has given permission for will be available online.

GO-PMR



**GIVING BACK TO
PPROMOTE RESIDENCY DEVELOPMENT**

benefitting the

Physical Medicine & Rehabilitation

Contact the Alumni and Giving Department of UT Southwestern to learn how your support can make a difference!

214-648-9086 | donate.utsouthwestern.edu

And indicate “Go-PMR”!

UTSouthwestern

Peter O'Donnell Jr.
Brain Institute