# SOONER SPORTS MEDICINE SYMPOSIUM "CONCUSSION & C-SPINE"

# FRIDAY JANUARY 13, 2012

Embassy Suites Norman - Hotel & Conference Center 2501 Conference Drive Norman, OK 73069

Developed by The Department of Intercollegiate Athletics, Division of Athletic Medicine, University of Oklahoma and The Department of Orthopedic Surgery and Rehabilitation, University of Oklahoma Health Sciences Center

117-128400 University of Oklahoma Athletic Medicine 180 West Brooks Norman, OK 73019

### 2012 Sooner Sports Medicine Symposium Faculty

### Kevin Guskiewicz PhD ATC

Kevin Guskiewicz is the Kenan Distinguished Professor and Director of the Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center at The University of North Carolina at Chapel Hill. He also serves as the Chair of Exercise and Sport Science and holds joint appointments in the Department of Orthopaedics, UNC Injury Prevention Research Center, and Doctoral Program in Human Movement Science. Dr. Guskiewicz's teaching responsibilities include Cadaver Anatomy, Therapeutic Modalities, Human Anatomy, and Research Methods & Statistics in Sports Medicine. Over the past 17 years, Dr. Guskiewicz's research has focused on sport-related concussion. He has investigated the effect of sport-related concussion on balance and neuropsychological function in high school and collegiate athletes, and the long-term neurological issues related to playing sport. Dr. Guskiewicz has been the recipient of 20 funded research grants, and has published over 75 journal articles and six textbook chapters related to concussion in sport. He was awarded Fellowship in the American College of Sports Medicine in 2003, the American Academy of Kinesiology and Physical Education in 2006, and the National Athletic Trainers' Association in 2008. In 2010 he was named to NCAA's Concussion Committee, the NFLPA's Mackey-White Committee, and the NFL's Head, Neck, and Spine Committee.

### Erik Swartz PhD ATC

Erik E Swartz PhD, ATC, FNATA is an Associate Professor and Clinical Coordinator in the CAATE accredited Athletic Training Education program within the Department of Kinesiology at the University of New Hampshire. He completed his PhD in Applied Biomechanics at the University of Toledo in May 2000. Dr. Swartz' primary research interest involves studying the acute management of athletes with a cervical spine injury. Dr. Swartz has received grant awards from The NATA Foundation, The Eastern Athletic Trainers' Association, and the National Organization for Standards in Athletic Equipment. He has been published in multiple journals including *Spine, New England Journal of Medicine, Prehospital Emergency Care, Journal of Athletic Training, The American Journal of Sports Medicine*, and *Clinical Journal of Sport Medicine*. He serves on the NATA Conference Programming Committee, has served on the EATA's Research Committee and the NATA Foundation Free Communications Sub-committee. He is an Editorial Board member of the *Journal of Athletic Training* and a section editor for *Athletic Training and Sports Health Care* journal. Dr. Swartz was selected to chair the writing group for the NATA Position Statement on the Management of the Cervical Spine Injured Athlete. He received the Outstanding New Investigator Research Award from the College of Health and Human Services at the University of New Hampshire, was recognized in 2010 with an Outstanding Alumni Award from the University of Toledo, and in 2011, was honored with a Fellows designation with the National Athletic Trainers' Association. Dr. Swartz is a member of the National Athletic Trainers' Association, and the New Hampshire Athletic Trainers' Association.

#### **Ron Courson PT ATC NREMT-1 CSCS**

Ron Courson was named University of Georgia Director of Sports Medicine in May of 1995, after serving four years as Director of Rehabilitation at the University of Alabama. Courson is a national registered emergency medical technician-intermediate as well as a certified strength and conditioning specialist by the National Strength and Conditioning Association. Courson has been involved in many athletic training activities including work as an athletic trainer with the U.S. Olympic Team at the 1988 Olympic Games in Seoul, South Korea; 1990 Goodwill Games; 1987 World University Games, 1987 Pan American Games and the 1992 Olympic Games in Barcelona, Spain. He served as the chief athletic trainer for the 1996 U.S. Olympic Track and Field Trials as well as the chief athletic trainer for track and field for the Atlanta Committee for the 1996 Olympic Games (ACOG). Ron has served as the president of the SEC Sports Medicine Committee and chairman of the College and University Athletic Trainers' Committee of the National Athletic Trainers' Association. Ron also serves on the NCAA Competitive Safeguards and Medical Aspects of Sports committee. He is a liaison to the American Football Coaches Association. Ron received the Most Distinguished Athletic Trainers' Association.

Brock Schnebel MD Clinical Professor Department of Orthopedic Surgery and Rehabilitation University of Oklahoma Health Sciences Center College of Medicine Scott Anderson ATC Head Athletic Trainer University of Oklahoma

Orthopedic Surgeon McBride Clinic Oklahoma City, Oklahoma

Head Team Physician, Oklahoma Sooners

### **ADVANCE REGISTRATION IS REQUIRED ON OR BEFORE JANUARY 11**

Name		<b>T</b> . (	NC 1 11			
Last		First	Middle	Degree/Credential		
Address			e-mail			
City			State	Zip		
Mail, e-mail, FAX or bring form to the University of Oklahoma Department of Intercollegiate Athletics: Attention: Tracy Branstetter 180 West Brooks Street, Norman, OK 73019 Fax: (405) 325-7003 <u>tbranstetter@ou.edu</u> Symposium questions should be directed to Kim Channer: (405) 271-4426						
Non-Student Registration \$50.00			Students – Complimentary Registration			
Payment Informa			MA FOUNDATION, II	NC		
VISA MC	AMEX DISC	C Expires:	Card #:			
SIGNATURE:						



# SOONER SPORTS MEDICINE SYMPOSIUM

### **"CONCUSSION & C-SPINE"**

Embassy Suites Hotel & Conference Center 2501 Conference Drive Norman, OK 73069

## Friday, January 13, 2012

- 7:15 a.m. Registration and Continental Breakfast
- 8:00 a.m. Welcoming Remarks and Introductions Charles Pasque MD, Oklahoma Sooners
- 8:05 a.m. Concussion in the Athlete Kevin Guskiewicz PhD ATC
- 8:45 a.m. **On-Field Management of the Concussed Athlete** Scott Anderson ATC
- 9:05 a.m. Concussion Return to Play...or, not Brock Schnebel MD
- 9:35 a.m. Concussion in the Athlete When the Career is Past Kevin Guskiewicz PhD ATC
- 10:20 a.m. Break
- 10:40 a.m. **Biomechanics and Pathophysiology of Cervical Spine Injury** Erik Swartz PhD ATC
- 11:10 a.m. **On-Field Management of the Spine-Injured Athlete** Ron Courson ATC PT NREMT-1 CSCS
- 11:40 a.m. Break
- 12:00 p.m. **Preventing Cervical Spine Injury** Erik Swartz PhD ATC
- 12:45 p.m. **'Life' for the Spine-Injured Athlete** Brock Schnebel MD
  - 1:15 p.m. **Parting Pearls of Wisdom** Kevin Guskiewicz PhD ATC



### **GENERAL INFORMATION**

### **OBJECTIVES:**

Upon completion of this course, participants should be able to:

- 1. Discuss through oral presentations sport-related concussion and cervical spine injuries including fracture, sprain, and neurogenic syndromes.
- 2. Review the prevention of, and operative versus non-operative options of concussion and cervical spine injury in sport.
- 3. Discuss current trends in sports medicine management of concussion and cervical spine injury.
- 3. Discuss through oral presentations and hands-on demonstrations the important skills and techniques in preventing and managing concussion and cervical spine injury.

**CREDIT:** Physicians may claim AMA PRA Category 2 Credit<sup>TM</sup> for learning activities not designated for AMA PRA Category 1 Credit<sup>™</sup> that comply with the AMA definition of CME, are not promotional and are worthwhile learning experiences related to his/her practice. Physicians may self claim one (1) AMA PRA Category 2 Credit<sup>™</sup> for each 60-minute hour engaged in the learning activity and claim credit in 15 minute, or .25 credit increments and round to the nearest quarter hour.



The University of Oklahoma Department of Intercollegiate Athletics is recognized by the Board of Certification, Inc., to offer continuing education for Certified Athletic Trainers. This program has been approved for a maximum of 20 hours of Category A continuing education. Certified Athletic Trainers are responsible for claiming only those hours actually spent participating in the continuing education activity.

Approval is pending from the Oklahoma State Board of Medical Licensure & Supervision, Physical Therapy Advisory Committee, for approval of Category A hours for physical therapists.

**REGISTRATION:** Advance registration is required on or before January 11, 2012. Registration is required for CME/CEU credit. The registration fee is \$50.00. The registration fee is waived for students.

HOUSING: Room rates have been secured at the Embassy Suites and Conference Center in Norman. Reservations are the responsibility of the individual. Specify the "Sooner Sports Medicine Symposium." Deadline for reservations: January 9, 2012.

> **Embassy Suites Hotel & Conference Center 2501 Conference Drive** Norman, OK 73069 (405) 364-8040

**EMERGENCY CALLS:** You may be reached during conference hours at (405) 271-4426.

FURTHER INFORMATION is available by calling the Orthopedic Surgery Department at (405) 271-4426 or 271-5964.

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