DEPARTMENT OF ORTHOPEDIC SURGERY
AND REHABILITATION

45th ANNUAL VISITING PROFESSORSHIP

JOHN W. SPERLING, MD
Shoulder Surgery Specialist
Professor & Co-Vice Chair
Department of Orthopedic Surgery
Mayo Clinic, Rochester, Minnesota

Thursday, April 18, 2019 | 7:00 am – 3:45 pm
Friday, April 19, 2019 | 7:00 am – 11:30 am

Samis Family Education Center
The Children’s Hospital, OU Health Sciences Center
1200 Children’s Avenue (NE Corner of SL Young Blvd & N Phillips Ave)
Oklahoma City, Oklahoma
**Purpose:**
The purpose of this course is to review and discuss a variety of current orthopedic problems and to provide an open forum for the exchange of ideas between the course faculty and visitors.

**Overall Learning Objectives:**
Upon completion of this course, participants will improve their competence and performance by being able to:
1. Describe through didactic lecture updates the current evaluation and treatment of various orthopedic surgery topics.
2. Identify through case presentations and discussions the evaluation and treatment of various orthopedic surgery related topics.
3. Review updates on new approaches for the evaluation and management of orthopedic problems, particularly in the areas of shoulder surgery, adult reconstruction, pediatric surgery, hand surgery, foot-ankle, trauma, and quality improvement.
4. Recognize complications related to various forms of treatment of orthopedic repair and reconstruction procedures.

**Thursday, April 18, 2019**

7:00 am  Continental Breakfast

7:25 am  Welcoming Remarks and Introductions
Christopher B. White, MD | Associate Professor

**Morning Session**
Moderator: Christopher B. White, MD

**Visiting Professor Grand Rounds:**

7:30 am  *Primary Shoulder Arthroplasty: Anatomic to Reverse Arthroplasty*
John W. Sperling, MD

Case Presentation Rounds:

8:30 am  *Case Presentations with the Professor: Shoulder Reconstruction*
Professor: John W. Sperling, MD
PGY-5 Residents: Margaret A. Baldwin, MD; W. Barrett Bowlin, MD; Seth M. Boydstun, MD; John M. Hamilton, MD; Laura R. Luick, MD; Matthew R. McDonald, MD

10:00 am  Break

**Visiting Professor Lecture:**

10:30 am  *Complex & Revision Arthroplasty: Tips & Tricks to Optimize Patient Outcomes & An Overlooked Pillar of Practice: The Importance of Travel*
John W. Sperling, MD

11:30 am  Lunch (Free Time) – Lunch provided to all participants (price included in registration fee)
THURSDAY, APRIL 18, 2019

AFTERNOON SESSION
Moderator: Christopher B. White, MD

Case Presentation Rounds:
1:00 pm  Case Presentations with the Professor: Shoulder Instability
         Professor: John W. Sperling, MD
         PGY-4 Residents: Scott H. Conant, MD; Evan D. Corning, MD;
                           Jeremiah J. Maupin, MD; R. Garrett Steinmetz, MD;
                           Jonathan L. Tobey, MD; Jonathan J. Wojcik, MD

Scientific Papers:
2:30 pm  Clinical & Radiographic Outcomes of Bone-Grafting for Glenoid Deficiency in Total Shoulder Arthroplasty
         Nathan M. Odor; MD; Kenton B. Panas, MD; Samuel F. Thompson, MD; D. Alex Forrester, MD;
         Christopher B. White, MD
2:40 pm  Discussion
2:45 pm  Septic Arthritis of the Acromioclavicular Joint: A Case Series & Review of the Literature
         R. Garrett Steinmetz, MD; Jeremiah J. Maupin, MD; Joel Smith, MD; Christopher B. White, MD
2:55 pm  Discussion
3:00 pm  Management of Scapula Body Fractures: Is Follow-Up Imaging Necessary?
         Jeremiah J. Maupin, MD; R. Garrett Steinmetz, MD; Eric B. Johnson, MD;
         Lincoln Dutcher, MS4; Charles B. Pasque, MD
3:10 pm  Discussion
3:15 pm  MACI for Glenoid Defect
         R. Garrett Steinmetz, MD; John M. Hamilton, MD; Carl J. Fernandes, MD; James Bond, MD
3:25 pm  Discussion
3:30 pm  Chairman Wrap-Up
3:45 pm  Adjourn
## 45th Annual Visiting Professorship

**Friday, April 19, 2019**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:25 am</td>
<td>Welcoming Remarks and Introduction</td>
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<td>David C. Teague, MD</td>
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**Early Morning Session**

Moderator: Rishi Thakral, MD

### Scientific Papers:

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Patient Knowledge &amp; Understanding of Weight-Loss: A Prospective Study</td>
<td>Kenton B. Panas, MD; Christopher K. Tkach, MD; Bryan S. Brockman, MD; Rishi Thakral, MD</td>
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<td>7:40 am</td>
<td>Total Hip Arthroplasty in Polytrauma Patients: A Prospective Study</td>
<td>W. Barrett Bowlin, MD; Jeremiah J. Maupin, MD; Bryan S. Brockman, MD; Rishi Thakral, MD</td>
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<td>7:50 am</td>
<td>Tips &amp; Pearls for Limb Lengthening in THA in Patient with Leg Length Discrepancy</td>
<td>Christopher K. Tkach, MD; Carl J. Fernandes, MD; Rishi Thakral, MD</td>
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<td>8:00 am</td>
<td>Complications after Total Knee Arthroplasty Performed for Osteoarthritis Compared to Traumatic Arthritis</td>
<td>W. Barret Bowlin, MD; Jeremiah J. Maupin, MD; Bryan S. Brockman, MD; Rishi Thakral, MD</td>
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<td>8:10 am</td>
<td>Technique of Extensor Mechanism Reconstruction for Failed Primary Repair of the Quadriceps Tendon</td>
<td>W. Barret Bowlin, MD; Jeremiah J. Maupin, MD; Bryan S. Brockman, MD; Rishi Thakral, MD</td>
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<td>8:20 am</td>
<td>Management of Distal Femur Replacement Infections: Antibiotic Spacer Techniques &amp; Lessons Learned</td>
<td>Nathan M. Odor, MD; Jeremiah J. Maupin, MD; Jeremy R. White, MD</td>
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<td>8:30 am</td>
<td>Outcomes after Bone Marrow Aspirate Concentrate (BMAC) Knee Injections for Osteoarthritis</td>
<td>John M. Hamilton, MD; Evan D. Corning, MD; Jonathan L. Tobey, MD; Douglas J. Rowles, MD</td>
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<td>8:40 am</td>
<td>Prevalence of Musculoskeletal Injuries in Pedestrians Struck by Motorized Vehicles</td>
<td>R. Garrett Steinmetz, MD; Matthew R. McDonald, MD; John M. Hamilton, MD; Jonathan D. Ringenberg, MD; Greg D. Heigle, MS4, Shaun D. Tkach, MS4; Douglas J. Rowles, MD; David C. Teague, MD</td>
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<td>8:50 am</td>
<td>Effect of Screw Configuration on Fusion Rates in Subtalar Arthrodesis</td>
<td>Matthew R. McDonald, MD; Carl J. Fernandes, MD; Eric B. Johnson, MD; Amgard Haleem, MD, PhD; Paul A. Kammerlocher, MD</td>
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<td>9:00 am</td>
<td>Opioid Consumption Following Outpatient Foot &amp; Ankle Surgery</td>
<td>Scott H. Conant, MD; Jonathan L. Tobey, MD; Jonathan J. Wojcik, MD; Samuel F. Thompson, MD; Zac P. Burrow, MD; Evan S. Fene, MS4; Ryan W. Morrisett, MS4; Amgard Haleem, MD, PhD; David C. Teague, MD</td>
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9:10 am | Break and Department PHOTO (Faculty and Residents), Children's Atrium                      |
FRIDAY, APRIL 19, 2019
LATE MORNING SESSION
Moderator: Brian A. Chenoweth, MD

Scientific Papers:
9:40 am  Polypharmacy & Narcotic Abuse Among Hand Surgery Patients
          Natasha Lewis, MD; Ghazi M. Rayan, MD
9:47 am  Discussion
9:50 am  Surgical Treatment of the Upper Extremity in Cerebral Palsy
          Aditya Chawla, MD; Ghazi M. Rayan, MD
9:57 am  Discussion
10:00 am Atypical Anatomy of the Median Nerve During Revision Carpal Tunnel Release
          Christopher K. Tkach, MD; Yuri C. Lansinger, MD
10:07 am Discussion
10:10 am The Use of Collagenase Injections in the Treatment of Dupuytren’s Contracture: A Review of the Literature
          Jonathan D. Ringenberg, MD; Ghazi M. Rayan, MD
10:17 am Discussion
10:20 am Effect of Side Struts on the Strength of Long Arm Plaster Splints: A Biomechanical Study
          Scott H. Conant, MD; Samuel F. Thompson, MD; Conor McBride, MS4; T.R. Lewis, MD
10:27 am Discussion
10:30 am Comparison of Spica Casting for Pediatric Femoral Shaft Fractures by Pediatric Trained Orthopedic Surgeons vs. Non-Pediatric Trained Orthopedic Surgeons
          R. Garrett Steinmetz, MD; Margaret A. Baldwin, MD; Samuel F. Thompson, MD; Lincoln Dutcher, MS4; William R. Puffinbarger, MD; David C. Teague, MD
10:37 am Discussion

Quality Improvement Papers:
10:40 am  Pediatric Septic Hip Education in the Emergency Medicine Setting
          Carl J. Fernandes, MD; Eric B. Johnson, MD; James R. Gregory, MD
10:47 am  Discussion
10:50 am  Mobile App for Instant & Consistent Orthopedic Communication
          Zac P. Burrow, MD; Christian C. McCartney, MD; Brian A. Chenoweth, MD
10:57 am  Discussion
11:00 am  Orthopedic In-Training (OITE) Study Guide
          Kenton B. Panas, MD; Charles B. Pasque, MD
11:07 am  Discussion
11:10 am  Chairman Wrap-Up – “OTA Presidential Travels & Thoughts”
          David C. Teague, MD
11:30 am  Adjourn
### RESIDENTS & FELLOWS:

**Hand Surgery Fellows - BMC**  
Aditya Chawla, MD  
Natasha Lewis, MD  

**Fifth-Year Residents**  
Margaret A. Baldwin, MD  
W. Barrett Bowlin, MD  
Seth M. Boydstun, MD  
John M. Hamilton, MD  
Laura R. Luick, MD  
Matthew R. McDonald, MD  

**Fourth-Year Residents**  
Scott H. Conant, MD  
Evan D. Corning, MD  
Jeremiah J. Maupin, MD  
R. Garrett Steinmetz, MD  
Jonathan L. Tobey, MD  
Jonathan J. Wojcik, MD  

**Third-Year Residents**  
Jeffrey L. Horinek, MD  
Nathan M. Odor, MD  
Kenton B. Panas, MD  
Samuel F. Thompson, MD  
Christopher K. Tkach, MD  
Joshua A. Wilson, MD  

**Second-Year Residents**  
Bryan S. Brockman, MD  
Zac P. Burrow, MD  
Carl J. Fernandes, MD  
Jon D. Ringenberg, MD  
Cameron P. Shirazi, MD  
Travis G. Veitenheimer, MD  

**First-Year Residents**  
Ryan E. Dean, MD  
D. Alex Forrester, MD  
Eric B. Johnson, MD  
Christian C. McCartney, MD  
Kacy A. Richburg, MD  
Wade A. Schwerdtfeger, MD  

### FULL-TIME ORTHOPEDIC FACULTY

**Trauma Faculty**  
David C. Teague, MD  
Professor & Department Chair  
William J.J. Ertl, MD  
Professor  
Lindsay E. Hickerson, MD  
Drew P. Kelly, MD  
Assistant Professors  

**Spine Faculty**  
Timothy A. Puckett, MD  
Professor  
Santaram Vallurupalli, MD  
Assistant Professor  

**Pediatric Orthopedic Faculty**  
J. Andy Sullivan, MD  
Professor Emeritus, Part-Time  
Joseph P. Davey, MD  
William R. Puffinbarger, MD  
T.R. Lewis, MD  
David Y. Chong, MD  
James R. Gregory, MD  

**Hand & Upper Extremity Faculty**  
Thomas P. Lehman, MD  
Professor & Vice Chairman  
Yuri C. Lansinger, MD  
Brian A. Chenoweth, MD  
Assistant Professors  

**Orthopedic Oncology Faculty**  
Jeremy R. White, MD  
Associate Professor  

**Adult Reconstruction Faculty**  
Christopher B. White, MD  
Associate Professor  
Rishi Thakral, MD  
Assistant Professor  

**Sports Medicine Faculty**  
Charles B. Pasque, MD  
Professor & Program Director  
Sheila M. Algan, MD  
Clinical Associate Professor  

**Foot & Ankle Faculty**  
Amgad Haleem, MD, PhD  
Assistant Professor  
Paul A. Kammerlocher, MD  
Clinical Associate Professor  

### GUEST FACULTY

James Bond, MD  
Clinical Assistant Professor  
Former Resident  
Private Practice  
Sports Medicine  
Oklahoma City, OK  

Joel N. Smith, MD  
Former Resident  
Private Practice  
Sports Medicine  
North Little Rock, AR  

Ghazi M. Rayan, MD  
Clinical Professor  
Private Practice  
Hand Surgery  
Hand Fellowship Director  

Douglas J. Rowles, MD  
Clinical Associate Professor  
Ortho Director - VAMC  

### MEDICAL STUDENTS

Lincoln Dutcher, MS-4  
Medical Student, OU COM  

Evan S. Fene, MS-4  
Medical Student, OU COM  

Greg D. Heigle, MS-4  
Medical Student, OU COM  

Conor P. McBride, MS-4  
Medical Student, OU COM  

Ryan W. Morrisett, MS-4  
Medical Student, OU COM  

Shaun D. Tkach, MS-4  
Medical Student, OU COM  

Garrett Waller, MS-4  
Medical Student, OU COM  

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# Past Visiting Professors

<table>
<thead>
<tr>
<th>Year</th>
<th>Name and Title</th>
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<tr>
<td>2018</td>
<td>Craig R. Bottoni, MD</td>
</tr>
<tr>
<td>2017</td>
<td>OU COM Faculty</td>
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<tr>
<td>2016</td>
<td>James W. Brodsky, MD</td>
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<tr>
<td>2015</td>
<td>Terrance D. Peabody, MD</td>
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<td>2014</td>
<td>Douglas P. Hanel, MD</td>
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<td>2013</td>
<td>Chitranjan S. Ranawat, MD</td>
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<td>2012</td>
<td>James R. Ficke, MD</td>
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<td>2011</td>
<td>Stuart L. Weinstein, MD</td>
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<td>2010</td>
<td>William A. Grana, MD</td>
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<td>2009</td>
<td>Bernard F. Morrey, MD</td>
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<td>2008</td>
<td>Dennis R. Wenger, MD</td>
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<td>2007</td>
<td>Paul Tornetta, III, MD</td>
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<td>2006</td>
<td>Roy A. Meals, MD</td>
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<td>2005</td>
<td>Lawrence G. Lenke, MD</td>
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<td>2004</td>
<td>James P. Tasto, MD</td>
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<td>2003</td>
<td>Alvin H. Crawford, MD</td>
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<td>2002</td>
<td>Aaron A. Hofmann, MD</td>
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<td>2001</td>
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<td>2000</td>
<td>Robert A. Winquist, MD</td>
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<td>1999</td>
<td>Richard E. White, Jr., MD</td>
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<td>1998</td>
<td>Marc F. Swiontkowski, MD</td>
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<td>1997</td>
<td>Paul R. Manske, MD</td>
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<td>1996</td>
<td>Michael F. Schafer, MD</td>
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<td>1995</td>
<td>Angus M. McBride, Jr., MD</td>
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<td>1994</td>
<td>Robert W. Bucholz, MD</td>
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<td>1993</td>
<td>Marybeth Ezaki, MD</td>
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<td>1992</td>
<td>M. Mark Hoffer, MD</td>
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<td>1991</td>
<td>Michael W. Chapman, MD</td>
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<td>1990</td>
<td>Eric Leon Radin, MD</td>
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<td>1989</td>
<td>Frederick W. Reckling, MD</td>
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<td>1988</td>
<td>James Herndon, MD</td>
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<td>1987</td>
<td>Carl L. Nelson, MD</td>
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<td>1986</td>
<td>Sigvard T. Hansen, MD</td>
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<td>1985</td>
<td>E. Burke Evans, MD</td>
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<td>1984</td>
<td>G. Dean MacEwen, MD</td>
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<td>1983</td>
<td>Vert Mooney, MD</td>
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<td>Charles S. Neer, II, MD</td>
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<td>1981</td>
<td>Paul A. Pemberton, MD</td>
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<td>1980</td>
<td>Lee H. Riley, Jr., MD</td>
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<td>1979</td>
<td>Charles A. Rockwood, MD</td>
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<td>1978</td>
<td>Clement B. Sledge, MD</td>
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<td>1977</td>
<td>Augusto Sarmiento, MD</td>
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<td>1976</td>
<td>Paul Brown, MD</td>
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<td>1975</td>
<td>Fred C. Reynolds, MD</td>
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45TH ANNUAL VISITING PROFESSORSHIP  
April 18-19, 2019

ACTIVITY DESCRIPTION
The purpose of this course is to review and discuss a variety of current orthopedic problems and to provide an open forum for the exchange of ideas between the course faculty and visitors. Quality improvement presentations and scientific papers presented by our residents with faculty support showcases the research efforts of our doctors throughout the academic year. Our guest lecturer, who is nationally recognized in the field of orthopedic surgery, provides excellent presentations to our residents and faculty as well as the community physicians and other participants in an educational setting, benefitting all.

INTENDED/TARGET AUDIENCE
This activity is intended for orthopedic surgeons, MDs, DOs, physicians’ assistants, nurses, orthotics and prosthetics professionals, medical students, other allied health professionals, technicians, and laypeople.

PLANNING COMMITTEE MEMBERS
Charles B. Pasque, MD, Professor, (Course Director)
Janet Moore, BS, (Co-Course Coordinator)
Alexandra Watson, BS, (Co-Course Coordinator)

The OU COM Orthopedic Department will share moderator responsibilities throughout the course.

EQUAL OPPORTUNITY STATEMENT
The University of Oklahoma is an equal opportunity institution. www.ou.edu/eoo.

FURTHER INFORMATION is available by calling the Administrative Offices of Orthopedic Surgery Department at (405) 271-5964 or 271-4426. ACCOMMODATION STATEMENT
Accommodations on the basis of disability are available by contacting Janet Moore at (405) 271-5964 or janet-moore@ouhsc.edu as soon as possible.

ACKNOWLEDGEMENT OF COMMERCIAL AND IN-KIND SUPPORT
Commercial support is financial, or in-kind, contributions given by a commercial interest, which is used to pay all or part of the costs of an educational activity. A commercial interest is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients.

This conference has received In-Kind support from the State of Oklahoma – University Hospitals Authority and Trust.
DISCLAIMER STATEMENT
Statements, opinions, and results of studies contained in the program are those of the presenters and authors and do not reflect the policy or position of the Board of Regents of the University of Oklahoma ("OU") nor does OU provide any warranty as to their accuracy or reliability.

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POLICY ON FACULTY AND PRESENTERS DISCLOSURE
It is the policy of the University of Oklahoma, College of Medicine that the faculty and presenters disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s).

REGISTRATION FEE
There is a registration fee for our guests to cover a variety of expenses including refreshments. The registration fee is $50 for the entire course without CME credit. Checks can be made payable to the Department of Orthopedic Surgery, OUHSC.

PARKING INFORMATION FOR GUESTS OF DEPARTMENT OF ORTHOPEDIC SURGERY AND REHABILITATION 45TH ANNUAL VISITING PROFESSORSHIP
- Samis Education Center Event Parking at Children’s Hospital,
- Entrance off N Phillips Avenue/Children’s Avenue
- Visitor/Events Parking to the right of hospital entrance
- Code for the gate: Available upon request

OUHSC residents and staff are to park in their normal parking areas.