



**DEPARTMENT OF ORTHOPEDIC SURGERY
AND REHABILITATION**

**44th ANNUAL
VISITING PROFESSORSHIP**



CRAIG R. BOTTONI, MD

Interim Chief, Department of Orthopedic Surgery
Chief, Sports Medicine Service
Tripler Army Medical Center
Honolulu, Hawaii

Thursday, April 19, 2018 | 7:00 am – 4:45 pm
Friday, April 20, 2018 | 7:00 am – 11:05 am

Andrews Academic Tower Conference Center
800 Stanton L. Young Blvd, 1st Floor
Oklahoma City, Oklahoma



DEPARTMENT OF ORTHOPEDIC SURGERY AND REHABILITATION
44TH ANNUAL VISITING PROFESSORSHIP
April 19 - 20, 2018

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 sports medicine, adult reconstruction, 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 19, 2018

7:00 am Registration and Continental Breakfast

7:25 am **Welcoming Remarks and Introductions**

David C. Teague, MD | Professor and O'Donoghue Chair

EARLY MORNING SESSION

Moderator: Charles B. Pasque, MD

Quality Improvement Presentations:

7:30 am ***Peer Review as a Safety Net for Resident Issues***

Spencer P. Skinner, MD; Rishi Thakral, MD; David Y. Chong, MD

7:37 am Discussion

7:40 am ***Simulation Skills Lab Preparation Videos and Reading Assignments***

Nathaniel M. Odor, MD; W. Barrett Bowlin, MD; Charles B. Pasque, MD

7:47 am Discussion

7:50 am ***Ortho Resident On-Call Black Book Update***

Jeffrey L. Horinek, MD; Charles B. Pasque, MD

7:57 am Discussion

8:00 am ***Ortho Consult Care: A Single Supply Source for Common On-Call Ortho Cases***

Christopher K. Tkach, MD; Joshua A. Wilson, MD; Charles B. Pasque, MD

8:07 am Discussion

8:10 am ***Must-Read: Essential Articles for Clinical Rotations***

Seth M. Boydston, MD; Charles B. Pasque, MD

8:17 am Discussion

THURSDAY, APRIL 19, 2018

LATE MORNING SESSION

Moderator: Christopher B. White, MD

Scientific Papers:

- 8:20 am** ***Waste of Supplies in the Operating Room***
Adam C. Walchak, MD; Jeffrey L. Horinek, MD; Scott H. Conant, MD; Ghazi M. Rayan, MD
- 8:30 am Discussion
- 8:35 am** ***Congenital First Web Space Contracture and Associated Anomalies***
Tiffany Y. Wu, MD; Ghazi M. Rayan, MD
- 8:45 am Discussion
- 8:50 am** ***Nocardia Infection in a Pediatric Hand***
R. Garrett Steinmetz, MD; Kenton B. Panas, MD; William R. Puffinbarger, MD
- 8:57 am Discussion
- 9:00 am** ***A Novel Technique for Endoscopic Release of the Transverse Scapula Ligament in the Setting of Suprascapular Neuropathy: A Case Report and Technique***
Joshua A. Wilson, MD; Raymond E. Skunda, MD; Kenton B. Panas, MD; Christopher B. White, MD
- 9:07 am Discussion
- 9:10 am** ***Arteriovenous Fistula After Non-operative Management of a Clavicle Fracture***
Scott H. Conant, MD; Lindsay E. Hickerson, MD
- 9:17 am Discussion
- 9:20 am** ***Spontaneous Regeneration of the Distal Humerus After an Open Fracture***
R. Garrett Steinmetz, MD; Jeremiah J. Maupin, MD; Christopher B. White, MD
- 9:27 am Discussion
- 9:30 am** **Break**

Case Presentation Rounds:

- 10:00 am** ***Case Presentations with the Professor: Shoulder Cases***
- Professor:** Craig R. Bottoni, MD
- PGY-5 Residents:** Keven S. Burns, MD; Evan S. Correll, MD, MD; R. Trent Hulse, MD; Spencer P. Skinner, MD; Raymond E. Skunda, MD; Kevin F. Wiley, MD

Visiting Professor Lecture:

- 11:00 am** ***"Posterior Cruciate Ligament Reconstructions, Single-Bundle, Double-Bundle, and Internal Splints"***
Craig R. Bottoni, MD

- 12:00 pm** **Lunch** (Free Time) – Lunch provided to all participants (price included in registration fee)



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EARLY AFTERNOON SESSION

Moderator: Douglas J. Rowles, MD

Scientific Papers:

- 1:30 pm** *Narcotic Demand Following Knee Arthroscopy in the Pediatric and Adolescent Population*
John M. Hamilton, MD; R. Garrett Steinmetz, MD; Sheila M. Algan, MD
- 1:40 pm Discussion
- 1:45 pm** *Outcomes After Bone Marrow Aspirate Concentrate (BMAC) Knee Injections for Osteoarthritis*
Jonathan L. Tobey, MD; John M. Hamilton, MD; Evan D. Corning, MD; Douglas J. Rowles, MD
- 1:55 pm Discussion
- 2:00 pm** *Prevalence of Ligamentous Knee Injuries in Pedestrians Struck by Motorized Vehicles*
Matthew R. McDonald, MD; R. Garrett Steinmetz, MD; Douglas J. Rowles, MD
- 2:10 pm Discussion
- 2:15 pm** *Hip Surgery in the Polytrauma Patient*
Bryan S. Brockman, MD; Rishi Thakral, MD
- 2:25 pm Discussion
- 2:30 pm** *Rotational Flap for a Complex Soft Tissue Coverage in a Forequarter Amputation*
Margaret A. Baldwin, MD; Jeremy R. White, MD
- 2:37 pm Discussion
- 2:40 pm** *Burden of Injury of Traumatic Lower Extremity Amputations in a Non-Metropolitan Setting*
Samuel F. Thompson, MD; Kristopher B. McCall, MD; David C. Teague, MD;
Dil Patel, MS-4; Wade Schwerdtfeger, MS-4
- 2:50 pm Discussion
- 2:55 pm** *Dual-Articulating Antibiotic Spacer for Total Femur Megaprosthesis*
Evan D. Corning, MD; Jeremy R. White, MD
- 3:02 pm Discussion
- 3:05 pm** **Break**

THURSDAY, APRIL 19, 2018

LATE AFTERNOON SESSION

Moderator: Amgad Haleem, MD, PhD

Scientific Papers:

- 3:30 pm** *Orthopedic Surgical Treatment of Diabetic Foot Diseases: Analysis of Resources Utilized over a Three-Year Period at a Single Institution*
 Jeremiah J. Maupin, MD; Laura R. Luick, MD; Cameron P. Shirazi, MD; Douglas J. Rowles, MD
- 3:40 pm Discussion
- 3:45 pm** *TXA Use in Total Ankle Arthroplasty*
 Laura R. Luick, MD; R. Garrett Steinmetz, MD; Spencer Falcon, MS-4; Shaun Tkach, MS-3;
 Vytautas Ringus, MD; Amgad Haleem, MD, PhD
- 3:55 pm Discussion
- 4:00 pm** *All-Arthroscopic Treatment of Dependent Osteochondral Lesions of the Tibial Plafond: Surgical Technique*
 Spencer P. Skinner, MD; Nicholas Johnson, MS-4; Amgad Haleem, MD, PhD
- 4:10 pm Discussion
- 4:15 pm** *Investigating the Regeneration of Articular Cartilage in Rabbits with Chondroinductive Hyaluronic Acid-Based Hydrogels*
 Salma Mahzoon, MS; Amgad Haleem, MD, PhD; W. Barrett Bowlin, MD;
 Michael Detamore, PhD
- 4:25 pm Discussion
- 4:30 pm** **Moderator Wrap-Up**
- 4:45 pm** **Adjourn**



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FRIDAY, APRIL 20, 2018

MORNING SESSION

Moderator: Amgad Haleem, MD, PhD

7:00 am Continental Breakfast

7:25 am **Welcoming Remarks and Introductions**
David C. Teague, MD, Professor and O'Donoghue Chair

Visiting Professor Lecture:

Shoulder Instability 2018:

7:30 am ***"Arthroscopic Bankart to Latarjet: Which Procedure and When?"***

Craig R. Bottoni, MD

Case Presentation Rounds:

8:30 am ***Case Presentations with the Professor: Knee Cases***

Professor: Craig R. Bottoni, MD

PGY-4 Residents: Margaret Baldwin, MD; Barrett Bowlin, MD; Seth Boydston, MD; John Hamilton, MD; Laura Luick, MD; Matthew McDonald, MD

9:30 am **Break** (Orthopedic Department Photo – ALL Staff & Residents)

Visiting Professor Lecture:

ACL Surgery 2018:

10:00 am ***"When to Repair, When to Reconstruct, and What Graft to Use"***

Craig R. Bottoni, MD

11:00 am **Chairman Wrap-Up**



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11:05 am Adjourn

DEPARTMENT OF ORTHOPEDIC SURGERY AND REHABILITATION
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER
COLLEGE OF MEDICINE

COURSE FACULTY

RESIDENTS & FELLOWS:

Hand Surgery Fellows - BMC

Adam C. Walchak, MD
Tiffany Wu, MD

Fifth Year Residents

Keven S. Burns, MD
Evan S. Correll, MD
R. Trent Hulse, MD
Spencer P. Skinner, MD
Raymond E. Skunda, MD
Kevin F. Wiley, MD

Fourth Year Residents

Margaret A. Baldwin, MD
W. Barrett Bowlin, MD
Seth M. Boydston, MD
John M. Hamilton, MD
Laura R. Luick, MD
Matthew R. McDonald, MD

Third 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

Second Year Residents

Jeffrey L. Horinek, MD
Nathaniel M. Odor, MD
Kenton B. Panas, MD
Samuel F. Thompson, MD
Christopher K. Tkach, MD
Joshua A. Wilson, MD

First Year Residents

Bryan S. Brockman, MD
Zackary P. Burrow, MD
Carlton J. Fernandes, MD
Jonathan D. Ringenberg, MD
Cameron P. Shirazi, MD
Travis G. Veitenheimer, MD

FULL-TIME ORTHOPEDIC FACULTY

Trauma Faculty

David C. Teague, MD
Professor & Department Chair
William J.J. Ertl, MD
Associate Professor
Lindsay E. Hickerson, MD
Assistant Professors

Spine Faculty

Timothy A. Puckett, MD
Professor
Santaram Vallurupalli, MD
Assistant Professor

Pediatric Orthopedic Faculty

J. Andy Sullivan, MD
Clinical Professor, Part-Time
Joseph P. Davey, MD
William R. Puffinbarger, MD
Associate Professors
T.R. Lewis, MD
David Y. Chong, MD
James R. Gregory, MD
Assistant Professors

Hand & Upper Extremity Faculty

Thomas P. Lehman, MD
Professor & Department Vice Chair
Yuri C. Lansinger, MD
Assistant Professor

Orthopedic Oncology Faculty

Jeremy R. White, MD
Assistant 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
Assistant Professor

GUEST FACULTY

Michael Detamore, PhD
Chair & Professor
Stephenson School of
Biomedical Engineering
OU-Norman Campus

Salma Mahzoon, MS
Graduate Research Assistant
OU-Norman Campus

Kristopher B. McCall, MD
Former Resident
Private Practice
Lufkin, TX

Ghazi M. Rayan, MD
Clinical Professor
Hand Surgery

Vytautas Ringus, MD
Private Practice
Foot-Ankle Surgery
Norman, OK

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

MEDICAL STUDENTS

Spencer Falcon, MS-4
Medical Student, OU COM

Nicholas Johnson, MS-4
Medical Student, OU COM

Dil Patel, MS-4
Medical Student, OU COM

Wade Schwerdtfeger, MS-4
Medical Student, OU COM

Shaun Tkach, MS-3
Medical Student, OU COM



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Chief, Sports Medicine Service
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Honolulu, Hawaii

PAST VISITING PROFESSORS

2017	OU COM Faculty	1993	M. Mark Hoffer, MD
2016	James W. Brodsky, MD	1992	Michael W. Chapman, MD
2015	Terrance D. Peabody, MD	1991	Eric Leon Radin, MD
2014	Douglas P. Hanel, MD	1990	Frederick W. Reckling, MD
2013	Chitranjan S. Ranawat, MD	1989	James Herndon, MD
2012	James R. Ficke, MD	1988	Carl L. Nelson, MD
2011	Stuart L. Weinstein, MD	1987	Sigvard T. Hansen, MD
2010	William A. Grana, MD	1986	E. Burke Evans, MD
2009	Bernard F. Morrey, MD	1985	G. Dean MacEwen, MD
2008	Dennis R. Wenger, MD	1984	Vert Mooney, MD
2007	Paul Tornetta, III, MD	1983	Charles S. Neer, II, MD
2006	Roy A. Meals, MD		Paul A. Pemberton, MD
2005	Lawrence G. Lenke, MD		Lee H. Riley, Jr., MD
2004	James P. Tasto, MD		Charles A. Rockwood, MD
2003	Alvin H. Crawford, MD		Clement B. Sledge, MD
2002	Aaron A. Hofmann, MD	1982	Augusto Sarmiento, MD
2001	OU COM Faculty	1981	Robert D. D'Ambrosia, MD
2000	Robert A. Winqvist, MD	1980	Harlan Amstutz, MD
1999	Richard E. White, Jr., MD	1979	Henry J. Mankin, MD
1998	Marc F. Swiontkowski, MD	1978	Ian McNab, MD
1997	Paul R. Manske, MD	1977	Wayne Southwick, MD
1996	Michael F. Schafer, MD	1976	Paul Brown, MD
1995	Angus M. McBride, Jr., MD	1975	Fred C. Reynolds, MD
1994	Robert W. Bucholz, MD		
	Marybeth Ezaki, MD		



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ACCREDITATION STATEMENT

The University of Oklahoma, College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Oklahoma, College of Medicine designates this live activity for a maximum of **9.50** *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CONFLICT RESOLUTION STATEMENT

The University of Oklahoma, College of Medicine, Office of Continuing Professional Development has reviewed this activity's speaker and planner disclosures and resolved all identified conflicts of interest, if applicable.

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)

R. Garrett Steinmetz, MD

**Doctors Pasque, White, Rowles, Haleem, and Teague
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 Orthopedic Surgery Department at (405) 271-5964 or 271-4426.



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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 a CME activity. A **commercial interest** is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients.

DISCLAIMER STATEMENT

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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

Register at <https://ouhsc.cloud-cme.com/aph.aspx>

Registration Fee: \$25

Registration for this year's conference will be online through the OU College of Medicine, Office of Continuing Professional Development website. Please visit the website for instructions on how to sign in and register for the conference.

PARKING INFORMATION FOR GUESTS OF DEPARTMENT OF ORTHOPEDIC SURGERY AND REHABILITATION 44TH ANNUAL VISITING PROFESSORSHIP

- *Andrews Academic Tower Conference Center*
- *Entrance off Stanton L. Young Blvd*
- *Visitor Parking in Lot 11F*
- *Code for the gate: Available upon request*

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

Department of Orthopedic Surgery and Rehabilitation 44th Annual Visiting Professorship CME #18004
 April 19-20, 2018
 OUHSC Andrews Academic Tower 1st Floor Conference Rooms

First Name _____ Middle _____ Last Name _____

Degree _____ Specialty _____

Address _____
 City _____ State _____ Zip _____

Phone _____ Fax _____ Cell Phone (Required) _____

Date of Birth _____ NPI Number _____

Emergency Contact Name _____ Phone (____) _____

Please provide an email address that you will be able to access. You will use this address to complete your evaluation and print your CME certificate.

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- I consent to the receipt of future promotional electronic messages from the University of Oklahoma, College of Medicine, Office of CPD
- I decline to receive future promotional electronic messages from the University of Oklahoma, College of Medicine Office of CPD

Registration Type (please select one)

Registration Type	Registration Rate
Physicians	\$25
Other Healthcare Providers	\$25
Residents/Students	No Charge (Contact Janet Moore at (405) 271-5964 for online registration instructions)

TOTAL AMOUNT DUE: \$ _____

Payment Method:

- Departmental Transfer (OUHSC only) Chartfield spread: MISCA COM015 00014 00000
- Purchase order (please e-mail a copy of the PO to jan-quayle@ouhsc.edu)
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For questions or more information, contact Susie Dealy: susie-dealy@ouhsc.edu or 405-271-2350