

# Hassan R. Mir, MD, MBA

## Hassan R. Mir, MD, MBA FAOA, FACS, FAAOS

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## Employment

Florida Orthopaedic Institute / University of  
South Florida

- Director of Orthopaedic Surgery  
Residency Program  
01/2016 – Present
- Director of Orthopaedic Trauma Service  
Research  
09/2015 – Present
- Professor of Orthopaedic Surgery  
08/2019 – Present
- Associate Professor of Orthopaedic  
Surgery  
09/2015 – 07/2019
- Associate Director of Orthopaedic  
Surgery Residency Program,  
09/2015 – 12/2015

Vanderbilt University

- Associate Professor of Orthopaedics and  
Rehabilitation  
08/2014 – 08/2015
- Associate Director of Orthopaedic  
Trauma  
04/2015 – 08/2015
- Medical Director of Finance, Vanderbilt  
Orthopaedic Institute 03/2014 –  
08/2015
- Assistant Professor of Orthopaedics and  
Rehabilitation,  
09/2010 – 07/2014

WellSpan Orthopaedics, York, PA

- Orthopaedic Trauma Surgeon, 08/2009  
– 08/2010

## Education

Master of Business Administration

- 08/2012 – 05/2014
- Auburn University Physician Executive MBA Program
- Auburn, AL (**GPA: 4.0**)

Fellowships

- AOA/ABC Travelling Fellow – UK, Australia, New Zealand, 04/2019 - 05/2019
- AAOS Leadership Fellow, 03/2015 – 03/2016
- AOA/JOA Travelling Fellow – Japan, 05/2014
- Orthopaedic Traumatology and Post-Traumatic Reconstruction,  
Florida Orthopaedic Institute, Tampa, FL, 07/2008 – 07/2009

Residency

- 07/2004 – 06/2008
- The Campbell Clinic
- University of Tennessee Department of Orthopaedic Surgery
- Memphis, TN

Internship

- 06/2003 – 06/2004
- University of Tennessee Department of Surgery Memphis, TN

Medical School

- 08/1999 – 05/2003
- West Virginia University School of Medicine (MD)
- Morgantown, WV (**Top Graduate 2003**)

Undergraduate

- 08/1995 – 12/1998
- West Virginia University
- Morgantown, WV Degree: Chemistry (BA)
- **Summa Cum Laude (GPA: 3.97)**

Secondary

- 08/1991 – 06/1995
- Valley High School
- Smithers, WV **Valedictorian (GPA: 4.0)**

## Licensure & Certifications

Examinations

- ABOS Re-Certification Passed (thru 12/31/2031)
- ABOS Part 2 Oral Exam (Board Certified) Passed (07/21/2011)
- ABOS Part 1 Written Exam (Board Eligible) Passed (07/18/2008)
- USMLE  
Step 1: 99th Percentile  
Step 2: 95th Percentile  
Step 3: 93rd Percentile

Licenses

- Florida State Licensure (ME 101597, 05/12/2008, Active)
- Pennsylvania State Licensure (MD437960, 07/22/2009, Active)
- Tennessee State Licensure (46441, 07/12/2010, Inactive)
- Mississippi State Licensure (19198, 01/30/2006, Inactive)
- DEA Number (FM0833219, 05/20/2008, Active)
- NPI Number (1467675710, 04/11/2007, Active)

# Hassan R. Mir, MD, MBA

## Consulting

- Bonified Solutions (2012 – Present)
- Smith and Nephew Orthopaedics (2013 – Present)
- Zimmer Biomet (2017 – Present)
- OrthoGrid (2017 – Present)
- Abyrx, Inc. (2019 – Present)
- Flow Fx, Inc. (2021 – Present)
- Trice Medical (2018 – Present)
- Stabiliz (2018 – Present)
- Acumed (2014 – 2015)
- Depuy Synthes (2015 – 2016)
- Pharmacom Group, Inc (2016)

## Memberships & Committees

### National

#### American Academy of Orthopaedic Surgeons (AAOS)

- Healthcare Systems Committee Liaison from BOS (2017 – Present)
- AAOS Board of Specialty Societies (BOS) Nominating Committee (2019)
- Diversity Advisory Board (DAB) Member (2012 – 2018)
- Council on Advocacy Liaison from DAB (2014 – 2018)
- Leadership Fellows Program (2015 – 2016)
- Public Relations National Spokesperson – “Fall Prevention” Campaign (2014)
- Active Fellow (2013 – Present)
- Candidate Member (2009 – 2012)
- National Resident Newsletter Co-Editor (2009 - 2011)
- Candidate, Resident, and Fellow Committee Member (2009 - 2011)

#### American Orthopaedic Association (AOA)

- AOA / JOA Fellowship Taskforce Lead (2020 – present)
- AOA / ABC Travelling Fellowship – UK, Australia, New Zealand (2019)
- Leadership / Fellowship Committee (2016 – Present)
- AOA / JOA Fellowship Taskforce (2016 – Present)
- AOA / ABC Travelling Fellowship – First Alternate (2017)
- Active Member (2014 – Present)
- AOA / JOA Travelling Fellowship – Japan (2014)
- Emerging Leaders Program (2010 – 2014)

#### Orthopaedic Trauma Association (OTA)

- Board of Directors (2020 – 2024)
- Chief Financial Officer (2021 – 2024)
- Chief Financial Officer - Elect (2020 – 2021)
- Finance and Audit Committee Chair (2021 – 2024)
- Patient Mental Health Project Team (2021 – Present)
- OTA Textbook Project Team (2021 – Present)
- AAOS Board of Specialty Societies (BOS) OTA Representative (2017 – Present)
- Fund Development Committee Ex-Oficio Member (2021 – Present)
- Finance and Audit Committee Member (2020 – 2021)
- Online Discussion Forum Founding Chair (2019 – 2021)
- Public Relations Committee Ex-Oficio Member (2019 – 2021)
- Publications Committee Ex-Oficio Member (2019 – 2021)
- Education Committee Member (2017 – 2021)
- Nominating Committee Member (2019)
- Opioid Taskforce Member (2017 – 2021)
- Website Re-Design Project Team (2017 – 2021)
- Fracture Lines National Newsletter Editor-in-Chief (2012 – 2017)
- AAOS Board of Specialty Societies Communications Committee OTA Representative (2016 – 2017)
- Active Member (2013 – Present)
- Public Relations Committee Member (2011 – 2017)
- Member Services Sub-Committee Chair (2011 – 2017)
- Newsletter Sub-Committee Chair (2011 – 2017)

## Memberships & Committees (con't.)

### National

#### Orthopaedic Trauma Association (OTA) (con't.)

- Website Development Sub-Committee Member (2011 – 2017)
- Social Media Sub-Committee Member (2011 – 2017)
- Candidate Member (2009 – 2012)

#### Centers for Disease Control and Prevention (CDC)

- National Center for Injury Prevention and Control Opioid Prescribing Estimates Workgroup (2018 – 2020)

#### American Board of Orthopaedic Surgery (ABOS) Diplomate (2011 – Present)

#### American College of Surgeons (ACS)

- Committee on Trauma (2017 – Present)
- Trauma Quality Improvement Program Expert Panel on Pain (2019 – Present)
- Advocacy and Health Policy Committee (2017 – Present)
- Trauma Systems Committee (2017 – Present)
- Active Fellow (FACS) (2014 – Present)
- Associate Fellow (2013 – 2014)

#### Foundation for Orthopaedic Trauma (FOT) Member (2010 – Present)

- Board of Directors (2018 – Present)
- Chair, Membership Committee (2018 – 2020)
- Research Committee (2014 – 2020)
- Chair, IT Committee (2014 – 2016)
- Nominations Committee (2013 – 2015)
- Membership Committee (2013 – 2015)

#### Surgical Implant Generation Network (SIGN) Member (2011 – Present)

#### Orthopaedic Political Action Committee (PAC) Member (2009 – Present)

#### American Medical Association (AMA) Member (2010 – Present)

#### AO Trauma North America Member/Faculty (2012 – Present)

#### Major Extremity Trauma Research Consortium (METRC)

- Cognitive Based Physical Therapy Study Protocol Committee (2017 – Present)
- Vancomycin Powder Study Protocol Committee (2010 – Present)

#### Association of Physicians of Pakistani Descent of North America (APPNA) Member (2013 – Present)

### Editorial Board

- Journal of Orthopaedic Trauma (JOT) (2010 – Present)
- Journal of the AAOS (JAAOS) (2009 – Present)
- Journal of Bone and Joint Surgery (JBJS) (2011 – Present)
- Southern Medical Journal (SMJ) (2013 – Present)
- Techniques in Orthopaedics (TIO) (2015 – Present)
- Impact – USF Health Intramural Journal (2016 – Present)

#### OsteoSynthesis, JOT Online Discussion Forum

- Editor-in-Chief (2014 – 2016)

#### OTA International (OTAI)

- Digital Editor (2017 – Present)

## Memberships & Committees (con't.)

### Regional

- South Eastern Fracture Consortium (SEFC) Member (2010 – Present)
- Southern Medical Association (SMA) Member (2013 – Present)
- Florida Medical Association (2013 – Present)
- Florida Orthopaedic Society (FOS) Member (2015 – Present)
- Tennessee Orthopaedic Society (TOS) Member (2011 – 2015)
- Board of Directors (2013 – 2015)
- Residency Program Coordinator (2013 – 2015)

### Local

#### University of South Florida

- Founding Chair, GME Diversity and Health Equity Committee (2018 – 2021)
- GME Annual Institution Review Committee (2018 – 2021)
- Director of Orthopaedic Residency Program (2016 – Present)
- Graduate Medical Education Committee (2016 – Present)
- GME Disciplinary and Appeal Policy Committee (2018 – Present)
- GME Residency Coordinator Award Committee (2018 – 2019)
- Microbiota Club (2018 – Present)
- Orthopaedic Appointment, Promotion, and Tenure Committee (2018 – Present)
- Orthopaedic Residency Clinical Competency Committee (2015 – Present)
- Orthopaedic Residency Program Evaluation Committee (2015 – Present)
- Medical Student Orthopaedic Clerkship Director (2016 – Present)
- Medical Student Orthopaedic Track Director (2016 – Present)
- Medical Student Orthopaedic Specialty Advisor (2016 – Present)
- Associate Director of Orthopaedic Residency Program (2015)

#### Tampa General Hospital

- Trauma Program Operational Performance Committee (2015 – Present)
- Pediatric Trauma Program Operational Performance Committee (2015 – Present)
- Operating Room Block Management Committee (2019 – Present)
- Peer Review Committee (2019 – Present)
- Equity Quality Domain Oversight Committee (2020 – Present)
- Surgical Continuous Process Improvement Team (2018 – Present)
- Champion Surgical Safety Committee (2018 – Present)
- Best Practices and Innovation Committee (2017 – Present)
- Geriatric Fracture Program Committee (2015 – Present)
- Director, Healthpark (30<sup>th</sup> St.) Orthopaedic Trauma Specialty Clinic (2015 – Present)

#### Florida Orthopaedic Institute

- Director, Orthopaedic Trauma Service Research (2015 – Present)
- BPCI Committee (2018 – Present)
- OrthoForum Representative (2018)
- Disclosure and Consents Taskforce (2016 – Present)

#### Vanderbilt Orthopaedic Institute

- Medical Director of Finance (2014 – 2015)
- Clinical Competency Committee (2013 – 2014)
- Residency Education Committee (2012 – 2014)
- Residency Education Coordinator For Trauma (2012 – 2015)
- Trauma Division Financial Review Team Leader (2011 – 2015)
- EMR Progress Note and Handover Tool Team Leader (2011 – 2012)
- Health Policy Institute (2010 – 2015)

## Memberships & Committees (con't.)

### Local (con't.)

Vanderbilt University Medical Center

- Transfusion Committee Member (2010 – 2015)
- Trauma Patient Care Center Advisory Panel (2014 – 2015)

### Residency / Fellowship

#### AAOS

- National Resident Newsletter Co-Editor (2007 – 2009)
- Candidate, Resident, and Fellow Committee Member (2007 – 2009)
- Resident Liaison Program Representative (2007 – 2008)

Orthopaedic PAC Member (2007 – 2009)

OTA Candidate Member (2007 – 2009)

## Honors & Awards

### Professional

- FOI/USF Orthopaedic Research Day – 1st Place and 2nd Place (2021)
- OTA Annual Meeting Highlight Papers (2020)
- FOI/USF Orthopaedic Research Day – 1st Place and 2nd Place (2020)
- OTA Annual Meeting Highlight Papers (2019)
- **AOA / ABC Travelling Fellowship** – UK, Australia, New Zealand (2019)
- AAOS Achievement Award (2019)
- **Florida Orthopaedic Institute / University of South Florida Resident Teaching Award** (2018)
- OTA Annual Meeting Highlight Papers (3) (2018)
- AAOS Achievement Award (2018)
- OTA International Manuscript Funding Awards (2) (2018)
- ASEAN Travelling Fellowship Tour Local Host (2018)
- Florida Orthopaedic Society Research Competition – 3rd Place (2018)
- FOI/USF Orthopaedic Research Day – 3rd Place (2018)
- OTA Annual Meeting Highlight Papers (2) (2017)
- AOA / ABC Travelling Fellowship – First Alternate (2017)
- AAOS Achievement Award (2017)
- OTA Recognition Award – Newsletter Editor 2012 - 2017 (2017)
- FOS Champion Member Abstract (2017)
- FOI/USF Orthopaedic Research Day – 3rd Place and Honorable Mention (2017)
- OTA Annual Meeting Best Poster (2016)
- AAOS Leadership Fellows Program (2015 – 2016)
- AAOS Achievement Award (2016)
- AAOS Annual Meeting “Game Changer” Paper (2016)
- OTA Annual Meeting Best Poster (2015)
- **AOA/JOA Travelling Fellowship** – Japan (2014)
- OTA Sponsored JOT Supplement Grant Award (2014)
- WOA Annual Meeting Poster Award – 2nd Place (2014)
- TOS Annual Meeting Poster Award (2014)
- TOS Annual Meeting Podium Award (2014)
- OTA Annual Meeting Highlight Paper (2013)
- Kathy Cramer Award – Best Vanderbilt Chief Resident Research Paper – Mentor (2013)
- **Vanderbilt Orthopaedic Institute Kenneth D. Johnson Resident Teaching Award** (2012)
- Vanderbilt Research Forum Best Clinical Science Poster Award (2012)
- AOA Annual Meeting Special Emphasis Poster (2) (2012)
- AAOS Achievement Award (2011)
- AOA Annual Meeting Special Emphasis Poster (2010)

### Medical School

- Alpha Omega Alpha (Inducted as Junior; Vice President, 2002 - 2003)
- Merck Award (Top Graduating Student - 2003)
- International Health Program (Rotation in Peru - 04/2003)
- W. Warren Point Award (4th year Student with Most Empathy & Compassion - 2003)
- McGraw – Hill and Appleton & Lange Award (Top First Year Student - 2000)
- Medical Endowment Scholarship
- Obstetrics/Gynecology Award of Excellence (2003)
- Van Liere Research Program – Second Place (2001)
- Academic Council (3 Years)
- Student Leadership Committee

## Honors & Awards (cont.)

### Undergraduate

- Summa Cum Laude (1999)
- WVU Foundation Outstanding Senior (Top 1% of Class)
- Phi Beta Kappa National Honor Society
- Phi Kappa Phi National Honor Society
- Mortar Board National Senior Honor Society
- Golden Key National Honor Society
- National Dean's List
- Chimes Junior Honorary
- Alpha Epsilon Delta National Premedical Honor Society
- Phi Sigma Pi National Honor Fraternity (Brother of the Year - 1997)
- Phi Kappa Phi Outstanding Freshman (Top 1% of Class)
- Presidential Scholarship
- Honors Program
- Intramural Athletics (Basketball Team Captain)

### High School

- Class Valedictorian (1995)
- Governor's Honors Academy (1994)
- National Honor Society
- Mountaineer Boys' State (1994)
- Tennis Team Captain
- Academic Team Captain



## Publications

### Articles in Referred Journals

1. **Mir HR**, Russell TA. Minimally Invasive Nail Insertion Technique for Subtrochanteric Femur Fractures: How and Why. *Techniques in Orthopaedics. Surgical Reduction and Stabilization of Subtrochanteric Femur Fractures.* 23(2):118-125, June 2008.
2. Russell TA, **Mir HR**, Stoneback J, Cohen J, Downs B. Avoidance of Malreduction of Proximal Femoral Shaft Fractures with the Use of a Minimally Invasive Nail Insertion Technique (MINIT). *J Orthop Trauma.* 2008 Jul;22(6):391-8.
3. **Mir HR**, Crenshaw WD. Squeaking Ceramic Hips – 2 Case Reports. *Current Orthopaedic Practice.* 2008 Nov; 19(6):682-684.
4. **Mir HR**, Passirini S, Russell TA. The Use of Blocking Screws in Retrograde Intramedullary Nailing of Distal Femoral Shaft Fractures. *Current Orthopaedic Practice.* 2010 Jul/Aug; 21(4): 415-416.
5. **Mir HR**, Edwards PK, Sanders RW, Haidukewych GJ. Results of Cephalomedullary Nail Fixation for Displaced Intracapsular Femoral Neck Fractures. *J Orthop Trauma.* 2011 Dec;25(12):714-20.
6. **Mir HR**, Meinberg EG. When Things Don't Work Out: Finding Another Job. *J Orthop Trauma.* 2011 Dec;25 Suppl 3:S131-4.
7. **Mir HR**, Cannada LK, Murray JN, Black KP, Wolf JM. Orthopaedic Resident and Program Director Opinions of Resident Duty Hours - A National Survey. *J Bone Joint Surg Am.* 2011 Dec 7;93(23):e1421-9.
8. Sethi MK, Obremskey WT, Natividad H, **Mir HR**, Jahangir AA. The Prevalence and Costs of Defensive Medicine among Orthopaedic Surgeons: A National Survey Study. *Am J Orthop.* 2012 Feb; 41(2):69-73.
9. **Mir HR**, Jahangir AA, Sethi MK, Obremskey WT. Grand Rounds from Vanderbilt University – Proximal Humerus Fracture. *J Orthop Trauma.* 2012 Apr;26(4):e29-32.
10. **Mir HR**, Jahangir AA, Sethi MK, Obremskey WT. Grand Rounds from Vanderbilt University – Distal Femoral Metaphyseal Fracture. *J Orthop Trauma.* 2012 Jun;26(6):e60-2.
11. **Mir HR**, Marinescu R, Janda H, Russell TA. Biomechanical Effects of the Nail Entry Zone and Anterior Cortical Bone Loss on the Proximal Tibia. *J Orthop Trauma.* 2013 Jan;27(1):34-41.
12. **Mir HR**. Author's Reply to Dr. Keating's Invited Commentary. Biomechanical Effects of the Nail Entry Zone and Anterior Cortical Bone Loss on the Proximal Tibia. *J Orthop Trauma.* 2013 Jan;27(1):42.
13. Sagi HC, Dziadosz DR, **Mir HR**, Virani N, Olson CM. Obesity, leukocytosis, embolization, and injury severity increase the risk for deep postoperative wound infection after pelvic and acetabular surgery. *J Orthop Trauma.* 2013 Jan;27(1):6-10.
14. **Mir HR**, Edwards PK, Sanders RW, Haidukewych GJ. Iatrogenic Displacement of Minimally/Nondisplaced Intertrochanteric Fractures during Intramedullary Fixation: Incidence, Potential Etiologies, and Clinical Impact. *Current Orthopaedic Practice.* 2013 Jan/Feb; 24(1): 58-63.
15. Bible JE, Kadakia RJ, Choxi AA, Bauer JM, **Mir HR**. Analysis of Retrograde Femoral Nailing through Traumatic Knee Arthrotomies. *J Orthop Trauma.* 2013 Apr;27(4):217-20.
16. Bible JE, Kadakia RJ, Wegner A, Richards JE, **Mir HR**. One-Year Mortality after Isolated Pelvic Fractures with Posterior Ring Involvement in Elderly Patients. *Orthopedics.* 2013 Jun;36(6):760-4.
17. Issar NM, Kadakia RJ, Tsahakis JM, Yoneda ZT, Sethi MK, **Mir HR**, Archer K, Obremskey WT, Jahangir AA. The Link between Texting and Motor Vehicle Collision Frequency in the Orthopaedic Trauma Population. *J Inj Violence Res.* 2013 Jul;5(2):95-100.
18. Bible JE, Choxi AA, Dhulipala S, Evans JM, **Mir HR**. Quantification of Anterior Cortical Bone Removal and Intermeniscal Damage at the Tibial Nail Entry Zone using Parapatellar and Retropatellar Approaches. *J Orthop Trauma.* 2013 Aug;27(8):437-41.
19. Kadakia RJ, Tsahakis JM, Issar NM, Archer KR, Jahangir AA, Sethi MK, Obremskey WT, **Mir HR**. Health Literacy in an Orthopaedic Trauma Patient Population – A Cross Sectional Survey of Patient Comprehension. *J Orthop Trauma.* 2013 Aug;27(8):467-71.
20. Lee D, Stinner DC, **Mir HR**. Quadriceps and Patellar Tendon Ruptures. *J Knee Surg.* 2013 Oct;26(5):301-8.
21. Sathikumar V, Jahangir AA, **Mir HR**, Obremskey WT, Lee Y, Apfeld JC, Sethi MK. The Prevalence and Costs of Defensive Medicine among Orthopaedic Trauma Surgeons: A National Survey Study. *J Orthop Trauma.* 2013 Oct;27(10):592-7
22. Bible JE, McClure JM, **Mir HR**. Analysis of One vs. Two-Incision Fasciotomy for Tibial Fractures with Acute Compartment Syndrome. *J Orthop Trauma.* 2013 Nov;27(11):607-11.
23. Bible JE, Choxi AA, Dhulipala S, Evans JM, **Mir HR**. Tibia-Based Referencing for "Standard" Proximal Tibial Radiographs During Intramedullary Nailing. *Am J Orthop (Belle Mead NJ).* 2013 Nov;42(11):E95-8.
24. Sathiyakumar V, Sethi MK, Obremskey WT, **Mir HR**, Jahangir AA. Patterns of Costs and Spending Among Orthopaedic Surgeons Across the United States: A National Survey. *Am J Orthop (Belle Mead NJ).* 2014 Jan;43(1):E7-E13.
25. Stinner DC, **Mir HR**. Techniques for Intramedullary Nailing of Proximal Tibia Fractures. *Orthop Clin North Am.* 2014 Jan;45(1):33-45.



## Publications (con't.)

26. Bauer JM, Bible JE, **Mir HR**. Is it Safe to Place a Tibial Nail through a Traumatic Knee Arthrotomy? *Am J Orthop (Belle Mead NJ)*. 2014 Mar;43(3):118-21.
27. Bible JE, Wegner A, McClure JM, Kadakia RJ, Richards JE, Bauer JM, **Mir HR**. One-Year Mortality after Acetabular Fractures in Elderly Patients Presenting to a Level-One Trauma Center. *J Orthop Trauma*. 2014 Mar;28(3):154-9.
28. Richards JE, Hutchinson J, Mukherjee K, Jahangir AA, **Mir HR**, Evans JM, Perdue AM, Obremskey WT, Sethi MK, May AK. Stress Hyperglycemia and Surgical Site Infection in Stable Non-Diabetic Adults with Orthopaedic Injuries. *J Trauma Acute Care Surg*. 2014 Apr;76(4):1070-5.
29. Tsahakis JM, Issar NM, Kadakia RJ, Archer KR, Barzyk T, **Mir HR**. Health Literacy in an Orthopaedic Trauma Patient Population – Improving Patient Comprehension with Informational Intervention. *J Orthop Trauma*. 2014 Apr;28(4):e75-9.
30. Bible JE, Sivasubramaniam P, Jahangir AA, Evans JM, **Mir HR**. High-Energy Trans- Syndesmotic Ankle Fracture Dislocations – The “Logsplitter” Injury. *J Orthop Trauma*. 2014 Apr;28(4):200-4.
31. Collinge, CN, **Mir HR**, Reddix R. Fracture Morphology of High Shear Angle “Vertical” Femoral Neck Fractures in Young Adults. *J Orthop Trauma*. 2014 May;28(5):270-5.
32. Corrigan CM, **Mir HR**. Posttraumatic Heterotopic Ossification around the Hip. *Current Orthopaedic Practice*. 2014 May/June; 25(3):203-207.
33. Bible JE, Choxi AA, Kadakia RJ, Evans JM, **Mir HR**. Quantification of Bony Pelvic Exposure through the Modified Stoppa Approach. *J Orthop Trauma*. 2014 Jun;28(6):320-3
34. Bible JE, Spangler DM, **Mir HR**. An Orthopaedic Primer for Workers Compensation. *Spine J*. 2014 Jul 1;14(7):1325-1331.
35. Morris BJ, Zumsteg JW, Cash B, Archer KR, **Mir HR**. Predictors of Narcotic Use and Doctor Shopping in the Orthopaedic Trauma Population. *J Bone Joint Surg Am*. 2014 Aug 6;96(15):1257-1262.
36. Lebus GF, Krueger C, Stinner DS, **Mir HR**. Hunting-stand Related Injuries in Orthopaedics. *South Med J*. 2014 Sep;107(9):574-7.
37. Kroonen LT, Tyler W, **Mir HR**, Zlotolow D. August 9, 1945, 11:02am. *J Hand Surg*. Volume 39, Issue 9, Pages 1830–1831, September 2014.
38. Lee D, **Mir HR**. International Systems of Health and Trauma Care. *J Orthop Trauma*. 2014 Oct;28 Suppl 10:S8-S10.
39. Greenberg S, **Mir HR**, Jahangir AA, Mehta S, Sethi MK. Impacting Policy Change for Orthopaedic Trauma. *J Orthop Trauma*. 2014 Oct;28 Suppl 10:S14-6
40. Avilucea FR, Greenberg SE, Grantham WJ, Sathiyakumar V, Thakore R, Nwosu S, Swygert KA, Obremskey WT, **Mir HR**, Sethi MK. The Costs of Operative Complications for Ankle Fractures: A Case Control Study. *Adv Orthop*. 2014;2014:709241. Epub 2014 Nov 27.
41. Bible JE, **Mir HR**. Well-Leg Positioning on a Fracture Table using a Pillow Sling. *Am J Orthop (Belle Mead NJ)*. 2014 Dec;43(12):571-3.
42. Tyler W, **Mir HR**, Zlotolow D, Kroonen LT. 2014 AOA-JOA Travelling Fellowship – Banzai & Beyond. *J Bone Joint Surg Am*. 2015 Feb 18;97(4):e22.
43. Ihejirika RC, Thakore R, Jahangir AA, Obremskey WT, **Mir HR**, Sethi MK. Healthcare Reimbursement Models and Orthopaedic Trauma: Will There Be Change in Patient Management? *J Orthop Trauma*. 2015 Feb;29(2):e79-84.
44. Collinge CA, **Mir HR**, McAndrew C. Displaced Femoral Neck Fractures in Young Adults: Accessory Fixation. *Techniques in Orthopaedics*. 2015 March; 30(1):16-21.
45. **Mir HR**, Collinge CN. Application of a medial buttress plate may prevent many treatment failures seen after fixation of vertical femoral neck fractures in young adults. *Med Hypotheses*. 2015 May;84(5):429-33.
46. Molina CS, Callan AK, Burgos EJ, **Mir HR**. On-Call Communication in Orthopaedic Trauma: “A Picture is Worth a Thousand Words”. *J Orthop Trauma*. 2015 May;29(5):e194-7.
47. Morris BJ, **Mir HR**. The Opioid Epidemic – Impact on Orthopaedic Surgery. *J Am Acad Orthop Surg*. 2015 May;23(5):267-71.
48. Yoon RS, Bible JE, Marcus MS, Donegan D, Bergmann K, Siebler J, **Mir HR**, Liporace FA. Outcomes Following Combined Intramedullary Nail and Plate Combinations for Complex Tibial Fractures: A Multi-center Study. *Injury*. 2015 Jun;46(6):1097-101.
49. Stinner DC, **Mir HR**. Use of the Lateral Fluoroscopic View to Identify a Safe Starting Point and Trajectory Lines when Placing Percutaneous Iliosacral Screws. *J Surg Orthop Adv*. 2015 Summer;24(2):147-50
50. Avilucea, FR, **Mir HR**. Displaced Closed Subtrochanteric Hip Fractures With Nails. *Techniques in Orthopaedics*. 2015 June; 30(2):104-110.

## Publications (con't.)

51. Atkinson CT, **Mir HR**. Development of an Orthopaedic Handover System to Improve Communication for Inpatient Care. *Current Orthopaedic Practice*. Epub 2015 Jul 16.
52. Levin P, **Mir HR**. The Opioid Epidemic – Impact on Orthopaedic Surgery. Invited Commentary. *J Am Acad Orthop Surg*. 2015 Sep;23(9):e36-7.
53. Sathiyakumar V, Greenberg SE, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Impact of type of surgery on deep venous thrombi and pulmonary emboli: a look at twenty seven thousand hip fracture patients. *Int Orthop*. 2015 Oct;39(10):2017-22.
54. Morris BJ, Richards JE, Guillamondegui OD, Sweeney KR, **Mir HR**, Obremskey WT, Kregor PJ. Obesity Increases Early Complications Following High-Energy Pelvic and Acetabular Fractures Treated both Operatively and Nonoperatively. *Orthopedics*. 2015 Oct 1;38(10):e881-7.
55. Sethi MK, **Mir HR**. Misclassification of Pelvic Ring Injuries in the National Trauma Data Bank – Invited Commentary. *J Orthop Trauma*. 2015 Oct;29(10):462-3.
56. Singh K, Bible JE, **Mir HR**. Single and Dual-Incision Fasciotomy of the Lower Leg. *JBSJ Essent Surg Tech*. 2015 Nov 11; 5 (4): e25.
57. Bible JE, **Mir HR**. External Fixation – Principles and Application. *J Am Acad Orthop Surg*. 2015 Nov;23(11):683-90.
58. **Mir HR**. Getting Started in Orthopaedic Trauma Research. *J Orthop Trauma*. 2015 Nov;29 Suppl 11:S17-20.
59. Devers BN, Lebus GF, **Mir HR**. Incidence and Functional Outcomes Following Malunion of Non-operative Humeral Shaft Fractures. *Am J Orthop (Belle Mead NJ)*. 2015 Nov;44(11):E434-7.
60. Singh K, Bauer JM, LaChaud GY, Bible JE, **Mir HR**. Surgical Site Infection in High-Energy Peri-articular Tibia Fractures with Intra-Wound Vancomycin Powder: A Retrospective Pilot Study. *J Orthop Traumatol*. 2015 Dec;16(4):287-91.
61. Singh K, Sivasubramaniam P, Ghuman SA, **Mir HR**. The Dilemma of the Racist Patient. *Am J Orthop (Belle Mead NJ)*. 2015 Dec;44(12):E477-9.
62. Perdue AM, Greenberg SE, Sathiyakumar V, Thakore R, **Mir HR**, Obremskey WT, Sethi MK. Staged Columnar Fixation of Bicondylar Tibial Plateaus: A Cheaper Alternative to External Fixation. *J Surg Orthop Adv*. 2016 Spring;25(1):13-7.
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152. Major Extremity Trauma Research Consortium (METRC), O'Toole RV, Joshi M, Carlini AR, Murray CK, Allen LE, Huang Y, Scharfstein DO, O'Hara NN, Gary JL, Bosse MJ, Castillo RC, Bishop JA, Weaver MJ, Firoozabadi R, Hsu JR, Karunakar MA, Seymour RB, Sims SH, Churchill C, Brennan ML, Gonzales G, Reilly RM, Zura RD, Howes CR, **Mir HR**, Wagstrom EA, Westberg J, Gaski GE, Kempton LB, Natoli RM, Sorkin AT, Virkus WW, Hill LC, Hymes RA, Holzman M, Malekzadeh AS, Schulman JE, Ramsey L, Cuff JAN, Haaser S, Osgood GM, Shafiq B, Laljani V, Lee OC, Krause PC, Rowe CJ, Hilliard CL, Morandi MM, Mullins A, Achor TS, Choo AM, Munz JW, Boutte SJ, Vallier HA, Breslin MA, Frisch HM, Kaufman AM, Large TM, LeCroy CM, Riggsbee C, Smith CS, Crickard CV, Phieffer LS, Sheridan E, Jones CB, Sietsema DL, Reid JS, Ringenbach K, Hayda R, Evans AR, Crisco MJ, Rivera JC, Osborn PM, Kimmel J, Stawicki SP, Nwachuku CO, Wojda TR, Rehman S, Donnelly JM, Caroom C, Jenkins MD, Boulton CL, Costales TG, LeBrun CT, Manson TT, Mascarenhas DC, Nascone JW, Pollak AN, Sciadini MF, Slobogean GP, Berger PZ, Connelly DW, Degani Y, Howe AL, Marinos DP, Montalvo RN, Reahl GB, Schoonover CD, Schroder LK, Vang S, Bergin PF, Graves ML, Russell GV, Spitler CA, Hydrick JM, Teague D, Ertl W, Hickerson LE, Moloney GB, Weinlein JC, Zelle BA, Agarwal A, Karia RA, Sathy AK, Au B, Maroto M, Sanders D, Higgins TF, Haller JM, Rothberg DL, Weiss DB, Yarboro SR, McVey ED, Lester-Ballard V, Goodspeed D, Lang GJ, Whiting PS, Siy AB, Obremskey WT, Jahangir AA, Attum B, Burgos EJ, Molina CS, Rodriguez-Buitrago A, Gajari V, Trochez KM, Halvorson JJ, Miller AN, Goodman JB, Holden MB, McAndrew CM, Gardner MJ, Ricci WM, Spraggs-Hughes A, Collins SC, Taylor TJ, Zadnik M. Effect of Intrawound Vancomycin Powder in Operatively Treated High-risk Tibia Fractures: A Randomized Clinical Trial. *JAMA Surg*. 2021 May 1;156(5):e207259.
153. Busel G, Merimee S, Atassi O, De La Fuente G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, **Mir HR**. Quality of Reduction of Displaced Intra-articular Calcaneal Fractures Using a Sinus Tarsi Versus Extensile Lateral Approach. *J Orthop Trauma*. 2021 Jun 1;35(6):285-288.
154. Kuripla C, Tornetta P 3rd, Foote CJ, Koh J, Sems A, Shamaa T, Vallier H, Sorg D, **Mir HR**, Streufert B, Spitler C, Mullis B, McGowan B, Weinlein J, Cannada L, Charlu J, Wagstrom E, Westberg J, Morshed S, Cortez A, Krause P, Marcantonio A, Soles G, Lipof J. Timing of Flap Coverage With Respect to Definitive Fixation in Open Tibia Fractures. *J Orthop Trauma*. 2021 Aug 1;35(8):430-436.

## Publications (con't.)

### Book Chapters

1. **Mir HR**, Haidukewych GJ. Management of Intertrochanteric Femur Fractures. In "Orthopaedic Traumatology: An Evidence Based Approach." Sethi MK, Jahangir AA, Obremskey WT, Editors. New York, NY: Springer Publishing, 2012. 219 - 231.
2. **Mir HR**, Sanders RW. Management of Talus Fractures. In "Orthopaedic Traumatology: An Evidence Based Approach." Sethi MK, Jahangir AA, Obremskey WT, Editors. New York, NY: Springer Publishing, 2012. 373 - 385.
3. Kadakia, RJ, **Mir HR**. Government and State Agencies: Who Administrates Healthcare on Federal and State Levels? In "An Introduction to Health Policy: A Primer for Physicians and Medical Students." Sethi MK, Frist W, Editors. New York, NY: Springer Publishing, 2013. 209 – 220.
4. **Mir HR**, Rao R. Patient Centered Care: Communication Skills and Cultural Competence. In "Orthopaedic Knowledge Update (OKU) 11." Cannada LK, Editor. American Academy of Orthopaedic Surgery. Chicago, IL, 2014.
5. Bauer JM, **Mir HR**. Proximal Tibia Fracture. In "Fractures of the Tibia: A Clinical Casebook." Tejwani NM, Editor. Springer. New York, NY. 2015.
6. Collinge C, **Mir HR**. Femoral Neck Fractures in Young Adults. In "Orthopaedic Knowledge Update Trauma (OKU) 5." Ricci WM, Ostrum RF, Editors. American Academy of Orthopaedic Surgery. Chicago, IL. 2016.
7. Callan AK, **Mir HR**. Compartment Syndrome: Management and Techniques of Release. In "AAOS Let's Discuss: Common Orthopaedic Emergencies – Surviving the Night." Koval KJ, Tornetta P, Editors. American Academy of Orthopaedic Surgery. Chicago, IL. 2016.
8. Sanders RW, **Mir HR**. Calcaneal Fractures / Talar Neck Fractures. In "Master Techniques in Orthopaedic Surgery: Soft Tissue Surgery." Moran SL, Sems SA, Editors. Wolters Kluwer. Philadelphia, PA. 2016.
9. **Mir HR**, Haidukewych GJ. Management of Intertrochanteric Femur Fractures. In "Orthopaedic Traumatology: An Evidence Based Approach 2nd Edition." Sethi MK, Jahangir AA, Collinge CA, Obremskey WT, Editors. New York, NY: Springer Publishing. 2018.
10. **Mir HR**, Sanders RW. Management of Talus Fractures. In "Orthopaedic Traumatology: An Evidence Based Approach 2nd Edition." Sethi MK, Jahangir AA, Collinge CA, Obremskey WT, Editors. New York, NY: Springer Publishing. 2018.
11. Frank M, **Mir HR**. General Considerations & Preoperative Work-up. In "Periprosthetic Fractures of the Hip and Knee: Surgical Techniques and Tips." Liporace FA, Yoon RS, Editors. New York, NY: Springer Publishing. 2019.
12. Miller AM, **Mir HR**. Perioperative Pain Management of Fractures. In "Rockwood and Wilkins' Fractures in Adults, 9th Edition." Tornetta P, Ricci W, McQueen M, Court Brown C, Mckee M, Editors. Philadelphia, PA: Wolters Kluwer Publishing. 2019.
13. Donohue D, **Mir HR**. Osteoporosis. In "Synopsis of Orthopaedic Trauma Management." Mullis BH, Gaski GE, Editors. New York, NY: Thieme Publishing. In Press - 2018.
14. Collinge C, **Mir HR**. Femoral Neck Fractures in Young Adults. In "Chapman's Comprehensive Orthopaedic Surgery, 4<sup>th</sup> Edition." Chapman MW, James MA, Editors. Jaypee Brothers Medical Pub; 4 edition (January 31, 2019).
15. Miller AM, **Mir HR**. Perioperative Pain Management of Fractures. In "Rockwood and Green's Fractures in Adults, Live." Collinge C, Editor. Philadelphia, PA: Wolters Kluwer Publishing. 2019.
16. **Mir HR**. Cephalomedullary Nailing of the Proximal Femur. In "Operative Techniques in Orthopaedic Surgery, 3rd Edition." Wiesel S, Editor. Philadelphia, PA: Wolters Kluwer Publishing. In Press - 2019.
17. Mitchell J, Grewal I, **Mir HR**. Acute Management of Pelvic and Acetabular Fractures. In "AAOS Surgical Insights: Taking Orthopaedic Trauma Call – High Yield Topics to Survive the Night." Mullis B, Editor. American Academy of Orthopaedic Surgery. Chicago, IL. 2020.
18. Grewal I, **Mir HR**. Acute Management of Pelvic and Acetabular Fractures. In "Tips and Tricks for Problem Fractures, Volume II – The Lower Extremity." Horwitz D, Suk M, Editors. New York, NY: Springer Publishing. In Press - 2021.



## Publications (cont.)

### Editorial

1. Sethi MK, Jahangir AA, **Mir HR**, Editors. Health Policy and Orthopaedic Trauma: Looking Back In Order to Look Forward. J Orthop Trauma Supplement. November, 2014.
2. Scolaro JA, Donegan D, **Mir HR**, editors. Distal Tibia Fractures. J Orthop Trauma Supplement. November, 2016.
3. Zura R, Lamsback W, Krause P, Kahn M, Stinner D, **Mir HR**, Editors. "Orthopaedic Trauma – Tricks of the Trade." New York, NY. In Press – 2021.
4. Ricci W, Mehta S Editors; Firoozabadi, **Mir HR**, Section Editors. "Orthopaedic Knowledge Update – Trauma, 6th Edition." Philadelphia, PA: Wolters Kluwer Publishing. In Press – 2021.

### Articles in Refereed Journals (Other than Published)

1. Avilucea FR, **Mir HR**. State of the Art – Open Fractures. Accepted by JOT.
2. Lopas, L, **Mir HR**. Articular Visualization with a Needle Based Camera to Aid Fracture Fixation: a Case Series. Submitted to Injury.
3. Lopas L, Albertson S, Solomon E, Watson D, Shah A, Maxson B, Infante A, Donohue D, Downes K, Sanders R, **Mir HR**. Outcomes of Various Antibiotic Cement Coated Intramedullary Implants on the Treatment of Long Bone Septic Nonunion? Accepted by JOT.
4. John M, **Mir HR**. Immediate Weightbearing in Distal Tibia fractures treated with Intramedullary Nails. Accepted by OTAI.
5. Ahmed AS, Kim RL, Ramsamooj H, Roberts M, Downes H, **Mir HR**. Perception Meets Reality – Self-Reported Health on HCAHPS and Press Ganey Surveys Is Correlated with Validated Health Scores (ASA, CCI) in Orthopaedic Trauma Patients. Submitted to JAAOS.
6. Busel G, Atassi O, De La Fuente G, Donohue D, Watson D, Decker S, **Mir HR**. Use of a Low Dose on Postoperative CT Protocol for Acetabular Fractures. Submitted to JOT.
7. Lund EA, Sellers T, Diaz M, Santoni B, **Mir HR**. Interfragmentary Positional Screws Maintain Reduction as Well as Lag Screws After Cyclic Loading: A Biomechanical Study. Manuscript in Preparation.
8. Hull B, Sullivan A, Matson C, Diaz M, **Mir HR**. Interfragmentary Positional Screws Maintain Reduction as Well as Lag Screws After Cyclic Loading: A Biomechanical Study. In Osteoporotic Bone. Manuscript in Preparation.
9. Lufano R, Mesa L, Watson D, Shah A, Maxson B, Infante A, Donohue D, Downes K, Sanders R, **Mir HR**. Acute ORIF of Tibial Pilon Fractures – Is Staging Necessary? Manuscript in Preparation.
10. Mesa L, Lufano R, Hannon PJ, Mizel J, Watson D, Shah A, Maxson B, Infante A, Donohue D, Downes K, Sanders R, **Mir HR**. Acute ORIF of Bicondylar Tibial Plateau Fractures – Is Staging Necessary? Manuscript in Preparation.
11. Mesa L, Birkett N, Lufano R, Chatta R, Hassan M, Hannon PJ, Mizel J, Ensor D, Watson D, Shah A, Maxson B, Infante A, Donohue D, Bates P, Downes K, Achan R, Sanders R, Grewal IS, **Mir HR**. An International Comparison of Acute Versus Staged Fixation of Bicondylar Tibial Plateau Fractures. Manuscript in Preparation.
12. Merimee S, Ali A, Mullins J, Alexander R, Downes K, **Mir HR**. Lost in the Shuffle: Geriatric Fracture Patients & Families Have Poor Health Literacy & Long Length of Stay in Post-Acute Care Facilities - A Prospective Study. Manuscript in Preparation.
13. **Mir HR**. Chen AF, Dulai SK, Grewal r, Kelly D, Lee M, Leucht P, Downes K. Physician Wellness in Orthopaedic Surgery: A Multi-National Survey Study. Submitted to BJO.
14. Streufert B, Diaz M, Branch E, Harraka M, **Mir HR**. Do Subchondral Implants or Calcium Phosphate Alter Long-Term Biomechanics of Overlying Articular Cartilage? Manuscript in Preparation.
15. Patel R, McCarthy K, Christensen J, Karsch J, Saphien A, Matson C, Maxson B, Infante A, Shah A, Watson D, Sanders R, **Mir HR**. Analysis of Current Advances in Fibular Plating Technology – Are the Increased Costs Justified? Manuscript in Preparation.
16. Matson C, Gostigian G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, **Mir HR**. Failed Distal Interlocks with Long CMN: Do They Matter? Incidence, Predictors, and Clinical Impact. Manuscript in Preparation.
17. John M, Streufert B, Downes K, **Mir HR**. A Prospective Randomized Controlled Trial Comparing Subcutaneous Enoxaparin & Oral Rivaroxaban for Venous Thromboembolism Prophylaxis in Orthopaedic Trauma Patients. Manuscript in Preparation.
18. Telgheder Z, Lewis J, Strezlow J, Downes K, **Mir HR**. 10-Year Incidence and Possible Predictors of Conversion to TKA Following Operative Fixation of Distal Femur Fractures: Analysis of 6086 Patients. Manuscript in Preparation.

## Publications (cont.)

### Articles in Non-Peer Reviewed Publications

1. **Mir HR**. Resident Highlights from the 2007 AAOS Annual Meeting. AAOS Resident Newsletter. 2007; 5:3.
2. **Mir HR**. AAOS Expands Membership to All Residents – “Get Involved NOW.” AAOS NOW. 2008 Jul; 2(7):55.
3. **Mir HR**. New “Resident” Slots Added to AAOS Committees. AAOS NOW. 2008 Jul; 2(7):55.
4. **Mir HR**. Relationship Between Industry and Orthopaedic Residents and Fellows. AAOS Resident Newsletter. 2010; 8:5.
5. **Mir HR**. Relationship Between Industry and Orthopaedic Residents and Fellows. OTA Newsletter. Spring 2010.
6. **Mir HR**. Changing Jobs Early in Your Orthopaedic Career. OTA Newsletter. Fall 2010.
7. **Mir HR**. Remember Your Mentors. OTA Newsletter. Winter 2010.
8. **Mir HR**. Supreme Court Ruling on FICA Taxes for Medical Residents. AAOS NOW. 2011 Apr; 5(4).
9. **Mir HR**. Trauma System Funding. OTA Newsletter. Spring 2011.
10. **Mir HR**. Who is Funding Your Trauma System? AAOS NOW. 2011 May; 5(5).
11. Sethi MK, **Mir HR**, Obremskey WT, Jahangir AA. The Evolution of Medical Device Regulation in the United States. AAOS NOW. 2011 Jul; 2(7):55.
12. Sethi MK, Powell M, **Mir HR**, Obremskey WT, Jahangir AA. The Class Act and The 2010 Patient Protection and Affordable Care Act. OTA Newsletter. Winter 2011.
13. **Mir HR**. From the Editor. OTA Newsletter. Winter 2012.
14. Issar NM, **Mir HR**, Obremskey WT, Jahangir AA, Sethi MK. The Demise of the CLASS Act and its Implications for the Future of Long-Term Care. AAOS NOW. 2012 Feb.
15. **Mir HR**. From the Editor. OTA Newsletter. Spring 2012.
16. Miller DJ, Obremskey WT, **Mir HR**, Jahangir AA, Sethi MK. ACOs: New Payment Models Present Opportunities, Risks. AAOS NOW. 2012 Jun.
17. **Mir HR**. From the Editor. OTA Newsletter. Fall 2012.
18. **Mir HR**. Remember Your Mentors. AOA Emerging Leaders Messenger. 2012 Nov.
19. Apfeld JC, Han A, Stern T, **Mir HR**, Obremskey WT, Jahangir AA, Sethi MK. Implications of the Supreme Court Ruling on Medicaid. AAOS NOW. 2012 Sep.
20. Stinner DJ, Apfeld JC, Sethi MK, **Mir HR**, Jahangir AA. Does Medical Liability Reform Decrease Healthcare Costs? AAOS NOW. 2012 Dec.
21. **Mir HR**. From the Editor. OTA Newsletter. Winter 2013.
22. **Mir HR**. Care of the Muslim-American Patient. AAOS Culturally Competent Care Slides. 2013 Mar.
23. Stinner DJ, **Mir HR**, Obremskey WT, Sethi MK, Jahangir AA. How do we Improve the Value Proposition? AAOS NOW. 2013 Apr.
24. **Mir HR**. From the Editor. OTA Newsletter. Spring 2013.
25. Apfeld JC, **Mir HR**, Jahangir AA, Sethi MK. Results from a Mini-Trial of the Medicaid Expansion in Oregon: Coverage, Utilization, and Costs. AAOS NOW. 2013 Jul.
26. Blumer A, Thakore RV, Jahangir AA, **Mir HR**, Sethi MK. What the ACA Delays Mean. AAOS NOW. 2013 Sep.
27. **Mir HR**. From the Editor. OTA Newsletter. Fall 2013.
28. **Mir HR**. From the Editor. OTA Newsletter. Winter 2014.
29. **Mir HR**. From the Editor. OTA Newsletter. Spring 2014.
30. **Mir HR**. From the Editor. OTA Newsletter. Fall 2014.
31. **Mir HR**. From the Editor. OTA Newsletter. Winter 2015.
32. **Mir HR**, Morris BJ. “Doctor Shopping” after Orthopaedic Trauma. Physician’s Weekly. 2015 Feb 9.
33. **Mir HR**. From the Editor. OTA Newsletter. Spring 2015.
34. **Mir HR**. From the Editor. OTA Newsletter. Fall 2015.
35. **Mir HR**. From the Editor. OTA Newsletter. Winter 2016.
36. **Mir HR**. From the Editor. OTA Newsletter. Spring 2016.
37. **Mir HR**. From the Editor. OTA Newsletter. Fall 2016.
38. **Mir HR**. From the Editor. OTA Newsletter. Winter 2017.
39. Gold, MS, Alden WF, Abubaker AO, Judd C, **Mir HR**, Schmidt S. Time to Listen: What the Experts Have to Say About Safe Opioid Prescribing and Addiction Treatment. American Family Physician Supplement. April 2019.
40. **Opioid Prescribing Estimates Workgroup**. NCIPC BSC Opioid Prescribing Workgroup Report. Observations presented to the National Center for Injury Prevention and Control’s Board of Scientific Counselors. Preparatory material for Board of Scientific Counselors meeting on December 12, 2018.

## Grants Funded

1. Vanderbilt Institute for Clinical and Translational Research Scientific Review Committee. Vanderbilt CTSA Grant UL1 RR024975 from NCRR/NIH. 05/30/2012 – 05/30/2013.
  - Project: “Vancomycin Powder as Local Antibiotic Prophylaxis to Reduce Infection After Operative Treatment of High-Energy Lower Extremity Fractures”
  - Amount: \$6,424
  - Investigators: Hassan R. Mir, MD (Principal Investigator) Jesse M Bible, MD (Co-Investigator)
2. Vanderbilt Orthopaedic Institute Pilot Grant Program. 05/30/2012 – 05/30/2013.
  - Project: “Vancomycin Powder as Local Antibiotic Prophylaxis to Reduce Infection After Operative Treatment of High-Energy Lower Extremity Fractures”
  - Amount: \$10,000
  - Investigators: Hassan R. Mir, MD (Principal Investigator) Jesse M Bible, MD (Co-Investigator)
3. COTA (Center for Orthopaedic Trauma) Fellowship Grant. 08/01/2010 - 07/31/2011
  - Amount: \$50,000
  - Role: Mentor
4. COTA (Center for Orthopaedic Trauma) Fellowship Grant. 08/01/2011 - 07/31/2012
  - Amount: \$75,000
  - Role: Mentor
5. OREF (Orthopaedic Research and Education Foundation) Fellowship Grant in Trauma. 8/1/2011- 7/31/2012
  - Amount: \$52,600
  - Role: Mentor
6. COTA (Center for Orthopaedic Trauma) Fellowship Grant. 08/01/2012 - 07/31/2013
  - Amount: \$75,000
  - Role: Mentor
7. OREF (Orthopaedic Research and Education Foundation) Fellowship Grant in Trauma. 08/01/2012 - 07/31/2013
  - Amount: \$26,293
  - Role: Mentor
8. OMEGA Fellowship in Orthopaedic Trauma. 08/01/2013 - 07/31/2014
  - Amount: \$25,000
  - Role: Mentor
9. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2013 - 07/31/2014
  - Amount: \$75,000 Role: Mentor
10. OTA Sponsored JOT Supplement Grant Award. 01/16/2014.
  - Project: “Health Policy and Orthopaedic Trauma: Looking Back In Order to Look Forward”
  - Amount: \$20,000
  - Investigators: Manish K. Sethi MD, A. Alex Jahangir MD, Hassan R. Mir MD
11. AOA / JOA Traveling Fellowship Grant Award. 05/12/2014 - 05/31/2014
  - Amount: \$6,000
  - Role: Traveling Fellow
12. Smith & Nephew Research Support. 2015 - Present.
  - Project: “A Prospective Randomized Trial of Intertrochanteric Femoral Fractures Treated with a Single Screw Versus a Two-integrated Screw Cephalo-medullary nail”
  - Amount: \$44,563
  - Investigators: Hassan R. Mir, MD (Principal Investigator) Roy W. Sanders, MD (Co-Investigator)

## Grants Funded (con't.)

13. AOTrauma (AOTNA) North America's Fellows Research Support. 2015 - 2016.
  - Project: "The mechanical effect of blocking screws in geriatric supracondylar femur fractures treated with intramedullary fixation."
  - Amount: \$14,575
  - Investigators: Darryl Auston, MD, PhD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
14. Foundation for Orthopaedic Trauma Research Support. 2015 - 2016.
  - Project: "The mechanical effect of blocking screws in geriatric supracondylar femur fractures treated with intramedullary fixation."
  - Amount: \$4,416
  - Investigators: Darryl Auston, MD, PhD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
15. OMEGA Fellowship in Orthopaedic Trauma. 08/01/2016 - 07/31/2017
  - Amount: \$10,500
  - Role: Mentor
16. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2016 - 07/31/2017
  - Amount: \$60,250
  - Role: Mentor
17. AOTrauma Fellowship in Orthopaedic Trauma. 08/01/2016 - 07/31/2017
  - Amount: \$75,000
  - Role: Mentor
18. AOTrauma (AOTNA) North America's Fellows Research Support. 2016 - 2017.
  - Project: "Distal femur construct comparison: A biomechanical comparison of lateral locking plate construct vs lateral locking plate with additional medial distal femur plate vs lateral locking plate with a retrograde femoral nail for intra-articular distal femur fractures (AO/OTA 33C)."
  - Amount: \$14,960
  - Investigators: Brett Barrick, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
19. NuVasive Research Support. 2016 - Present.
  - Project: "Humeral Compression/Distractor (CD) Device used for fixation of humeral fractures"
  - Amount: \$75,817
  - Investigators: Roy W. Sanders, MD (Principal Investigator) Hassan R. Mir, MD (Co-Investigator)
20. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2017 - 07/31/2018
  - Amount: \$60,250
  - Role: Mentor
21. AOTrauma Fellowship in Orthopaedic Trauma. 08/01/2017 - 07/31/2018
  - Amount: \$75,000
  - Role: Mentor
22. Foundation for Orthopaedic Trauma Research Support. 2017 - 2018.
  - Project: "Opioid Prescribing patterns and Relationship to Patient Satisfaction in Orthopaedic Trauma."
  - Amount: \$12,556
  - Investigators: Adil Ahmed, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
23. AOTrauma (AOTNA) North America's Fellows Research Support. 2017 - 2018
  - Project: "Do interfragmentary lag screws have similar pullout strength, hold compression, maintain reduction and hold purchase as well as positional screws?"
  - Amount: \$15,000
  - Investigators: Erik Lund, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)

## Grants Funded (con't.)

24. University of South Florida Health Technology Fee Grant. 2017 - 2020.
  - Project: Center for Advanced Anatomical Modeling and Surgical Planning Amount: \$55,000
  - Investigators: Peter Simon, PhD (Principal Investigator) Hassan R. Mir, MD (Co-Investigator)
25. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2018 - 07/31/2019
  - Amount: \$60,000
  - Role: Mentor
26. AOTrauma Fellowship in Orthopaedic Trauma. 08/01/2018 - 07/31/2019
  - Amount: \$65,000
  - Role: Mentor
27. Zimmer Biomet Research Support. 2018 - Present.
  - Project: "A.L.P.S.® Proximal Humerus Plating System for Proximal Humerus Fixation Post-Market Clinical Follow-up Study."
  - Amount: \$49,850
  - Investigators: Hassan R. Mir, MD (Principal Investigator)
28. Major Extremity Trauma Research Consortium (METRC). 2018 - Present.
  - Project: "Improving recovery after Orthopaedic Trauma: Cognitive Behavioral Based Physical Therapy."
  - Amount: \$164,315
  - Investigators: Hassan R. Mir, MD (Site Principal Investigator)
29. Major Extremity Trauma Research Consortium (METRC). 2018 - Present.
  - Project: "Streamlining Trauma Research Evaluation with Advanced Measurement (STREAM study)."
  - Amount: \$2,250
  - Investigators: Hassan R. Mir, MD (Site Principal Investigator)
30. Major Extremity Trauma Research Consortium (METRC). 2015 - Present.
  - Project: "VANCO Study."
  - Amount: \$23,700
  - Investigators: Hassan R. Mir, MD (Site Principal Investigator)
31. Major Extremity Trauma Research Consortium (METRC). 2018 - Present.
  - Project: "A Retrospective Study of Early Mechanical Stabilization and Bleeding in Disruption of the Pelvic Ring (PilotBIND study)."
  - Amount: \$1,800
  - Investigators: Hassan R. Mir, MD (Site Principal Investigator)
32. Foundation for Orthopaedic Trauma Research Support . 2018 - 2019.
  - Project: "Use of Low Dose Post-op CT Protocol after Acetabular Surgery."
  - Amount: \$14,000
  - Investigators: Gene Busel, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
33. AOTrauma (AOTNA) North America's Fellows Research Support. 2018-2019.
  - Project: "Use of Low Dose Post-op CT Protocol after Acetabular Surgery."
  - Amount: \$10,000
  - Investigators: Gene Busel, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
34. Osteosynthesis and Trauma Care (OTC) Foundation Grant. 2018-2019.
  - Project: "Articular Cartilage Forces with Subchondral Fixation or Cement: Can Implants Be Too Close to the Joint?"
  - Amount: \$17,194
  - Investigators: Ben Streufert, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)

## Grants Funded (con't.)

35. OTA Resident Research Grant. 2019-2020.
  - Project: "Patient Adherence to Venous Thromboembolism Prophylaxis in Orthopaedic Trauma Patient: A Randomized, Controlled Trial Comparing Subcutaneous Enoxaparin and Oral Rivaroxaban."
  - Amount: \$17,194
  - Investigators: Ben Streufert, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
36. Foundation for Orthopaedic Trauma Research Support. 2019 - 2020.
  - Project: "A biomechanical comparison of interfragmentary positional versus lag screw fixation in an osteoporotic bone model."
  - Amount: \$13,940
  - Investigators: Christopher Matson, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
37. AOA / ABC Traveling Fellowship Grant Award. 04/20/2019 - 05/25/2019
  - Amount: \$16,000
  - Role: Traveling Fellow
38. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2019 - 07/31/2020
  - Amount: \$75,000
  - Role: Mentor
39. AOTrauma Fellowship in Orthopaedic Trauma. 08/01/2019 - 07/31/2020
  - Amount: \$65,000
  - Role: Mentor
40. OMEGA Fellowship in Orthopaedic Trauma. 08/01/2019 - 07/31/2020
  - Amount: \$14,500
  - Role: Mentor
41. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2020 - 07/31/2021
  - Amount: \$75,000
  - Role: Mentor
- 42.. AOTrauma Fellowship in Orthopaedic Trauma. 08/01/2020 - 07/31/2021
  - Amount: \$60,000
  - Role: Mentor
43. OMEGA Fellowship in Orthopaedic Trauma. 08/01/2020 - 07/31/2021
  - Amount: \$60,000
  - Role: Mentor
44. AOTrauma (AOTNA) North America's Fellows Research Support. 2019-2020.
  - Project: "Does the placement of blocking screws in the long segment of geriatric proximal tibia fractures improve the biomechanics?"
  - Amount: \$10,000
  - Investigators: Brandon Hull, MD (Principal Investigator) Hassan R. Mir, MD (Co-Principal Investigator)
45. Foundation for Orthopaedic Trauma Research Support 2020 - 2021.
  - Project: "Does use of broad spectrum antibiotic powder on initial presentation of grade III open lower extremity fractures in the emergency room prior to surgery reduce infection rates and need for return to the OR for revision surgery within six months of injury."
  - Amount: \$10,394
  - Investigators: Shea Taylor, MD (Principal Investigator). Hassan R. Mir, MD (Co-Principal Investigator)



## Grants Funded (con't.)

46. Peer Reviewed Orthopaedic Research Program (PRORP) . 2021-2025.
  1. Project: "Prophylactic Antibiotic Coated Nail to Prevent Infection: A Clinical Trial."
  2. Amount: \$78,089.40
  3. Investigators: Joseph R. Hsu, MD (Principal Investigator, Atrium Health) Hassan R. Mir, MD (Site Principal Investigator)
47. AOTrauma Fellowship in Orthopaedic Trauma. 08/01/2021 - 07/31/2022
  1. Amount: \$60,000
  2. Role: Mentor
48. COTA (Center for Orthopaedic Trauma Advancement) Fellowship Grant. 08/01/2021 - 07/31/2022
  1. Amount: \$50,000
  2. Role: Mentor
49. OMEGA Fellowship in Orthopaedic Trauma. 08/01/2021 - 07/31/2021
  1. Amount: \$60,000
  2. Role: Mentor



## Scientific Presentations

### Podium

#### International

1. Morris BJ, Zumsteg JW, Cash B, Archer KR, **Mir HR**. Predictors of Narcotic Use and Doctor Shopping in the Orthopaedic Trauma Population. May 2014. Presented at the JOA Meeting in Kobe, Japan.
2. Kadakia RJ, Tsahakis JM, Issar NM, Kay HF, Archer KR, Barzyk T, **Mir HR**. Impact of Patient Comprehension on Readmission Rates in an Orthopaedic Trauma Population. Jun 2014. Presented at the AOA/COA Meeting in Montreal, Canada.
3. Avilucea FR, Archdeacon MT, Collinge CA, Sciadini M, Sagi HC, **Mir HR**. Fixation Strategy using Sequential Intraoperative Examination Under Anesthesia for Unstable LC Pelvic Ring Injuries Reliably Predicts Union with Minimal Displacement. Nov 2017. Presented at the Centre for Blast Injury Studies at The Imperial College in London, England.
4. Serrano R, **Mir HR**, Sagi HC, Horwitz D, Tidwell J, Ketz J, Kistler B, Quade J, Beebe M, Shah A. Multicenter Retrospective Analysis of Humeral Shaft Fractures: Are Sarmiento's Results Widely Reproducible? June 2018. Presented at the EFORT Annual Meeting in Barcelona, Spain.

#### National

5. Russell TA, **Mir HR**, Stoneback J, Cohen J, Downs B. Factors Affecting Postoperative Alignment of Subtrochanteric Femur Fractures. Oct 2006. Presented at the OTA Annual Meeting in Phoenix, AZ.
6. Sethi MK, Obremskey WT, Natividad H, **Mir HR**, Jahangir AA. The Prevalence and Costs of Defensive Medicine Among Orthopaedic Surgeons: A National Survey Study. Feb 2012. Presented at the AAOS Annual Meeting in San Francisco, CA.
7. Bible JE, Wegner A, Bauer JM, Kadakia RJ, Richards JE, **Mir HR**. One-Year Mortality after Isolated Pelvic Fractures with Posterior Ring Involvement in Elderly Patients. Mar 2013. Presented at the AAOS Annual Meeting in Chicago, IL.
8. Bible JE, Kadakia RJ, Choxi A, Bauer JM, **Mir HR**. Is it Safe to Place a Retrograde Intramedullary Nail through a Traumatic Knee Arthrotomy?. Mar 2013. Presented at the AAOS Annual Meeting in Chicago, IL.
9. Bible JE, Wegner A, Bauer JM, Kadakia RJ, Richards JE, **Mir HR**. One-Year Mortality after Isolated Acetabular Fractures in Elderly Patients. Mar 2013. Presented at the AAOS Annual Meeting in Chicago, IL.
10. Bible JE, Choxi A, Kadakia R, Evans JM, **Mir HR**. Quantification of Bony Pelvic Exposure through the Modified Stoppa Approach. Mar 2013. Presented at the AAOS Annual Meeting in Chicago, IL.
11. Sathikumar V, Jahangir AA, Obremskey WT, **Mir HR**, Sethi MK. Patterns of Costs and Spending Among Orthopaedic Surgeons Across the United States: A National Survey. Mar 2013. Presented at the AAOS Annual Meeting in Chicago, IL.
12. Kadakia RJ, Tsahakis JM, Issar NM, Kay HF, Archer KR, Barzyk T, **Mir HR**. Impact of Patient Comprehension on Readmission Rates in an Orthopaedic Trauma Population. Oct 2013. Presented at the OTA Annual Meeting in Phoenix, AZ.
13. Richards JE, Hutchison J, Mukherjee K, Jahangir AA, **Mir HR**, Evans JM, Perdue AM, Obremskey WT, Sethi MK, May AK. Stress-Hyperglycemia Is Associated With Surgical Site Infection: A Prospective Observational Study Of Non-Diabetic, Non-Critically Ill Orthopaedic Trauma Patients. Oct 2013. Presented at the OTA Annual Meeting in Phoenix, AZ. **OTA Highlight Paper**.
14. Morris BJ, Zumsteg JW, Cash B, Archer KR, **Mir HR**. Predictors of Narcotic Use and Doctor Shopping in the Orthopaedic Trauma Population. Oct 2013. Presented at the American College of Surgeons Meeting in Washington, DC.
15. Yoon RS, Bible JE, Marcus MS, Donegan D, Bergmann K, Siebler J, **Mir HR**, Liporace FA. Intramedullary Nail and Plate Combinations for Complex Tibial Fractures: Indications for Use Beyond the Proximal Tibia. Mar 2014. Presented at the AAOS Meeting in New Orleans, LA.
16. Perdue AM, Apfeld JC, Sathiyakumar V, Lee YM, Stinner DJ, **Mir HR**, Polga DJ, Obremskey WT, Sethi MK. Staged Columnar Fixation of Bicondylar Tibial Plateau Fractures – A Cheaper Alternative to External Fixation. Mar 2014. Presented at the AAOS Meeting in New Orleans, LA.
17. Molina C, Sivasubramaniam P, Fris A, Evans JM, **Mir HR**. Early Treatment Of Associated Pattern Acetabular Fractures Via An Anterior Approach Does Not Increase Blood Loss Or Need For Transfusion. Oct 2014. Presented at the OTA Annual Meeting in Tampa, FL.
18. Perdue AM, Silverberg AJ, Thakore RV, Sathiyakumar V, Stinner DJ, **Mir HR**, Polga DJ, Obremskey WT, Sethi MK. Damage Control Plating in Open Tibial Shaft Fractures: A Cheaper and Equally Effective Alternative to Spanning External Fixation Oct 2014. Presented at the OTA Annual Meeting in Tampa, FL.
19. Avilucea FR, Whiting PW, **Mir HR**. Posterior Fixation in APC-2 Pelvic Ring Injuries Decreases the Rates of Anterior Plate Failure and Malunion. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
20. Avilucea FR, Whiting PW, Triantofolou K, Perez EA, **Mir HR**. Suprapatellar Intramedullary Nail Technique Lowers Rate of Malalignment of Distal Tibia Fractures. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
21. Whiting PW, **Mir HR**. The State of Pelvic and Acetabular Surgery in the Developing World – A Survey of SIGN Hospitals. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
22. Sielatycki A, Sawyer J, **Mir HR**. A Supply and Demand Analysis of the Orthopaedic Trauma Workforce in the United States. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.

## Scientific Presentations (con't.)

### Podium

#### National

23. Johnson D, Sathiyakumar V, Greenberg SE, Thakore R, Ehrenfeld J, **Mir HR**, Jahangir AA, Obremsky WT, Sethi MK. Relationship between the Charlson Comorbidity Index and Cost of Treating Geriatric Hip Fractures: Implications for Bundled Payment. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
24. Avilucea FR, Whiting PW, **Mir HR**. Posterior Fixation in APC-2 Pelvic Ring Injuries Decreases the Rates of Anterior Plate Failure and Malunion. Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
25. Avilucea FR, Whiting PW, Triantofolou K, Perez EA, **Mir HR**. Suprapatellar Intramedullary Nail Technique Lowers Rate of Malalignment of Distal Tibia Fractures. Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
26. Greenberg SE, VanHouten J, Boyce RH, Melbourne C, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Does Admission to Medicine or Orthopaedics Impact a Geriatric Hip Fracture Patient's Length of Stay? Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
27. Daniel Johnson BS, Aditya Karhade, Sarah E. Greenberg BA, Jacob P. VanHouten MS, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Does the Charlson Comorbidity Index Impact an Orthopedic Trauma Patient's Hospital Length of Stay? Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
28. Avilucea F, Whiting P, Greenberg SE, Attum B, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Open Treatment of Ankle Fracture as an Inpatient Increases the Risk of a Complication. Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
29. Greenberg SE, Bulka C, Jahangir AA, **Mir HR**, Burgos E, Baker R, Obremsky WT, Sethi MK. Predictors of Adverse Events for Ankle Fractures: An Analysis of 6,800 Patients. Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
30. Sathiyakumar V, Greenberg SE, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Pre-operative Labs: Wasted Dollars or Predictors of Post-Operative Cardiac and Events in Orthopaedic Trauma Patients? Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL. **Game Changers Award.**
31. Beebe MJ, Stoops K, Lannon S, Clark C, Watson D, Tornetta P, Sanders R, **Mir HR**, Shah AR. Location, Location, Location: Does the distance of fixation from the plafond affect reduction of the syndesmosis? Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
32. Auston D, Meiss J, Serrano R, Sellers T, Beebe MJ, Quade J, Hoggard T, Maxson B, Infante A, Watson D, Shah A, **Mir HR**. Percutaneous or open reduction of closed tibial shaft fractures during intramedullary nailing does not increase wound complications, infection, or nonunion rates. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
33. Beebe MJ, Serano R, Quade J, Auston D, Infante A, Shah A, Maxson B, Watson D, Sanders R, **Mir HR**. Extreme Nailing: Is It Safe to Allow Immediate Weightbearing of Extraarticular Distal Tibia Fractures (OTA 43-A) Treated with IM Fixation? Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
34. Serrano R, Maxson B, Infante A, Watson D, Sanders R, **Mir HR**, Shah A. The Post-Sarmiento Era: Is it Time to Re-Think Expectations of Functional Bracing for Humeral Shaft Fractures? Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
35. Tornetta P, Dashe J, Parisien RL, Murray B, Marcantonio AJ, Belluvue KD, Firoozabadi R, Garbriel M, Klatman S, George MP, Krause P, Sadauskas A, Cannada L, Ruder J, Bosse M, Steverson B, Fontenot P, Patel S, **Mir HR**, Kempegowda H, Horwitz D, Westberg J, Sandberg B, Miller AN, Goodwin AI. Comparison of the Henry vs. Thompson Approaches for Fixation of Proximal Radial Shaft Fractures: A Multicenter Study. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
36. Serrano R, Infante A, Maxson B, Shah A, Sanders R, **Mir HR**, Watson D. Nasal Decolonization with Povidone-Iodine Decreases Surgical Site Infection in the Elderly with Intracapsular Femur Fractures. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
37. Tornetta P, Shahien A, Sullivan M, Firoozabadi R, Lu K, Cannada L, Timmel M, Ali A, Bramlett K, Marcantonio AJ, Flynn M, Vallier H, Nicolay R, Mullis B, Goodwin AI, Miller AN, Krause P, **Mir HR**. Combined Orthopaedic and Vascular Injuries: A Multicenter Analysis. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
38. Auston D, Donohue D, Stoops K, Cox J, Diaz M, Santoni B, **Mir HR**. Long segment blocking screws increase stability of retrograde nail fixation in geriatric supracondylar femur fractures: eliminating the Bell-Clapper Effect. Feb 2017. Presented at the FOT Annual Meeting in Las Vegas, NV.
39. Beebe MJ, Serano R, Quade J, Auston D, Infante A, Shah A, Maxson B, Watson D, Sanders R, **Mir HR**. Extreme Nailing: Is It Safe to Allow Immediate Weightbearing of Extraarticular Distal Tibia Fractures (OTA 43-A) Treated with IM Fixation? Mar 2017. Presented at the AAOS Annual Meeting in San Diego, CA.
40. Beebe MJ, Stoops K, Lannon S, Clark C, Watson D, Tornetta P, Sanders R, **Mir HR**, Shah AR. Location, Location, Location: Does the distance of fixation from the plafond affect reduction of the syndesmosis? Mar 2017. Presented at the AAOS Annual Meeting in San Diego, CA.
41. Beebe MJ, Serano R, Auston D, Quade J, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**, Watson D. Optimizing Fixation of Extra-articular Distal Tibia Fractures (OTA 43-A): Does the fibula matter? Mar 2017. Presented at the AAOS Annual Meeting in San Diego, CA.

## Scientific Presentations (con't.)

### Podium

#### National

42. Beebe MJ, Auston D, Serano R, Quade J, Shah A, Infante A, Maxson B, Watson D, Sanders R, **Mir HR**. OTA Classification is Highly Predictive of Acute Compartment Syndrome Following Tibia Fracture: A Cohort of 2885 Fractures. Mar 2017. Presented at the AAOS Annual Meeting in San Diego, CA.
43. Quade J, Beebe M, Auston D, Shah A, Infante A, Maxson B, Sanders RW, Watson D, **Mir HR**. Symptomatic Ilio-sacral Screw Removal following Pelvic Trauma – Incidence and Clinical Impact. Mar 2017. Presented at the AAOS Annual Meeting in San Diego, CA.
44. Auston D, Donohue D, Stoops K, Cox J, Diaz M, Santoni B, **Mir HR**. Long segment blocking screws increase stability of retrograde nail fixation in geriatric supracondylar femur fractures: eliminating the Bell-Clapper Effect. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada.
45. Avilucea FR, Archdeacon MT, Collinge CA, Sciadini M, Sagi HC, **Mir HR**. Fixation Strategy using Sequential Intraoperative Examination Under Anesthesia for Unstable LC Pelvic Ring Injuries Reliably Predicts Union with Minimal Displacement. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada.
46. Serrano R, **Mir HR**, Sagi HC, Horwitz D, Tidwell J, Ketz J, Kistler B, Quade J, Beebe M, Shah A. Multicenter Retrospective Analysis of Humeral Shaft Fractures: Are Sarmiento's Results Widely Reproducible? Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada. **OTA Highlight Paper**.
47. Tornetta P, Kuripla C, Koh J, Sems A, Shamaa T, **Mir HR**, Streufert B, Spitler C, Vallier H, Sorg D, Mullis B, McGowan B, Weinlein J, Cannada L, Charlu J, Westberg J, Wagstrom E, Morshed S, Cortez A, Krause P, Marcantonio A, Soles G, Lipof J. Timing of Definitive Fixation With Respect to Flap Coverage in Open Tibia Fractures. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada. **OTA Highlight Paper**.
48. Tornetta P, Koh J, Jones C, Walker J, Sems A, Saxena S, Boateng H, Ringenbach K, Spitler C, **Mir HR**, Patel S, Firoozabadi R, Bellevue K, Horwitz D, Cannada L, Bosse M, Buck JS, Westberg J, Schmidt A, Kempton L, Marcantonio A, Krause P, Delarosa M, Shamaa T, Mullis B, Gudeman A, Leighton R, Alhoukail A, Morshed S, Cortez A, Sanders D, Tieszer C. Radial Nerve Injury and Recovery After Humeral Nonunion Surgery. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada.
49. Serrano R, **Mir HR**, Sagi HC, Horwitz D, Tidwell J, Ketz J, Kistler B, Quade J, Beebe M, Shah A. Multicenter Retrospective Analysis of Humeral Shaft Fractures: Are Sarmiento's Results Widely Reproducible? Mar 2018. Presented at the AAOS Annual Meeting in New Orleans, LA.
50. Collinge CA, Buitrago AR, **Mir HR**, Sems A, Scolaro J, Crist B, Bergin P, Ahn J, Hsu J, Schmidt A, Tejwani N, Virkus W, Weber T, Mullis B, Gardner M, Liporace F, Avilucea F, Horwitz D, Hymes R, Coles C. Results of Operative Fixation for Femoral Neck Fractures in Patients Aged 18 to 59 Years: A Study of 16 Centers and 596 Cases. Oct 2018. Presented at the OTA Annual Meeting in Orlando, FL. **OTA Highlight Paper**.
51. Morwood MP, Gebhart SS, Zamith N, **Mir HR**. Outcomes of Plate Fixation for Periprosthetic Tibia Fractures Around and Below Total Knee Arthroplasty. Oct 2018. Presented at the OTA Annual Meeting in Orlando, FL.
52. Morwood MP, Streufert B, Bauer A, Olinger C, Tobey D, Beebe M, Avilucea F, Sanders R, **Mir HR**. Intramedullary Nails have Faster Union and Fewer Secondary Grafts/ Reoperations than Plates With the Masquelet Technique. Oct 2018. Presented at the OTA Annual Meeting in Orlando, FL.
53. Serrano R, **Mir HR**, Shah A, Infante A, Maxson B, Watson D, Sanders R. Effect of Nail Size, Insertion, and  $\Delta$  Canal-Nail on the Development of a NonUnion after Intramedullary Nailing of Femoral Shaft Fractures. Oct 2018. Presented at the OTA Annual Meeting in Orlando, FL.
54. Streufert B, Eaford I, Sellers T, Christenen JT, Maxson B, Infante A, Watson D, Sanders R, **Mir HR**. Risk Factors and Recovery of Iatrogenic Radial Nerve Palsy Following Plate Fixation of Humeral Shaft Fractures. Oct 2018. Presented at the OTA Annual Meeting in Orlando, FL.
55. Morwood MP, Gebhart SS, Zamith N, **Mir HR**. Outcomes of Plate Fixation for Periprosthetic Tibia Fractures Around and Below Total Knee Arthroplasty. Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.
56. Morwood MP, Streufert B, Bauer A, Olinger C, Tobey D, Beebe M, Avilucea F, Sanders R, **Mir HR**. Intramedullary Nails have Faster Union and Fewer Secondary Grafts/Reoperations than Plates with the Masquelet Technique. Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.
57. Serrano R, **Mir HR**, Shah A, Infante A, Maxson B, Watson D, Sanders R. Effect of Nail Size, Insertion, and  $\Delta$  Canal-Nail on the Development of a NonUnion after Intramedullary Nailing of Femoral Shaft Fractures. Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.
58. Tornetta P, Kuripla C, Koh J, Sems A, Shamaa T, **Mir HR**, Streufert B, Spitler C, Vallier H, Sorg D, Mullis B, McGowan B, Weinlein J, Cannada L, Charlu J, Westberg J, Wagstrom E, Morshed S, Cortez A, Krause P, Marcantonio A, Soles G, Lipof J. Timing of Definitive Fixation With Respect to Flap Coverage in Open Tibia Fractures. Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.

## Scientific Presentations (con't.)

### Podium

#### National

59. Tornetta P, Koh J, Jones C, Walker J, Sems A, Saxena S, Boateng H, Ringenbach K, Spitler C, **Mir HR**, Patel S, Firoozabadi R, Bellevue K, Horwitz D, Cannada L, Bosse M, Buck JS, Westberg J, Schmidt A, Kempton L, Marcantonio A, Krause P, Delarosa M, Shamaa T, Mullis B, Gudeman A, Leighton R, Alhoukail A, Morshed S, Cortez A, Sanders D, Tieszer C. Radial Nerve Injury and Recovery After Humeral Nonunion Surgery. Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.
60. Flagstad IR, MacCormick L, White M, Heare A, Parikh HR, Westberg J, Schmidt T, Simske N, Siy A, Lufrano RC, Rodriguez-Buitrago AF, Labrum JT, Shaw N, Nadeau J, Lund EA, Davis PT, Connelly D, Atchison J, Mauffrey C, Hak DJ, Hahn J, Whiting PS, **Mir HR**, Schmidt AH, Wagstrom E, Obremskey WT, O'Toole RV, Vallier HA, Cunningham B, MD. Outcomes of Single-Stage Versus 2-Stage Bilateral Intramedullary Nail Fixation in Patients With Bilateral Femur Fractures. Sep 2019. Presented at the OTA Annual Meeting in Denver, CO.
61. Flagstad IR, MacCormick L, White M, Heare A, Parikh HR, Westberg J, Schmidt T, Simske N, Siy A, Lufrano RC, Rodriguez-Buitrago AF, Labrum JT, Shaw N, Nadeau J, Lund EA, Davis PT, Connelly D, Atchison J, Mauffrey C, Hak DJ, Hahn J, Whiting PS, **Mir HR**, Schmidt AH, Wagstrom E, Obremskey WT, O'Toole RV, Vallier HA, Cunningham B, MD. Factors Influencing Management of Bilateral Femur Fractures: A Multicenter Retrospective Cohort of Early vs Delayed Definitive Fixation. Sep 2019. Presented at the OTA Annual Meeting in Denver, CO.
62. Lufrano R, Mesa L, Watson D, Shah A, Maxson B, Infante A, Donohue D, Downes K, Sanders R, **Mir HR**. Acute ORIF of Tibial Pilon Fractures – Is Staging Necessary? Oct 2020. Presented at the OTA Annual Meeting.
63. Ally M, Tornetta P, Bauer A, **Mir HR**. Risk Factors for the Development of AVN after Talus Fractures. Oct 2020. Presented at the OTA Annual Meeting.
64. Collinge C, Gardner M, Beltran M, **Mir HR**. Outcomes of 51 Femoral Neck fractures in Young Adults Treated with a "medial" buttress plate to augment traditional fixation. Oct 2020. Presented at the OTA Annual Meeting. **OTA Highlight Paper.**
65. Merimee S, Mullins J, Alexander R, Downes K, **Mir HR**. Lost in the Shuffle: Geriatric Fracture Patients and Families Have Poor Health Literacy and Long Length of Stay in Post-Acute Care Facilities - A Prospective Study. Sep 2021. Presented at the AAOS Annual Meeting in San Diego, CA.
66. John M, Streufert B, Downes K, **Mir HR**. A Prospective Randomized Controlled Trial Comparing Subcutaneous Enoxaparin & Oral Rivaroxaban for Venous Thromboembolism Prophylaxis in Orthopaedic Trauma Patients. Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.
67. Mesa L, Birkett N, Lufrano R, Chatta R, Hassan M, Hannon PJ, Mizel J, Ensor D, Watson D, Shah A, Maxson B, Infante A, Donohue D, Bates P, Downes K, Achan R, Sanders R, Grewal IS, **Mir HR**. An International Comparison of Acute Versus Staged Fixation of Bicondylar Tibial Plateau Fractures. Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.
68. Telgheder Z, Lewis J, Strelow J, Downes K, **Mir HR**. 10-Year Incidence and Possible Predictors of Conversion to TKA Following Operative Fixation of Distal Femur Fractures: Analysis of 6086 Patients. Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.
69. Tornetta P, Al-Hourani K, Foote J, Duckworth A, White T, Kelly M, Stoddart M, Koh J, Sems S, Shamaa M, Sorg D, **Mir HR**, Streufert B, Spitler C, Mullis B, Weinlein J, Cannada L, Wagstrom E; Westberg J, Cortez A, Krause P, Marcantonio A, Soles G, Lipof J, Leighton R, Bosse M, Coles C, Penn-Barwell J, Hsu JR, Reito A, Vallier H, Morshed S. Definitive Flap Coverage Within 48 Hours of Definitive Fixation Reduces Deep Infection Rate in Open Tibial Shaft Fractures Requiring Flap Coverage. Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.
70. Seaver T, Zeller Z, Tornetta P, Marcantonio A, Ment A, **Mir HR**, Alexander R, Messner M, Spitler C, Hofer E, Miller AN, Westberg J, Downes J, Joseph N, Vallier H, Ollivere B, Ikram A, Mullis B, Figueras J, Friess D, Soddors E, Van Rysselberghe N, Gardner M, Pawlak A, Kottmeier S, Morshed S, Lim Z, Malik A, Goodnough L, Bunzel E, Firoozabadi R, Yoon P. Is the Sinus Tarsi Approach Safer Than the Extended Lateral Approach for Calcaneal Fractures? Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.
71. Foote J, Tornetta P, Al-Hourani K, Reito A, Bosse M, Leighton R, Coles C, Al-Asiri J, Stockton D, Griffin X, Sems S, Vallier H, **Mir HR**, Spitler C, Mullis B, Cannada L, Wagstrom E, Westberg J, Morshed S, Krause P, Marcantonio A, Soles G. How Long Can Debridement Wait in Type IIIB Open Tibia Fractures? Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.



## Scientific Presentations (con't.)

### Podium

#### Regional

72. Russell TA, **Mir HR**, Stoneback J, Cohen J, Downs B. Factors Affecting Postoperative Alignment of Subtrochanteric Femur Fractures. Sep 2007. Presented at the COS/TOS Combined Annual Meeting in Memphis, TN.
73. **Mir HR**, Edwards PK, Sanders RW, Haidukewych GJ. Iatrogenic Displacement of Minimally/ Nondisplaced Intertrochanteric Fractures during Intramedullary Fixation: Incidence, Potential Etiologies, and Clinical Impact. Jun 2010. Presented at the SOA Annual Meeting in San Juan, PR.
74. Morris BJ, Richards JE, Guillamondegui OD, Sweeney KR, **Mir HR**, Obremskey WT, Kregor PJ The Relationship of Obesity and Complications Post-Trauma in High-Energy Pelvic and Acetabular Fractures. Mar 2011. Presented at the WTA Annual Meeting in Big Sky, MT.
75. Morris BJ, Richards JE, Guillamondegui OD, Sweeney KR, **Mir HR**, Obremskey WT, Kregor PJ. Obesity Increases Early Complications Following High-Energy Pelvic and Acetabular Fractures Treated both Operatively and Nonoperatively. Oct 2011. Presented at the TOS Annual Meeting in Birmingham, AL.
76. **Mir HR**, Cannada LK, Murray JN, Black KP, Wolf JM. Orthopaedic Resident and Program Director Opinions of Resident Duty Hours - A National Survey. Oct 2011. Presented at the TOS Annual Meeting in Birmingham, AL.
77. Sagi HC, Dziadosz DR, **Mir HR**, Virani N, Olson CM. Preoperative Fever and Leukocytosis without Bacteremia Do Not Predispose to Deep Postoperative Wound Infection After Pelvic and Acetabular Surgery. Feb 2012. Presented at the WTA Annual Meeting in Vail, CO.
78. Molina C, Sivasubramaniam P, Fras A, Evans JM, **Mir HR**. Predictors of Operative Blood Loss for Acetabulum Fractures Fixed Through an Anterior Approach. Apr 2014. Presented at the MAOA Annual Meeting in San Antonio, TX.
79. Cui S, Bauer JM, Helms J, **Mir HR**, Cannada LK. Bilateral Tibial Shaft Fractures – How Bad are they? Apr 2014. Presented at the MAOA Annual Meeting in San Antonio, TX.
80. Callan AK, Bauer JM, **Mir HR**. Over-Utilization of CT Angiogram in Extremity Trauma. Oct 2014. Presented at the TOS Annual Meeting in Nashville, TN. Podium Award.
81. Auston D, Donohue D, Stoops K, Cox J, Diaz M, Santoni B, **Mir HR**. Long segment blocking screws increase stability of retrograde nail fixation in geriatric supracondylar femur fractures: eliminating the Bell-Clapper Effect. May 2017. Presented at the FOS Annual Meeting in Key Largo, FL. Champion Member Abstract.
82. Streufert B, Eaford I, Sellers T, Christenen JT, Maxson B, Infante A, Watson D, Sanders R, **Mir HR**. Risk Factors and Recovery of Iatrogenic Radial Nerve Palsy Following Plate Fixation of Humeral Shaft Fractures. Third Place Podium Award. June 2018. Presented at the FOS Annual Meeting in St. Petersburg, FL.
83. Serrano R, **Mir HR**, Sagi HC, Horwitz D, Tidwell J, Ketz J, Kistler B, Quade J, Beebe M, Shah A. Multicenter Retrospective Analysis of Humeral Shaft Fractures: Are Sarmiento's Results Widely Reproducible? June 2018. Presented at the FOS Annual Meeting in St. Petersburg, FL.
84. Serrano R, **Mir HR**, Shah A, Maxson B, Infante A, Sanders R, Watson D. Time to Surgery Greater than 24 Hours Increases the Risk for Surgical Site Infection in the Elderly with a Displaced Femoral Neck Fracture. June 2019. Presented at the FOS Annual Meeting in Orlando, FL.
85. Patel SS, **Mir HR**, Horowitz E, Smith C, Ahmed A, Downes K, Nydick J. ORIF of Distal Humerus Fractures with Modern Implants is Still Associated with a High Rate of Complications. June 2019. Presented at the FOS Annual Meeting in Orlando, FL.

## Scientific Presentations (con't.)

### Podium

#### Local

86. **Mir HR**, Artz SA. Study on the effects of radiation from Chernobyl on Belarussian children. Aug 1997. Presented at the WVU/CAMC Summer Externship Research Day in Charleston, WV.
87. **Mir HR**, Norman TM. Mineralization and Crystallinity of Cortical and Trabecular Bone in Femoral Neck Fracture Patients. Second Place for Van Liere Research Award. May 2000. Presented at the WVU Department of Orthopaedics Research Day in Morgantown, WV.
88. Morris BJ, Zumsteg JW, Archer KR, Cash B, **Mir HR**. Narcotic Use and Postoperative Doctor Shopping in the Orthopaedic Trauma Population. May 2013. Presented at the VOS Annual Meeting in Destin, FL.
89. Corrigan CM, **Mir HR**. Posttraumatic Heterotopic Ossification around the Hip. Apr 2014. Presented at the Vanderbilt Research Forum in Nashville, TN.
90. Whiting PS, White-Dzuro G, Greenberg SE, Avilucea F, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. BMI as a Predictor of Perioperative Complications Following Orthopaedic Trauma Surgery: An ACS-NSQIP Analysis. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
91. Beebe MJ, Crum K, Serano R, Auston D, Quade J, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**, Watson D. Optimizing Fixation of Extra-articular Distal Tibia Fractures (OTA 43- A): Does the fibula matter? June 2016. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
92. Auston D, Meiss J, Serrano R, Sellers T, Beebe MJ, Quade J, Hoggard T, Maxson B, Infante A, Watson D, Shah A, **Mir HR**. Percutaneous or open reduction of closed tibial shaft fractures during intramedullary nailing does not increase wound complications, infection, or nonunion rates. June 2016. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
93. Beebe MJ, Serano R, Quade J, Auston D, Infante A, Shah A, Maxson B, Watson D, Sanders R, **Mir HR**. Extreme Nailing: Is It Safe to Allow Immediate Weightbearing of Extraarticular Distal Tibia Fractures (OTA 43-A) Treated with IM Fixation? June 2016. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
94. Quade J, Beebe M, Auston D, Shah A, Infante A, Maxson B, Sanders RW, Watson D, **Mir HR**. Symptomatic Ilio-sacral Screw Removal following Pelvic Trauma – Incidence and Clinical Impact. June 2016. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
95. Barrick B, Auston D, Achor K, Watson D, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**. Patella Fractures treated with Cannulated Lag Screws and FiberWire® have a High Union Rate and Low Rate of Implant Removal. Third Place Podium Award. June 2017. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
96. Frank M, Francis J, Bender M, Richards M, Watson D, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**. Multi-Dose Prophylactic IV Antibiotics Do Not Lower the Risk of Surgical Site Infection for Isolated Closed Ankle Fractures. June 2017. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
97. Christensen JT, Spence S, Watson D, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**. Orthopaedic Watercraft Injuries: Characterization of Mechanisms, Fractures, and Complications in 216 Injuries. Submitted to JOT. June 2017. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
98. Donohue D, Decker S, Ford J, Foley R, Dunbar K, Kumm T; Achors K, **Mir HR**. Opportunistic CT Screening for Osteoporosis in Patients with Pelvic and Acetabular Trauma: Technique and Potential Clinical Impact. **Honorable Mention Podium Award**. June 2017. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
99. Morwood MP, Streufert B, Bauer A, Olinger C, Tobey D, Beebe M, Avilucea F, Sanders R, **Mir HR**. Intramedullary Nails have Faster Union and Fewer Secondary Grafts/Reoperations than Plates With the Masquelet Technique. Third Place Podium Award. June 2018. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.

## Scientific Presentations (con't.)

### Podium

#### Local

100. Lund EA, Sellers T, Diaz M, Santoni B, **Mir HR**. Interfragmentary Positional Screws Maintain Reduction as Well as Lag Screws After Cyclic Loading: A Biomechanical Pilot Study. June 2018. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
101. McCarthy K, Karsch J, Saphien A, Maxson B, Shah A, Christensen J, Sanders R, **Mir HR**. Analysis of Current Advances in Fibular Plating Technology – Are the Increased Costs Justified? June 2019. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
102. Busel G, Merimee S, Atassi O, De La Fuente G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, **Mir HR**. Reduction Quality of Intra-Articular Calcaneal Fractures with Sinus Tarsi versus Extensile Lateral Approach on Postoperative CT Scans and Radiographs. June 2019. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
103. Atassi O, Fontenot P, Busel G, De La Fuente G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, **Mir HR**. Nail Them All? “Unstable” Pediatric Femoral Shaft Fractures Treated with Flexible Elastic Nails (FEN) Have Few Complications. June 2019. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
104. De La Fuente G, Atassi O, Busel G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, **Mir HR**. Outcomes of Comminuted Zone 2 Sacral Fractures – Does Screw Type Matter? June 2019. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
105. Hull B, Sullivan A, Matson C, Diaz M, **Mir HR**. Interfragmentary Positional Screws Maintain Reduction as Well as Lag Screws After Cyclic Loading: A Biomechanical Study. In Osteoporotic Bone. June 2020. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL. **Second Place Podium Award**.
106. Lufrano R, Mesa L, Watson D, Shah A, Maxson B, Infante A, Donohue D, Downes K, Sanders R, **Mir HR**. Acute ORIF of Tibial Pilon Fractures – Is Staging Necessary? June 2020. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL. **First Place Podium Award**.
107. Lopas L, Albertson S, Solomon E, Watson D, Shah A, Maxson B, Infante A, Donohue D, Downes K, Sanders R, **Mir HR**. Outcomes of Various Antibiotic Cement Coated Intramedullary Implants on the Treatment of Long Bone Septic Nonunion. ? June 2020. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
108. Mesa L, Birkett N, Lufrano R, Chatta R, Hassan M, Hannon PJ, Mizel J, Ensor D, Watson D, Shah A, Maxson B, Infante A, Donohue D, Bates P, Downes K, Achan R, Sanders R, Grewal IS, **Mir HR**. An International Comparison of Acute Versus Staged Fixation of Bicondylar Tibial Plateau Fractures. June 2021. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL. **Second Place Podium Award**.
109. Serrano R, **Mir HR**, Sagi HC, Horwitz D, Tidwell J, Ketz J, Kistler B, Quade J, Beebe M, Shah A. Multicenter Retrospective Analysis of Humeral Shaft Fractures: Are Sarmiento’s Results Widely Reproducible? June 2021. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL. **First Place Podium Award**.
110. Telgheder Z, Huang K, Hill B, Watson D, Maxson B, Infante A, Donohue D, Shah A, Downes K, Sanders R, **Mir HR**. Immediate WBAT Following IM Fixation of Extra-Articular Metaphyseal Proximal Tibia Fractures (OTA 41A) is Safe. June 2021. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.
111. Fairchild R, McCaskey M, Watson D, Maxson B, Donohue D, Shah A, Sanders R, Downes K, **Mir HR**. Outcomes Following Percutaneous Screw Fixation of Superior Pubic Ramus Fractures. June 2021. Presented at the USF / FOI Orthopaedic Research Day in Tampa, FL.



## Scientific Presentations (con't.)

### Poster

#### International

112. Morris BJ, Zumsteg JW, Cash B, Archer KR, **Mir HR**. Predictors of Narcotic Use and Doctor Shopping in the Orthopaedic Trauma Population. Jun 2014. Presented at the AOA/COA Meeting in Montreal, Canada.
113. Avilucea FR, Archdeacon MT, Collinge CA, Sciadini M, Sagi HC, **Mir HR**. Fixation Strategy using Sequential Intraoperative Examination Under Anesthesia for Unstable LC Pelvic Ring Injuries Reliably Predicts Union with Minimal Displacement. Nov 2017. Presented at the Centre for Blast Injury Studies at The Imperial College in London, England.

#### National

114. **Mir HR**, Marinescu R, Janda H, Russell TA. Anterior Knee Pain after Intramedullary Nailing of the Tibia. Mar 2008. Presented at ORS Annual Meeting in San Francisco, CA.
115. **Mir HR**, Janna S, Russell TA. The Use of an Accelerometer to Determine Gait Patterns in Patients with IM Nails. Mar 2008. Presented at ORS Annual Meeting in San Francisco, CA.
116. **Mir HR**, Marinescu R, Janda H, Russell TA. Anterior Knee Pain after Intramedullary Nailing of the Tibia - FEA. Feb 2009. Presented at ORS Annual Meeting in Las Vegas, NV.
117. **Mir HR**, Marinescu R, Janda H, Russell TA. Anterior Knee Pain after Intramedullary Nailing of the Tibia – Effect of Anterior Cortical Bone Loss. Mar 2010. Presented at ORS Annual Meeting in New Orleans, LA.
118. **Mir HR**, Edwards PK, Sanders RW, Haidukewych GJ. Iatrogenic Displacement of Minimally/ Nondisplaced Intertrochanteric Fractures during Intramedullary Fixation: Incidence, Potential Etiologies, and Clinical Impact. June 2010. Presented at AOA Annual Meeting in San Diego, CA.
119. **Mir HR**, Edwards PK, Sanders RW, Haidukewych GJ. Special Emphasis Poster Presentation. Results of Cephalomedullary Nail Fixation for Displaced Intracapsular Femoral Neck Fractures. June 2010. Presented at AOA Annual Meeting in San Diego, CA.
120. Sagi HC, Dziadosz DR, **Mir HR**, Virani N, Olson CM. Risk Factors Predisposing to Postoperative Infection after Pelvic/Acetabular Surgery. Oct 2010. Presented at the OTA Annual Meeting in Baltimore, MD.
121. Grant KD, **Mir HR**, Hatic S, Infante AF. The Treatment of Comminuted Metaphyseal Distal Femur Fractures with Combined Nail and Plate Fixation. Oct 2011. Presented at the OTA Annual Meeting in San Antonio, TX.
122. Kadakia RJ, Tsahakis JM, Issar NM, Archer KR, Jahangir AA, Sethi MK, Obremskey WT, **Mir HR**. Health Literacy In an Orthopaedic Trauma Patient Population – A Cross Sectional Survey of Patient Comprehension. Mar 2012. Presented at the AMSA Annual Meeting in Houston, TX.
123. Kadakia RJ, Tsahakis JM, Issar NM, Archer KR, Jahangir AA, Sethi MK, Obremskey WT, **Mir HR**. Special Emphasis Poster Presentation. Health Literacy In an Orthopaedic Trauma Patient Population – A Cross Sectional Survey of Patient Comprehension. June 2012. Presented at the AOA Annual Meeting in Washington, DC.
124. **Mir HR**, Cannada LK, Murray JN, Black KP, Wolf JM. Special Emphasis Poster Presentation. Orthopaedic Resident and Program Director Opinions of Resident Duty Hours: A National Survey. June 2012. Presented at the AOA Annual Meeting in Washington, DC.
125. Sethi MK, Obremskey WT, Natividad H, **Mir HR**, Jahangir AA. The Prevalence and Costs of Defensive Medicine among Orthopaedic Surgeons: A National Survey Study. June 2012. Presented at the AOA Annual Meeting in Washington, DC.
126. Edwards JM, **Mir HR**, Jahangir AA, Obremskey WT. Stress Hyperglycemia is Associated with Surgical Site Infection: A Prospective Observational Study of Non-Diabetic, Non-Critically Ill Orthopaedic Trauma Patients. Sep 2012. Presented at the AAST Annual Meeting in Kauai, HI.
127. Bauer JM, Bible JE, **Mir HR**. Tibial Nailing in the Setting of Traumatic Knee Arthroscopy. Oct 2012. Presented at the OTA Annual Meeting in Minneapolis, MN.
128. Bible JE, Kadakia RJ, Choxi A, Bauer JM, **Mir HR**. Retrograde Femoral Nailing in the Setting of Traumatic Knee Arthroscopy. Oct 2012. Presented at the OTA Annual Meeting in Minneapolis MN.

## Scientific Presentations (con't.)

### Poster

#### National

129. Bible JE, Choxi A, Kadakia R, Evans JM, **Mir HR**. Quantification of Bony Pelvic Exposure Through the Modified Stoppa Approach. Oct 2012. Presented at the OTA Annual Meeting in Minneapolis MN.
130. Bible JE, Choxi AA, Dhulipala S, Evans JM, **Mir HR**. Quantification of Anterior Tibial Bone Loss at the Tibial Nail Entry Portal. Oct 2012. Presented at the OTA Annual Meeting in Minneapolis MN.
131. Kadakia RJ, Tsahakis JM, Issar NM, Archer KR, Jahangir AA, Sethi MK, Obremsky WT, **Mir HR**. Health Literacy in an Orthopaedic Patient Population: Improving Patient Comprehension with an Informational Intervention. Oct 2012. Presented at the OTA Annual Meeting in Minneapolis MN.
132. Collinge, CN, **Mir HR**, Reddix R. Fracture Morphology of High Shear Angle “Vertical” Femoral Neck Fractures in Young Adult Patients. Oct 2012. Presented at the OTA Annual Meeting in Minneapolis MN.
133. Bible JE, Choxi A, Dhulipala S, Evans JM, **Mir HR**. Quantification of Anterior Cortical Bone Removal and Intermeniscal Ligament Damage at the Tibial Nail Entry Zone. Mar 2013. Presented at the AAOS Annual Meeting in Chicago, IL.
134. Sathikumar V, Jahangir AA, Obremsky WT, **Mir HR**, Sethi MK. Patterns of Costs and Spending Among Orthopaedic Surgeons Across the United States: A National Survey. Jun 2013. Presented at the AOA Annual Meeting in Denver, CO.
135. Bible JE, Sivasubramaniam P, Jahangir AA, Evans JM, **Mir HR**. Outcomes of Trans- Syndesmotom Ankle Fracture Dislocations – The “Logsplitter” Injury. Oct 2013. Presented at the OTA Annual Meeting in Phoenix, AZ.
136. Morris BJ, Zumsteg JW, Cash B, Archer KR, **Mir HR**. Predictors of Narcotic Use and Doctor Shopping in the Orthopaedic Trauma Population. Mar 2014. Presented at the AAOS Meeting in New Orleans, LA.
137. Joyce DM, Evans JM, **Mir HR**. Stress Fluoroscopy Eliminates the Need for Intraoperative AP Pelvis Radiographs after Femoral Nails. Oct 2014. Presented at the OTA Annual Meeting in Tampa, FL.
138. Kadakia RJ, Kay HF, Ehrenfeld JE, Kripalani S, Idrees K, Archer KR, **Mir HR**. Timing, Incidence, and Risk Factors Associated with Unplanned Postoperative Hospital Readmissions in the Orthopaedic Trauma Patient Population. Oct 2014. Presented at the OTA Annual Meeting in Tampa, FL.
139. Kadakia RJ, Kay HF, Ehrenfeld JE, Kripalani S, Idrees K, Archer KR, **Mir HR**. Surgical Apgar Score (Sas) Is Associated With Postoperative Complications In The Orthopaedic Trauma Patient Population. Oct 2014. Presented at the OTA Annual Meeting in Tampa, FL.
140. Ihejirika RC, Sathiyakumar V, Jahangir AA, Obremsky WT, **Mir HR**, Stinner DJ, Thakore RV, Sethi MK. Health-Care Reimbursement Models and Orthopaedic Trauma: Will There Be Change in Management? Oct 2014. Presented at the OTA Annual Meeting in Tampa, FL.
141. Callan AK, Bauer JM, **Mir HR**. Over-Utilization of CT Angiogram in Extremity Trauma. Mar 2015. Presented at the AAOS Annual Meeting in Las Vegas, NV.
142. Sathikumar V, Jahangir AA, Obremsky WT, **Mir HR**, Sethi MK. The Risk Factors and Costs of Surgical Site Infections at a Major Level I Trauma Center. Jun 2015. Presented at the AOA Annual Meeting in Providence, RI.
143. Avilucea F, Whiting P, Greenberg SE, Attum B, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Open Treatment of Ankle Fracture as an Inpatient Increases the Risk of a Complication. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
144. Greenberg SE, Bulka C, Jahangir AA, **Mir HR**, Burgos E, Baker R, Obremsky WT, Sethi MK. Predictors of Adverse Events for Ankle Fractures: An Analysis of 6,800 Patients. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
145. Greenberg SE, VanHouten J, Boyce RH, Melbourne C, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Does Admission to Medicine or Orthopaedics Impact a Geriatric Hip Fracture Patient’s Length of Stay? Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
146. Whiting PS, White-Dzuro G, Greenberg SE, Avilucea F, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. BMI as a Predictor of Perioperative Complications Following Orthopaedic Trauma Surgery: An ACS-NSQIP Analysis. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
147. Sathiyakumar V, Greenberg SE, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Pre-operative Labs: Wasted Dollars or Predictors of Post-Operative Cardiac and Septic Events in Orthopaedic Trauma Patients? Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA. **Best Poster**.
148. Whiting PS, White-Dzuro G, Vanhouten J, Greenberg SE, Avilucea F, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Risk Factors for Deep Venous Thrombosis in Orthopaedic Trauma: An Analysis of 56,000 patients. Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
149. Greenberg SE, Bulka C, Avilucea F, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Does Resident Involvement Increase Complications in Orthopaedic Trauma? Oct 2015. Presented at the OTA Annual Meeting in San Diego, CA.
150. Mitchell P, Greenberg SE, Bulka C, Avilucea F, Jahangir AA, **Mir HR**, Obremsky WT, Sethi MK. Does Resident Involvement Increase Complications in Orthopaedic Trauma? Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.

## Scientific Presentations (con't.)

### Poster

#### National

151. Greenberg SE, Bulka C, Avilucea F, Whiting PS, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Predicting the Postoperative Length of Stay for the Orthopaedic Trauma Patient. Mar 2016. Presented at the AAOS Annual Meeting in Orlando, FL.
152. Beebe MJ, Serano R, Auston D, Quade J, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**, Watson D. Optimizing Fixation of Extra-articular Distal Tibia Fractures (OTA 43- A): Does the fibula matter? Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
153. Auston D, Whiting PS, Avilucea FR, Beebe MJ, Quade J, Ross D, Archdeacon MT, Collinge CA, Sagi HC, **Mir HR**, Watson D. Negative Stress Examination Under Anesthesia is Reliable in Predicting Union Without Displacement While Full Weight-Bearing. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
154. Beebe MJ, Auston D, Serano R, Quade J, Shah A, Infante A, Maxson B, Watson D, Sanders R, **Mir HR**. OTA Classification is Highly Predictive of Acute Compartment Syndrome Following Tibia Fracture: A Cohort of 2885 Fractures. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
155. Cannada L, **Mir HR**, Hire J, Boyer P, Israel H, Halvorson J, Della Rocca G, Ming B, Mullis B, Deshpande C. Treatment and Outcomes of Patients with Ipsilateral Acetabular and Femur Fractures: A Multicenter Retrospective Analysis. Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
156. Tornetta P, Veltre D, Krause P, George MP, Vallier HA, Nguyen MP, Reich MS, Cannada L, Eng M, Miller AN, Goodwin AI, **Mir HR**, Clark C, Sandberg B, Westberg J, Firoozabadi R. Gun Shot Fractures of the Forearm Are Bad Actors! Oct 2016. Presented at the OTA Annual Meeting in Washington, DC.
157. Auston D, Whiting PS, Avilucea FR, Beebe MJ, Quade J, Ross D, Archdeacon MT, Collinge CA, Sagi HC, **Mir HR**, Watson D. Negative Stress Examination Under Anesthesia is Reliable in Predicting Union Without Displacement While Full Weight-Bearing. Mar 2017. Presented at the AAOS Annual Meeting in San Diego, CA.
158. Donohue D, Decker S, Ford J, Foley R, Dunbar K, Kumm T; Achors K, **Mir HR**. Opportunistic CT Screening for Osteoporosis in Patients with Pelvic and Acetabular Trauma: Technique and Potential Clinical Impact. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada.
159. Frank M, Francis J, Bender M, Richards M, Watson D, Shah A, Maxson B, Infante A, Sanders R, **Mir HR**. Multi-Dose Prophylactic IV Antibiotics Do Not Lower the Risk of Surgical Site Infection for Isolated Closed Ankle Fractures. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada.
160. Yoon R, Donegan D, Frank M, **Mir HR**, Van Osten K, Finkmeyer C, Collinge C, Liporace F. Indications and Outcomes for Nail Plate Combination Technique in the Treatment of Complex Femur and Distal Femur Fractures, Nonunions, and Malunions: A MultiCenter Collaborative Study. Oct 2017. Presented at the OTA Annual Meeting in Vancouver, Canada.
161. Tornetta P, Shahien A, Sullivan M, Firoozabadi R, Lu K, Cannada L, Timmel M, Ali A, Bramlett K, Marcantonio AJ, Flynn M, Vallier H, Nicolay R, Mullis B, Goodwin AI, Miller AN, Krause P, **Mir HR**. Combined Orthopaedic and Vascular Injuries: A Multicenter Analysis. June 2018. Presented at the AOA Annual Meeting in Boston, MA.
162. Tornetta P, Dashe J, Parisien RL, Murray B, Marcantonio AJ, Belluvue KD, Firoozabadi R, Garbriel M, Klatman S, George MP, Krause P, Sadauskas A, Cannada L, Ruder J, Bosse M, Steverson B, Fontenot P, Patel S, **Mir HR**, Kempegowda H, Horwitz D, Westberg J, Sandberg B, Miller AN, Goodwin AI. Comparison of the Henry vs. Thompson Approaches for Fixation of Proximal Radial Shaft Fractures: A Multicenter Study. June 2018. Presented at the AOA Annual Meeting in Boston, MA.
163. Lund EA, Ford J, Hannon P, Merimee S, Decker S, **Mir HR**. Does Bone Density on CT Correlate with Fracture Characteristics and Conversion to Arthroplasty in Operatively Treated Elderly Acetabular Fractures? Oct 2018. Presented at the OTA Annual Meeting in Orlando, FL.
164. Lund EA, Sellers T, Diaz M, Santoni B, Mir HR. Does Bone Density on CT Biomechanical Comparisons of Interfragmentary Positional Screws versus Lag Screws. Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.
165. McCarthy K, Karsch J, Saphien A, Maxson B, Shah A, Christensen J, Sanders R, Mir HR. Analysis of Current Advances in Fibular Plating Technology – Are the Increased Costs Justified? Mar 2019. Presented at the AAOS Annual Meeting in Las Vegas, NV.
166. Busel G, Merimee S, Atassi O, De La Fuente G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, Mir HR. Reduction Quality of Intra-Articular Calcaneal Fractures with Sinus Tarsi versus Extensile Lateral Approach on Postoperative CT Scans and Radiographs. Sep 2019. Presented at the OTA Annual Meeting in Denver, CO.
167. Atassi O, Busel G, De La Fuente G, Donohue D, Maxson B, Infante A, Shah A, Watson D, Downes K, Sanders R, Mir HR. The Use of a Novel Moldable Calcium Phosphate Putty (Montage®) For Periarticular Fractures – Early Clinical Results. Sep 2019. Presented at the OTA Annual Meeting in Denver, CO. Digital Presentation.
168. Hsu J, **Mir HR**, Miller AN, Dumpe J, Ring D, Seymour R. Clinical Practice Guidelines for Pain Management in Acute Musculoskeletal Injury. Jan 2020. Presented at the EWI Symposium in Washington, DC.

## Scientific Presentations (con't.)

### Poster

#### National

169. Flagstad IR, MacCormick L, White M, Heare A, Parikh HR, Westberg J, Schmidt T, Simske N, Siy A, Lufrano RC, Rodriguez Buitrago AF, Labrum JT, Shaw N, Nadeau J, Lund EA, Davis PT, Connelly D, Atchison J, Mauffrey C, Hak DJ, Hahn J, Whiting PS, **Mir HR**, Schmidt AH, Wagstrom E, Obremskey WT, O'Toole RV, Vallier HA, Cunningham B, MD. Outcomes of Single-Stage Versus 2-Stage Bilateral Intramedullary Nail Fixation in Patients With Bilateral Femur Fractures. Mar 2020. Presented at the AAOS Annual Meeting in Orlando, FL. E-poster.
170. Ahmed AS, Kim RL, Ramsamooj H, Roberts M, Downes H, **Mir HR**. Patient Perception of Pain Control (Not Opiate Amount) Impacts HCAHPS and Press Ganey Satisfaction Scores after Orthopaedic Trauma. Mar 2020. Presented at the AAOS Annual Meeting in Orlando, FL. E-poster.
171. Busel G, Atassi O, De La Fuente G, Donohue D, Watson D, Decker S, **Mir HR**. Use of a Low Dose on Postoperative CT Protocol for Acetabular Fractures. Oct 2020. Presented at the OTA Annual Meeting.
172. Merimee S, Mullins J, Alexander R, Downes K, **Mir HR**. Lost in the Shuffle: Geriatric Fracture Patients and Families Have Poor Health Literacy and Long Length of Stay in Post-Acute Care Facilities - A Prospective Study. Oct 2021. Presented at the OTA Annual Meeting in Fort Worth, TX.

#### Regional

173. Devers BN, Lebus GF, **Mir HR**. Incidence and Functional Outcomes Following Malunion of Non-operative Humeral Shaft Fractures. Oct 2014. Presented at the TOS Annual Meeting in Nashville, TN. Poster Award.
174. Kappa SF, Green EA, Miller NL, Herrell SD, Mitchell CR, **Mir HR**, Resnick MJ. Narcotic Use and Postoperative Doctor Shopping Among Patients with Nephrolithiasis Requiring Operative Intervention: Implications for Patient Safety. Mar 2015. Presented at the Southeastern Section of the AUA Annual Meeting in Savannah, GA.
175. Mesa L, Birkett N, Lufrano R, Chatta R, Hassan M, Hannon PJ, Mizel J, Ensor D, Watson D, Shah A, Maxson B, Infante A, Donohue D, Bates P, Downes K, Achan R, Sanders R, Grewal IS, **Mir HR**. An International Comparison of Acute Versus Staged Fixation of Bicondylar Tibial Plateau Fractures. Jul 2021. Presented at the FMA Annual Meeting in Orlando, FL.

#### Local

176. **Mir HR**, Edwards PK, Sanders RW, Haidukewych GJ. Results of Cephalomedullary Nail Fixation for Displaced Intracapsular Femoral Neck Fractures. June 2009. Presented at FOI Fellows Research Day in Tampa, FL.
177. Kadakia RJ, Tshahakis JM, Issar NM, Archer KR, Jahangir AA, Sethi MK, Obremskey WT, **Mir HR**. Health Literacy In an Orthopaedic Trauma Patient Population – A Cross Sectional Survey of Patient Comprehension. Apr 2012. Presented at the Vanderbilt Research Forum in Nashville, TN.
178. Edwards JM, **Mir HR**, Jahangir AA, Obremskey WT. Stress Hyperglycemia is Associated with Surgical Site Infection: A Prospective Observational Study of Non-Diabetic, Non-Critically Ill Orthopaedic Trauma Patients. Best Clinical Science Award. Apr 2012. Presented at the Vanderbilt Research Forum in Nashville, TN.
179. Molina CS, Callan AK, Burgos EJ, **Mir HR**. On-Call Communication in Orthopaedic Trauma: "A Picture is Worth a Thousand Words". April 2014. Presented at the Vanderbilt Research Forum in Nashville, TN.
180. Dodd A, Bulka C, Kramer NM, Avilucea FR, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Open Treatment of Ankle Fracture as an Inpatient Increases the Risk of a Complication. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
181. Greenberg SE, Bulka C, Jahangir AA, **Mir HR**, Burgos E, Baker R, Obremskey WT, Sethi MK. Predictors of Adverse Events for Ankle Fractures: An Analysis of 6,800 Patients. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
182. Greenberg SE, VanHouten J, Boyce RH, Melbourne C, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Does Admission to Medicine or Orthopaedics Impact a Geriatric Hip Fracture Patient's Length of Stay? April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
183. Sathiyakumar V, Greenberg SE, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Pre-operative Labs: Wasted Dollars or Predictors of Post-Operative Cardiac and Septic Events in Orthopaedic Trauma Patients? April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
184. Whiting PS, White-Dzuro G, Vanhouten J, Greenberg SE, Avilucea F, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Risk Factors for Deep Venous Thrombosis in Orthopaedic Trauma: An Analysis of 56,000 patients. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
185. Greenberg SE, Bulka C, Avilucea F, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Does Resident Involvement Increase Complications in Orthopaedic Trauma? April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
186. Greenberg SE, Bulka C, Jahangir AA, **Mir HR**, Obremskey WT, Sethi MK. Predictors of 30-Day Mortality for Orthopaedic Trauma Patients. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.



## Scientific Presentations (con't.)

### Poster

#### Local

187. Shi H, Greenberg SE, VanHouten JP, Avilucea FR, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. The Risk of Deep Vein Thrombosis in Total Joint Patients compared to Orthopaedic Trauma Patients: Need for New Prevention Guidelines. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
188. Daniel Johnson BS, Aditya Karhade, Sarah E. Greenberg BA, Jacob P. VanHouten MS, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Does the Charlson Comorbidity Index Impact an Orthopedic Trauma Patient's Hospital Length of Stay? April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
189. Harms K, Karhade A, Greenberg SE, Bulka C, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Large Femoral Defects in Open Femur Fractures: A Ten Year Retrospective Review. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
190. Avilucea FR, Greenberg, Karhade A, Whiting PS, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Patients at Increased Risk of a Major Adverse Event Following In-Patient Open Treatment of Distal Radius Fractures. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
191. Greenberg SE, Bulka C, Avilucea F, Whiting PS, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Predicting the Postoperative Length of Stay for the Orthopaedic Trauma Patient. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
192. VanHouten JP, Greenberg SE, Avilucea FR, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. A Hospital Length-of-Stay Predictor for Geriatric Hip Patients based on Admitting Service. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
193. Whiting PS, Karhade A, Greenberg SE, VanHouten JP, White-Dzuro GA, Avilucea FR, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Outcomes of Distal Femur Non-Unions Treated with a Combined Nail/Plate Construct and Autogenous Bone Grafting. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
194. Harms K, Greenberg SE, VanHouten JP, Melbourne C, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Increased risk of Adverse Events in the management of Femur and Tibial Shaft Fractures with ORIF: An Analysis of the NSQIP Data. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
195. Wallace C, Sathiyakumar V, Greenberg SE, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Are Cardiac Complications Associated with Other Adverse events? A Look at 56,000 Orthopaedic Trauma Patients. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
196. Ghiam M, Avilucea FR, Greenberg SE, Whiting PS, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Predictors of Post-Operative Complication following Open Treatment of Acetabular Fractures within 30 days of Surgery: An Analysis of 341 patients from the ACS-NSQIP Database. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
197. Johnson DJ, Greenberg SE, Sathiyakumar V, Thakore RV, Ehrenfeld J, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Relationship between the Charlson Comorbidity Index and Cost of Treating Geriatric Hip Fractures: Implications for Bundled Payment. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
198. Wallace C, Sathiyakumar V, Greenberg SE, Avilucea FR, Whiting PS, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Risk Factors for Adverse Cardiac Events in 27,000 Hip Fracture Patients: What the Practicing Orthopaedist Should be Aware of. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
199. Fan R, Sathiyakumar V, Greenberg SE, Karhade A, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Adverse cardiac events in 56,000 orthopaedic trauma patients: does anatomic area make a difference? April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
200. Fan R, Sathiyakumar V, Greenberg SE, Karhade A, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Impact of type of surgery on DVTs and Pulmonary Emboli: a look at 27,000 hip fracture patients. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
201. Douleh D, Sathiyakumar V, Greenberg SE, Karhade A, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Do orthopaedic trauma patients develop higher rates of cardiac complications? An analysis of 56,000 patients. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
202. Douleh D, Sathiyakumar V, Greenberg SE, Karhade A, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Are Orthopaedic Trauma patients at greater risk of sepsis? An analysis of the NSQIP data. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.
203. Sathiyakumar V, Greenberg SE, Karhade A, Jahangir AA, [Mir HR](#), Obremskey WT, Sethi MK. Drivers of hospital length of stay in 56,000 orthopaedic trauma patients: the impact of postoperative cardiac events. April 2015. Presented at the Vanderbilt Research Forum in Nashville, TN.

## Invited Faculty

### International

1. Osteosynthesis and Trauma Care (OTC) Foundation “Fractures Around the Foot and Ankle” Course in Miami, FL. “Talus Fractures.” “Lisfranc Fractures.” May 2011. Lecturer, Lab Instructor.
2. SIGN International Conference in Richland, WA. “Fixation of Intracapsular Femur Fractures.” Sep 2011. Lecturer, Lab Instructor.
3. VuMedi Webinar – “US Health Policy and Reform: Implications of the 2012 Election.” “Healthcare Reform in America – Red, Green, and Blue.” Nov 2012. Lecturer.
4. SICOT Webinar broadcast in India. “Acetabular Fractures.” “Anterior Intrapelvic Approach for Acetabular Fractures.” July 2014. Lecturer.
5. Smith and Nephew Complex Trauma Masters Forum in Singapore. “Complex Proximal Femoral Nailing.” “Complex Distal Femur Fractures – Plates and Nails.” “Ankles, Pilon, & Calcs – Tips & Tricks.” Case Presentations. Mar 2015. Lecturer, Moderator.
6. VuMedi Webinar – “Advances in Managing Post-Op Pain in Orthopaedic Trauma.” “The Opioid Epidemic – Impact on Orthopaedic Surgery.” Feb 2016. Lecturer.
7. SICOT Webinar broadcast in India. “Femur Fractures.” “Tips and Tricks for Femoral Fractures.” Feb 2016. Lecturer.
8. OTA Webinar – “Pain Management in Orthopaedic Trauma.” “Orthopaedic Trauma and Opioids.” Mar 2017. Lecturer.
9. OTA Webinar – “COVID-19: Preparedness in Orthopaedic Trauma.” Mar 2020. Panelist.
10. OTA Webinar – “COVID-19: Preparedness in Orthopaedic Trauma.” Apr 2020. Panelist.
11. AO Webinar – “A Lecture Free Discussion on Practical Clinical Solutions for Pain Control.” Sep 2020. Panelist.

### National

12. AAOS Annual Meeting – Resident Liaison Session in New Orleans, LA. “Industry/Surgeon Relationships in the Transition from Resident to AAOS Fellow.” Mar 2010. Lecturer.
13. AAOS Annual Meeting – Resident Liaison Session in San Diego, CA. “Resident Duty Hours from Resident to AAOS Fellow.” Presenter. Feb 2011. Lecturer.
14. FOT Annual Meeting in Las Vegas, NV. “Proximal Tibia Fractures.” Mar 2011. Lecturer.
15. OTA Resident Fracture Course in Chicago, IL. “Geriatric Fractures.” Apr 2011. Lecturer, Lab Instructor.
16. OTA Annual Meeting in San Antonio, TX. “IM Nailing of Proximal Femur Fractures.” Oct 2011. Lab Instructor.
17. FOT Lower Extremity Dissection Course in Las Vegas, NV. “Applied Anatomy of Knee Approaches.” Mar 2012. Lecturer, Lab Instructor.
18. FOT Annual Meeting in Las Vegas, NV. “Dynamic Assessment of Pelvic Stability.” Presenter. Mar 2012. Lecturer.
19. OTA Resident Fracture Course in Chicago, IL. “Geriatric Fractures.” Apr 2012. Lecturer, Lab Instructor.
20. FOT Lower Extremity Dissection Course in Philadelphia, PA. “Applied Anatomy of Knee Approaches.” “Kocher-Langenbach Approach to Hip.” Sep 2012. Lecturer, Lab Instructor.
21. OTA Annual Meeting – NP/PA Course in Minneapolis, MN. Hip Fracture Fixation. Oct 2012. **Moderator**, Lab Instructor. OTA Annual Meeting in Minneapolis, MN.
22. Workers’ Compensation Symposium – An Orthopaedic Trauma Perspective. “History of Workers’ Compensation and Common Definitions.” Oct 2012. **Moderator**, Lecturer.
23. OTA Annual Meeting in Minneapolis, MN. Health Policy Symposium “Healthcare Reform – Red, Green, & Blue.” Oct 2012. Lecturer.
24. FOT Upper Extremity Dissection Course in Las Vegas, NV. “Shoulder Approaches.” Feb 2013. Lecturer, Lab Instructor.
25. FOT Annual Meeting in Las Vegas, NV. “Health Literacy in an Orthopaedic Trauma Patient Population.” Mar 2013. Lecturer.
26. AAOS Annual Meeting in Chicago, IL. Symposium - Lower Extremity Nailing: What Can Be Nailed, What Should be Nailed, and Technical Pearls for Success. “Complex Proximal Femur Fractures” Mar 2013. Lecturer.
27. OTA Resident Fracture Course in Chicago, IL. “Geriatric Fractures.” Apr 2013. Lecturer, Lab Instructor.
28. Smith and Nephew Masters’ Fracture Forum in Huntington Beach, CA. “Proximal Humerus Fractures.” May 2013. Lecturer.
29. “Talus Fractures. Sep 2013. Lecturer, Lab Instructor.
30. Interurban Orthopaedic Society in Nashville, TN. “Narcotic Use and Postoperative Doctor Shopping in the Orthopaedic Trauma Population.” Oct 2013. Lecturer.
31. OTA Annual Meeting – NP/PA Course in Phoenix, AZ. Expert Panel and Case Discussions. “Fracture Complications.” Oct 2013. **Moderator**, Lecturer.
32. OTA Annual Meeting – Resident Fracture Course in Phoenix, AZ. “Geriatric Fractures.” Oct 2013. Lecturer, Lab Instructor.
33. OTA Annual Meeting in Phoenix, AZ. Skills Lab. “Knee or Ankle Spanning Ex-Fix.” Oct 2013. Lab Instructor.

## Invited Faculty (con't.)

### National

34. OTA Annual Meeting in Phoenix, AZ. Health Policy Symposium "Global Systems of Health and Trauma Care." Oct 2013. Lecturer.
35. FORE Orthopedic Trauma and Fracture Care – Pushing the Envelope in San Diego, CA. "Which of your patients are abusing Narcotics and are Doctor Shopping." "Proximal Femoral Nailing – What are My Tricks." Feb 2014. Lecturer.
36. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. Feb 2014. Lecturer, Lab Instructor.
37. FOT Lower Extremity Dissection Course in Las Vegas, NV. "Applied Anatomy of Knee Approaches." Feb 2014. Lecturer, Lab Instructor.
38. AAOS Annual Meeting in New Orleans, LA. Instructional Course Lecture - Shared Decision Making and Informed Consent: Understanding the goals and the Responsibility of the Orthopaedic Surgeon "Shared Decision Making" Mar 2014. Lecturer.
39. AAOS Annual Meeting in New Orleans, LA. Instructional Course Lecture - Lower Extremity Fracture Reduction: Tips, Tricks & Techniques So That You Leave the OR Satisfied. "Foot & Ankle – Open & Minimally Invasive" Mar 2014. Lecturer.
40. OTA Resident Fracture Course in Chicago, IL. "Pelvic Fractures." Apr 2014. Lecturer, Lab Instructor.
41. Talus Fractures. July 2014. Lecturer, Lab Instructor.
42. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. September 2014. Lecturer, Lab Instructor.
43. OTA Annual Meeting in Tampa, FL. From the Operating Room to the Boardroom - Applying an MBA to Benefit Orthopaedic Traumatology. "Obtaining an MBA as a Physician – How and Why." Oct 2014. **Moderator**, Lecturer.
44. OTA Annual Meeting in Tampa, FL. Contemporary Debates in Health Policy. Oct 2014. **eModerator**.
45. OTA Annual Meeting - Young Practitioners Forum in Tampa, FL. "Getting Started in Research." Oct 2014. Lecturer.
46. OTA Annual Meeting - NP/PA Course in Tampa, FL. Skills Lab. "Distal Femur Plating." Oct 2014. Lab Instructor.
47. OTA Annual Meeting - Orthopaedic Trauma Boot Camp in Tampa, FL. Skills Lab. "Pilon Plating." Oct 2014. Lab Instructor.
48. OTA Annual Meeting in Tampa, FL. Skills Lab. "Anterior Acetabular Fixation." Oct 2014. Lab Instructor.
49. AO Residents Basic Fracture Course in Atlanta, GA. "Humeral Shaft Fractures." October 2014. Lecturer, Lab Instructor.
50. Smith and Nephew Advanced Surgical Approaches for Internal Fixation Course in Memphis, TN. "Distal Femur Fractures." November 2014. Lecturer, Lab Instructor.
51. AAOS Virtual CME Course. Long Bone Nonunion. Sep - Oct 2014. Course Blogger.
52. FORE Orthopedic Trauma and Fracture Care – Pushing the Envelope in San Diego, CA. "International Systems of Health Care and Trauma." "Anterior Intrapelvic Approach for Acetabular Fractures." Jan 2015. Lecturer.
53. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. February 2015. Lecturer, Lab Instructor.
54. AAOS/OTA Combined Trauma Update Course in Orlando, FL. "Complex Elbow Fractures" Mar 2015. Lecturer. Table Instructor. Lab Instructor.
55. AAOS Annual Meeting in Las Vegas, NV. Instructional Course Lecture - Shared Decision Making and Informed Consent: Understanding the goals and the Responsibility of the Orthopaedic Surgeon "Shared Decision Making" Mar 2015. Lecturer.
56. AAOS Annual Meeting in Las Vegas, NV. Instructional Course Lecture - Lower Extremity Fracture Reduction: Tips, Tricks & Techniques So That You Leave the OR Satisfied. "Foot & Ankle – Open & Minimally Invasive" Mar 2015. Lecturer.
57. AAOS Annual Meeting in Las Vegas, NV. Instructional Course Lecture - Periarticular Fractures of the Tibia: The Case for Going Prone. Mar 2015. Table Instructor.
58. AAOS Annual Meeting in Las Vegas, NV. Faculty Development Program "Culturally Competent Care" Mar 2015. Lecturer. **Moderator**.
59. AAOS Annual Meeting in Las Vegas, NV. Resident Tips & Tricks Program "Culturally Competent Care" Mar 2015. Lecturer.
60. AAOS Annual Meeting in Las Vegas, NV. AAOS Now Forum. "Impact of Government Initiatives" Mar 2015. **Moderator**.
61. OTA Resident Fracture Course in Chicago, IL. "Pelvic Fractures." Apr 2015. Lecturer, Lab Instructor.
62. FORE Trauma 101 - Fracture Care for the Community Orthopedist in Cincinnati, OH. "Ankle Fractures in the Elderly." "Supracondylar Femur Fractures." May 2015. Lecturer. Lab Instructor.
63. AOA Annual Meeting in Providence, RI. Emerging Leaders Forum "AOA Travelling Fellowships." June 2015. Lecturer.



## Invited Faculty (con't.)

### National

64. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. September 2015. Lecturer, Lab Instructor.
65. OTA Annual Meeting in San Diego, CA. From the Operating Room to the Boardroom - Applying an MBA to Benefit Orthopaedic Traumatology. "Obtaining an MBA as a Physician – How and Why." Oct 2015. **Moderator**, Lecturer.
66. OTA Annual Meeting in San Diego, CA. Anxious, Addicted, and Alone – It is More than Just the Xrays! "The Opioid Epidemic." Oct 2015. Lecturer.
67. OTA Annual Meeting - Orthopaedic Trauma Boot Camp in San Diego, CA. Skills Lab. "Pilon Plating." Oct 2015. Lab Instructor.
68. OTA Annual Meeting in San Diego, CA. Skills Lab. "Complex Ankle Fractures: Posterior Malleolus, Syndesmosis." Oct 2015. Lab Instructor.
69. OTA Annual Meeting in San Diego, CA. Skills Lab. "IM Nailing Proximal Tibia Fx." Oct 2015. Lab Instructor.
70. OTA Annual Meeting in San Diego, CA. Skills Lab. "Periprosthetic Femur Fx." Oct 2015. Lab Instructor.
71. FORE Pelvic and Acetabular Masters Meeting in San Diego, CA. "Acute Pelvic Injuries." Oct 2015. Presenter.
72. Smith and Nephew Advanced Surgical Approaches for Internal Fixation Course in Memphis, TN. "Distal Femur Fractures." November 2015. Lecturer, Lab Instructor.
73. Smith and Nephew Masters' Fracture Forum in New York City, NY. "Distal Femur and Femoral Shaft Fractures." Dec 2015. Lecturer.
74. Society of Military Orthopaedic Surgeons (SOMOS) Annual Meeting in St. Petersburg, FL. Trauma – Upper Extremity. Dec 2015. **Moderator**.
75. SOMOS Annual Meeting in St. Petersburg, FL. Rapid Fire Trauma – Vascular Injury. Dec 2015. **Moderator**.
76. SOMOS Annual Meeting in St. Petersburg, FL. "Complex Elbow Injuries." Dec 2015. Lecturer
77. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. February 2016. Lecturer, Lab Instructor.
78. AAOS Annual Meeting in Orlando, FL. Instructional Course Lecture - Shared Decision Making and Informed Consent: Understanding the goals and the Responsibility of the Orthopaedic Surgeon "Shared Decision Making" Mar 2016. Lecturer.
79. AAOS Annual Meeting in Orlando, FL. Instructional Course Lecture - Lower Extremity Fracture Reduction: Tips, Tricks & Techniques So That You Leave the OR Satisfied "Foot & Ankle – Open & Minimally Invasive" Mar 2016. Lecturer.
80. AAOS Annual Meeting in Orlando, FL. Instructional Course Lecture - Periarticular Fractures of the Tibia: The Case for Going Prone. Mar 2016. Table Instructor.
81. AAOS Annual Meeting in Orlando, FL. Faculty Development Program "Culturally Competent Care" Mar 2016. Lecturer. **Moderator**.
82. AAOS Annual Meeting in Orlando, FL. The Way I See It. "Obamacare" Mar 2016. Lecturer.
83. Depuy Synthes Current Techniques in Orthopaedic Trauma in Tampa, FL. "Complex Elbow Fractures." April 2016. Lecturer. Lab Instructor.
84. Smith and Nephew Masters' Fracture Forum in Huntington Beach, CA. "Pelvic Fractures." April 2016. Lecturer.
85. FORE Trauma 101 - Fracture Care for the Community Orthopedist in Clearwater, FL. "Ankle Fractures in the Elderly." "Tibial Shaft Fractures – IM Nail Entry Portals and Tricks." April 2016. Lecturer. Lab Instructor.
86. FOT Pelvic Dissection Course in Tampa, FL. "Anterior Intrapelvic Approach." May 2016. Lecturer, Lab Instructor. **Course Director**.
87. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. September 2016. Lecturer, Lab Instructor.
88. OTA Annual Meeting- Orthopaedic Trauma Boot Camp in Washington, DC. Orthopaedic Urgencies / Emergencies. "Getting Through the Night – What Needs to Go in the Dark." Oct 2016. **Moderator**, Lecturer.
89. FORE Pelvic and Acetabular Masters Meeting in Washington, DC. "Pelvic and Acetabular Combination Injuries." Oct 2016. Presenter.
90. OTA Annual Meeting - Orthopaedic Trauma Boot Camp in Washington, DC. Skills Lab. "Pilon Plating." Oct 2016. Lab Instructor.
91. OTA Annual Meeting - Orthopaedic Trauma Boot Camp in Washington, DC. Skills Lab. "Extended Tibial Nailing." Oct 2016. Lab Instructor.
92. OTA Annual Meeting in Washington, DC. Moving Beyond Mu with Kappa Opioid Receptor Agonists: Leaving the Baggage Behind. "The Opioid Epidemic – Impact on Orthopaedic Surgery." Oct 2016. Lecturer.
93. OTA Annual Meeting in Washington, DC. Case Presentations – Pelvis and Acetabulum. Oct 2016. Presenter.

## Invited Faculty (con't.)

### National

94. OTA Annual Meeting in Washington, DC. Skills Lab. "IMN Proximal Tibia Fractures." Oct 2016. Lab Instructor.
95. OTA Annual Meeting in Washington, DC. Pain Management, Pediatrics and Infection. Oct 2016. **Moderator.**
96. Smith and Nephew Advanced Surgical Approaches for Internal Fixation Course in Memphis, TN. "Distal Femur Fractures." November 2016. Lecturer, Lab Instructor.
97. AAOS/OTA Combined Trauma Update Course in Chicago, IL. "Complex Elbow Fractures." "Tibial Nailing." Dec 2016. Lecturer. Table Instructor. Lab Instructor.
98. FOT Annual Meeting in Las Vegas, NV. "Jedi Mind Tricks and Patient Satisfaction." Feb 2017. Lecturer.
99. AAOS Annual Meeting in San Diego, CA. Faculty Development Program. "Culturally Considerations in Education and Patient Care" Mar 2017. Lecturer. **Moderator.**
100. AAOS Annual Meeting in San Diego, CA. Moving Beyond Mu with Kappa Opioid Receptor Agonists: Leaving the Baggage Behind. "The Opioid Epidemic – Impact on Orthopaedic Surgery." Mar 2017. Lecturer.
101. AAOS Annual Meeting in San Diego, CA. Instructional Course Lecture - Lower Extremity Fracture Reduction: Tips & Tricks for Nails & Plates "Distal Femur." Mar 2017. Lecturer. **Moderator.**
102. AAOS Annual Meeting in San Diego, CA. Instructional Course Lecture - Antibiotic Stewardship Programs "Orthopaedic Trauma Considerations" Mar 2017. Lecturer.
103. AAOS Annual Meeting in San Diego, CA. The Way I See It. "Patient Centered Care and Shared Decision Making" Mar 2017. Lecturer.
104. AAOS Annual Meeting in San Diego, CA. Instructional Course Lecture - Periarticular Fractures of the Tibia: The Case for Going Prone. Mar 2017. Table Instructor.
105. Smith and Nephew Masters' Fracture Forum in Huntington Beach, CA. "Proximal Tibia Fractures." April 2017. Lecturer.
106. FORE Trauma 101 - Fracture Care for the Community Orthopedist in Clearwater, FL. "Femoral Shaft Fractures – Where Should I Start?" "Tibial Shaft Fractures – IM Nail Entry Portals and Tricks." Lightning Round – OR Faculty Tips. May 2017. **Moderator.** Lecturer. Lab Instructor.
107. FOT Pelvic Dissection Course in Tampa, FL. "Anterior Intrapelvic Approach." "Lateral Window and ASIS Osteotomy." May 2017. Lecturer, Lab Instructor. **Course Director.**
108. FORE Orthopedics for the PCP and Rehab Therapist in Clearwater, FL. "Commonly Missed Lower Extremity Fractures." July 2017. Lecturer.
109. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Case Discussions. August 2017. **Moderator.** Lab Instructor. Course Chairman.
110. OTA Annual Meeting – Basic Science Focus Forum in Vancouver, Canada. Pain Management Symposium. "The Opioid Epidemic – Current Epidemiology and Extent of Our Problems." Oct 2017. Lecturer.
111. OTA Annual Meeting in Vancouver, Canada. Breakout Symposium – Mental Health in Orthopaedic Trauma. "Multi-Center Studies of Mental Health and Provider Interventions." Oct 2017. Lecturer.
112. OTA Annual Meeting in Vancouver, Canada. Breakout Symposium – Femoral Neck Fractures in Young Adults. "Clinical Outcomes." Oct 2017. Lecturer.
113. OTA Annual Meeting - Young Practitioners Forum in Vancouver, Canada. "Financial Decision Making on the Job – It All Adds Up." Oct 2017. Lecturer.
114. OTA Annual Meeting in Vancouver, Canada. Skills Lab. "IMN Proximal Tibia Fractures." Oct 2017. Lab Instructor.
115. OTA Annual Meeting – Industry Session with Smith & Nephew in Vancouver, Canada. Skills Lab. "Pilon Fractures." Oct 2016. Lab Instructor.
116. IMANA Webinar – Applying to Residency "Residency Application Tips for Surgical Specialties." Oct 2017. Lecturer.
117. AAOS Annual Fall Meeting in Dallas, TX. Breakout Symposium – The Art of Leadership "Leadership in Orthopaedics." Nov 2017. **Moderator.**
118. FORE Current Solutions in Orthopaedic Trauma in Tampa, FL. "Intertrochanteric Femur Fractures." "Femoral Shaft Fractures." Nov 2017. Lecturer.
119. Smith and Nephew Advanced Surgical Approaches for Internal Fixation Course in Memphis, TN. "Distal Femur Fractures." "Calcaneus Fractures." Dec 2017. Lecturer, Lab Instructor.
120. AAOS/OTA Combined Trauma Update Course in Chicago, IL. "Complex Elbow Fractures." "Tibial Nailing." Dec 2017. Lecturer. Table Instructor. Lab Instructor.
121. Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. Feb 2018. Lecturer, Lab Instructor.
122. Extremity War Injuries Symposium in Washington, DC. "The Opioid Epidemic – Current Epidemiology and Organizational Responses." Precision Orthopaedics and Rehabilitation Jan 2018. Lecturer. **Moderator.**
123. Smith & Nephew National Sales Meeting in Orlando, FL. "Pilon Fractures." Feb 2018. Lecturer.

## Invited Faculty (con't.)

### National

- 124.FOT Annual Meeting in Las Vegas, NV. "What's New in Orthopaedic Trauma – Techniques and Innovation." Feb 2018. Lecturer.
- 125.AAOS Annual Meeting in New Orleans, LA. Resident Practice Management Symposium "Workers' Compensation 101." "Coding and Billing 101." Mar 2018. Lecturer. **Moderator.** **Course Co-Director.**
- 126.AAOS Annual Meeting in New Orleans, LA. Faculty Development Program "Culturally Considerations in Education and Patient Care" Mar 2018. Lecturer. **Moderator.**
- 127.AAOS Annual Meeting in New Orleans, LA. Instructional Course Lecture - Lower Extremity Fracture Reduction: Tips & Tricks for Nails & Plates "Distal Femur." Mar 2018. Lecturer. **Moderator.**
- 128.AAOS Annual Meeting in New Orleans, LA. The Opioid Epidemic – America's Addiction. "The Opioid Epidemic – Current Epidemiology and Extent of Our Problem." Mar 2018. Lecturer.
- 129.AAOS Annual Meeting in New Orleans, LA. Instructional Course Lecture - Antibiotic Stewardship Programs "Orthopaedic Trauma Considerations" Mar 2018. Lecturer.
- 130.AAOS Annual Meeting in New Orleans, LA. Ask an Expert Session. "Proximal Humerus Fractures. Mar 2018. Lecturer.
- 131.AAOS Annual Meeting in New Orleans, LA. Booth Expert Session – Trice Medical. "Use of a Needle Based Camera to Aid in Fracture Surgery." Mar 2018. Lecturer. **Moderator.**
- 132.OTA Specialty Day at AAOS Annual Meeting in New Orleans, LA. "Patella Fractures." Mar 2018. Lecturer.
- 133.Smith and Nephew Masters' Fracture Forum in Huntington Beach, CA. "Pelvic Fractures." April 2018. Lecturer.
- 134.FOT Pelvic Dissection Course in Tampa, FL. "Anterior Intrapelvic Approach." "Lateral Window and ASIS Osteotomy." May 2018. Lecturer, Lab Instructor. Course Director.
- 135.Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. May 2018. Lecturer, Lab Instructor.
- 136.FORE Trauma 101 - Fracture Care for the Community Orthopedist in Clearwater, FL. "Pelvic Fracture Management – Current State of the Art?" "Distal Radius Fractures – Volar, Dorsal, or Both?" May 2018. **Moderator.** Lecturer. Lab Instructor.
- 137.AOA Annual Meeting in Boston, MA. Opioid Addiction and Solutions "Current Epidemiology and Extent of Our Problems." June 2018. Lecturer.
- 138.AOA Annual Meeting in Boston, MA. Leadership Institute. "Building Great Teams." June 2018. **Moderator.**
- 139.Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Semi-Extended Nailing. Aug 2018. Lecturer, Lab Instructor.
- 140.OTA Annual Meeting in Orlando, FL. Breakout Symposium – Calcaneus Fractures Fixation – Strategies for Success. "Sinus Tarsi Approach." Oct 2018. Lecturer.
- 141.OTA Annual Meeting in Orlando, FL. Skills Lab. "Periprosthetic Fractures around the Knee." Oct 2018. Lab Instructor.
- 142.AAOS BOS Webinar – "Conflicts of Interest." Oct 2018. Panelist.
- 143.Zimmer Biomet Resident Fracture Course in Miami, FL. Proximal Humerus Fractures. The US Opioid Epidemic – Current Epidemiology and Organizational Responses. Dec 2018. Lecturer, Lab Instructor.
- 144.Addressing the Opioid Epidemic: A Call to Action to Save Our Communities in Jacksonville, FL. "The US Opioid Crisis: Current Epidemiology & Organizational Responses." Dec 2018. Lecturer.
- 145.AAOS Annual Meeting in Las Vegas, NV. Faculty Development Program. Culturally Considerations in Education and Patient Care" Mar 2019. Lecturer. **Moderator.**
- 146.AAOS Annual Meeting in Las Vegas, NV. Instructional Course Lecture - Lower Extremity Fracture Reduction: Tips & Tricks for Nails & Plates "Distal Femur." Mar 2019. Lecturer. **Moderator.**
- 147.AAOS Annual Meeting in Las Vegas, NV. Instructional Course Lecture - Antibiotic Stewardship Programs . "Orthopaedic Trauma Considerations" Mar 2019. Lecturer.
- 148.PAINWeekEnd in Indianapolis, IN. "Precise Prescribing: Applying the Science of Pain to Treatment Decisions." Mar 2019. Lecturer.
- 149.Smith and Nephew Surgical Approaches for Internal Fixation Course in Memphis, TN. Talus Fractures. Aug 2019. Lecturer, Lab Instructor. **Course Director.**
- 150.OTA Annual Meeting in Denver, CO. Breakout Symposium – Pelvic and Acetabular Fractures. Sep 2019. Panelist.
- 151.OTA Annual Meeting in Denver, CO. Breakout Symposium – Controversies in Treatment of Pelvic Ring Injuries. Sep 2019. Panelist.
- 152.OTA Annual Meeting in Denver, CO. Breakout Symposium – Snakes in the Grass: Common Occupational Hazards. "Physician Wellness – An International Perspective." Sep 2019. Lecturer.
- 153.OTA Annual Meeting - Young Practitioners Forum in Denver, CO. "Good to Great is More than a Book (The Intangibles for Success from a Mid-Career Surgeon)." Sep 2019. Lecturer. Panelist

## Invited Faculty (con't.)

### National

- 154.FORE Current Solutions in Orthopaedic Trauma in Tampa, FL. "Suprapatellar Tibial Nailing." "Sinus Tarsi Approach." Nov 2019. Lecturer. **Moderator.**
- 155.Smith and Nephew Advanced Surgical Approaches for Internal Fixation Course in Memphis, TN."Distal Femur Fractures." "Calcaneus Fractures." Nov 2019. Lecturer, Lab Instructor.
- 156.AAOS/OTA Combined Trauma Update Course in Chicago, IL. "Complex Elbow Fractures." "Tibial Nailing." Dec 2019. Lecturer. Table Instructor. Lab Instructor.
- 157.Zimmer Biomet Resident Fracture Course in Miami, FL. Proximal Humerus Fractures. The US Opioid Epidemic – Current Epidemiology and Organizational Responses Dec 2019. Lecturer, Lab Instructor.
- 158.SOMOS Annual Meeting in Palm Beach Gardens, FL. Rapid Fire Trauma . Dec 2019. **Moderator.**
- 159.SOMOS Annual Meeting in Palm Beach Gardens, FL. , "Pelvic Ring Injury Management – Current State of the Art." ,Dec 2019. Lecturer.
- 160.Extremity War Injuries Symposium in Washington, DC. "Physician Wellness for the Military Surgeon." Jan 2020. Lecturer.
- 161.FOT Lower Extremity Dissection Course in Las Vegas, NV. Jan 2020. Lab Instructor. **Course Co-Chairman.**
- 162.FOT Annual Meeting in Las Vegas, NV. "Opioid Prescribing Patterns and Relation to Patient Satisfaction Scores for Orthopedic Trauma." "Best practices for postop pain control." Jan 2020. Lecturer. **Moderator. Course Co-Chairman.**
- 163.AAOS Annual Meeting in Orlando, FL. Resident Practice Management Symposium. "Workers' Compensation 101." "Coding and Billing 101." Mar 2020. Lecturer. **Moderator. Course Co-Director.** (COVID Cancelled)
- 164.AAOS Annual Meeting in Orlando, FL. Faculty Development Program. "Culturally Considerations in Education and Patient Care" Mar 2020. Lecturer. **Moderator.** (COVID Cancelled)
- 165.OTA Annual Meeting. Roundtable Session – How to Find a Job during a Pandemic. Oct 2020. Panelist.
- 166.OTA Annual Meeting. Symposium – Clinical Practice Guidelines for Pain Management in Acute Musculoskeletal Injury. Oct 2020. Lecturer.
- 167.FORE Current Solutions in Orthopaedic Trauma in Tampa, FL. "Terrible Triad." Nov 2020. Lecturer. **Moderator. Course Co-Director.**
- 168.AAOS Webinar. Fixation Strategies for Pilon Fractures. "Pilon Fractures – Nail vs. Plate" Nov 2020. Lecturer.
- 169.OTA Fracture Night in America. Lower Extremity Injury Cases. Nov 2020. Presenter.
- 170.FOT Pelvic Dissection Course in Tampa, FL. "Anterior Intrapelvic Approach." Sep 2021. Lecturer, Lab Instructor. **Course Director.**
- 171.OTA Annual Meeting in Fort Worth, TX. International Symposium –Treatment of Pelvic Ring Injuries. "Which Pelvic Ring Injuries are Unstable?" Oct 2021. Lecturer. Panelist.
- 172.OTA Annual Meeting in Fort Worth, TX. Breakout Symposium – Diversity & Inclusion in Orthopaedic Trauma. "Current State of Diversity in Orthopaedic Residency and Trauma Fellowships." Oct 2021. Lecturer. Panelist.
- 173.FORE Current Solutions in Orthopaedic Trauma in Tampa, FL. "Terrible Triad." Nov 2021. Lecturer. **Moderator. Course Co-Director.**
- 174.AAOS/OTA Combined Trauma Update Course in Chicago, IL. "Complex Elbow Fractures." "Tibial Nailing." Dec 2021. Lecturer. Table Instructor. Lab Instructor.

### Regional

- 175.Tennessee Trauma Symposium in Nashville, TN. "Proximal Humerus Fractures." "Talus Fractures." Proximal Humerus Fracture Case Discussions. Talus Fracture Case Discussions. Nov 2011. Moderator, Lecturer.
- 176.SEFC Annual Meeting in Raleigh, NC. "The Bicondylar Tibial Plateau Fracture." "Approaches to Tibial Plateau." Jan 2012. Lecturer, Lab Instructor.
- 177.Tennessee Trauma Symposium in Nashville, TN "Talus Fractures." Ankle Fracture Case Discussions. Nov 2012. Moderator, Lecturer.
- 178.South East Trauma Symposium in Destin, FL. "What is the current standard of care for talar neck fractures?" "Proximal Humerus fractures – To Fix or Not and How?" Lower Extremity Fracture Case Presentations Aug 2013. Moderator, Lecturer.
- 179.Tennessee Trauma Symposium in Nashville, TN "Dynamic Assessment of Pelvic Stability." Nov 2013. Lecturer.
- 180.Tips of the Trade in Upper Extremity Surgery in Nashville, TN 9th Annual Vanderbilt Hand and Upper Extremity Conference "Narcotic use and Doctor Shopping in Orthopedic Trauma Patients" Mar 2014. Lecturer.
- 181.Tennessee Orthopaedic Trauma Symposium in Nashville, TN "Impact of ICD-10." "The Opioid Epidemic." Nov 2014. Course Co-Chairman. Lecturer.
- 182.Florida Orthopaedic Society Annual Meeting in Orlando, FL. "Periprosthetic Femur Fractures." May 2016. Lecturer.
- 183.Smith & Nephew Regional Symposium in Orlando, FL. "Complex Proximal Femoral Nailing." "Hip Fracture Bundled Payment Models (SHFFT)." Apr 2017. Lecturer.
- 184.184. Synthes Resident Course in Tampa, FL.Oct 2021. Lecturer, Lab Instructor. **Course Director.**



## Invited Faculty (con't.)

### Local

185. Hospital for Special Surgery Trauma Conference in New York, NY. "Humeral Shaft Nonunions." Oct 2002. Lecturer.
186. Campbell Clinic Clinicopathology Conference in Memphis, TN "Liposarcoma." Oct 2005. Lecturer.
187. Campbell Clinic Clinicopathology Conference in Memphis, TN. "Chondromyxoid Fibroma." Oct 2005. Lecturer.
188. Campbell Clinic Clinicopathology Conference in Memphis, TN. "Calcifying Aponeurotic Fibroma." Dec 2005. Lecturer.
189. Campbell Clinic Clinicopathology Conference in Memphis, TN. "Hemangiomas." Dec 2005. Lecturer.
190. Campbell Clinic Monday Night Meeting in Memphis, TN. "Tumors of the Foot and Ankle." May 2006. Lecturer.
191. Campbell Clinic Pediatric Service Meeting in Memphis, TN. "Pediatric Cervical Spine Injuries." Feb 2006. Lecturer.
192. Campbell Clinic Pediatric Service Meeting in Memphis, TN. "Pediatric Lower Extremity Rotational Variation." Feb 2006. Lecturer.
193. Campbell Clinic Foot and Ankle Conference in Memphis, TN. "Peripheral Vascular Disease in Diabetes." May 2006. Lecturer.
194. Campbell Foundation Board Meeting in Memphis, TN. "A Resident's Perspective." Jan 2007. Lecturer.
195. Campbell Clinic Monday Night Meeting in Memphis, TN. "Orthopaedic Board Review - Trauma." Mar 2007. Lecturer.
196. Campbell Clinic Monday Night Meeting in Memphis, TN. "Orthopaedic Board Review - Trauma." Aug 2007. Lecturer.
197. Campbell Clinic Monday Night Meeting in Memphis, TN. "Orthopaedic Board Review - Trauma." Mar 2008. Lecturer.
198. Campbell Clinic Ingram Memorial Lectureship in Memphis, TN. "Factors Affecting Postoperative Alignment of Subtrochanteric Femur Fractures." May 2008. Lecturer.
199. Vanderbilt University Kenneth Johnson Memorial Lectureship in Nashville, TN. "Complex Ankle Fractures." Ankle Fracture Case Discussions. Nov 2010. Moderator, Lecturer.
200. Vanderbilt University Orthopaedic Trauma Fellows Conference in Nashville, TN. "Proximal Humerus Fractures." Nov 2010. Lecturer
201. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Proximal Humerus Fractures." Nov 2010. Lecturer..
202. Vanderbilt University Orthopaedic Trauma Fellows Conference in Nashville, TN. "Talus Fractures." Dec 2010. Lecturer.
203. Vanderbilt University Orthopaedic Trauma Fellows Conference in Nashville, TN. "Geriatric Fractures." Jan 2011. Lecturer.
204. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Geriatric Fractures." Feb 2011. Lecturer.
205. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Ballistic Fractures." Apr 2011. Lecturer.
206. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Talus Fractures." June 2011. Lecturer.
207. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Open Fractures." July 2011. Lecturer.
208. Vanderbilt University/Smith and Nephew Mobilab in Nashville, TN. July 2011. **Course Chairman**, Lecturer, Lab Instructor.
209. Vanderbilt University Kenneth Johnson Memorial Lectureship in Nashville, TN. "Proximal Humerus Fractures." Proximal Humerus Fracture Case Discussions. Nov 2011. **Moderator**, Lecturer.
210. Vanderbilt University Medical School in Nashville, TN. 1st Year Clinical Preceptor. Fall 2011. Faculty.
211. Vanderbilt University Medical School in Nashville, TN. 4th Year Orthopaedic Research Elective. Fall 2011. Faculty.
212. Vanderbilt University Medical School in Nashville, TN. 2nd Year Orthopaedic Research Elective. Fall 2011. Faculty.
213. Vanderbilt University Commons Seminar (Undergraduate) in Nashville, TN. Healthcare in America: Where Have We Come From and Where Are We Going? Spring 2012. **Course Co-Director**. Lecturer.
214. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Geriatric Fractures." Jan 2012. Lecturer.
215. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Fracture Conference." Feb 2012. Moderator.
216. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Ballistic Fractures." June 2012. Lecturer.
217. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Open Fractures." July 2012. Lecturer.
218. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Fracture Conference." Aug 2012. Moderator.
219. Vanderbilt University Medical School in Nashville, TN. 4th Year Orthopaedic Research Elective. Fall 2012. Faculty.
220. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Talus Fractures." Dec 2012. Lecturer.
221. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Geriatric Fractures." Feb 2013. Lecturer.
222. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Proximal Humerus Fractures." Apr 2013. Lecturer.
223. Vanderbilt University Neil Green Lectureship in Nashville, TN. "Narcotic Use and Postoperative Doctor Shopping in the Orthopaedic Trauma Population." June 2013. Faculty Advisor.
224. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Nailing of Complex Proximal Femoral Fractures." Jun 2013. Lecturer.
225. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Open Fractures." July 2013. Lecturer.
226. Vanderbilt University Medical School in Nashville, TN. 4th Year Orthopaedic Research Elective. Fall 2013. Faculty.
227. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Fracture Conference." Aug 2013. Moderator.
228. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Fracture Conference." Sep 2013. Moderator.
229. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Ballistic Fractures." Nov 2013. Lecturer.
230. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Talus Fractures." Dec 2013. Lecturer.
231. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Geriatric Fractures." Feb 2014. Lecturer.
232. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Proximal Humerus Fractures." Apr 2014. Lecturer.



## Invited Faculty (con't.)

### Local

233. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Understanding International Systems of Health and Trauma Care." June 2014. Lecturer.
234. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Open Fractures." July 2014. Lecturer.
235. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Fracture Conference." Sep 2014. Moderator.
236. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Distal Femur Fractures." November 2014. Lecturer.
237. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Complex Elbow Fractures." February 2015. Lecturer.
238. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Workers Compensation System." March 2015. Lecturer.
239. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Proximal Humerus Fractures." April 2015. Lecturer.
240. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Open Fractures." July 2015. Lecturer.
241. Vanderbilt University Orthopaedic Residents Conference in Nashville, TN. "Emergent Treatment of Pelvic and Acetabular Fractures." July 2015. Lecturer.
242. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Basic Skills Lab – External Fixation." August 2015. Lecturer. Lab Instructor.
243. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Basic Skills Lab – Compartment Syndrome." September 2015. Lecturer. Lab Instructor.
244. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Compartment Syndrome – 1 and 2 incision Techniques. June 2016. Lecturer. Lab Instructor.
245. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Polytrauma." July 2016. Lecturer.
246. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic Fractures." July 2016. Lecturer.
247. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Open Fractures." July 2016. Lecturer.
248. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Compartment Syndrome." July 2016. Lecturer.
249. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Anatomy Lab – Foot and Ankle Surgical Approaches." August 2016. Lecturer. Lab Instructor.
250. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Evaluation of the Trauma Patient." August 2016. Lecturer.
251. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Ballistic Extremity Fractures." October 2016. Lecturer.
252. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Basics of Internal and External Fixation. December 2016. Lecturer. Lab Instructor.
253. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Basic Skills Lab – Compartment Syndrome." February 2017. Lecturer. Lab Instructor.
254. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Forearm Fractures." March 2017. Lecturer.
255. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Talus and Calcaneus Fractures." March 2017. Lecturer.
256. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Acetabular Fractures." April 2017. Lecturer.
257. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic Fractures." April 2017. Lecturer.
258. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Femoral Head Fractures." June 2017. Lecturer.
259. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Compartment Syndrome – 1 and 2 incision Techniques. June 2017. Lecturer. Lab Instructor.
260. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Polytrauma." July 2017. Lecturer.
261. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic Fractures." July 2017. Lecturer.
262. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Open Fractures." July 2017. Lecturer.
263. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Compartment Syndrome." July 2017. Lecturer.
264. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Ballistic Open Fractures." July 2017. Lecturer.
265. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Combined Orthopaedic and Vascular Injuries." July 2017. Lecturer.
266. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Splinting, Casting, and Reductions of Fractures and Dislocations. July 2017. Lecturer. Lab Instructor.
267. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Basics of Internal and External Fixation. December 2017. Lecturer. Lab Instructor.
268. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Tibial Plateau and Tibial Shaft Fractures." February 2018. Lecturer.
269. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Ankle and Tibial Plafond Fractures." April 2018. Lecturer.

## Invited Faculty (con't.)

### Local

270. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Open Fractures." July 2018. Lecturer.
271. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Compartment Syndrome." July 2018. Lecturer.
272. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Polytrauma." July 2018. Lecturer.
273. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic Fractures." July 2018. Lecturer.
274. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Ballistic Open Fractures." July 2018. Lecturer.
275. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Combined Orthopaedic and Vascular Injuries." July 2018. Lecturer.
276. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Splinting, Casting, and Reductions of Fractures and Dislocations. July 2018. Lecturer. Lab Instructor.
277. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic and Acetabular Fractures." Apr 2019. Lecturer.
278. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Hip Dislocations and Femoral Head Fractures." Jun 2019. Lecturer.
279. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Open Fractures." July 2020. Lecturer.
280. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Compartment Syndrome." July 2020. Lecturer.
281. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Polytrauma." July 2020. Lecturer.
282. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic Fractures." July 2020. Lecturer.
283. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Ballistic Open Fractures." July 2020. Lecturer.
284. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Combined Orthopaedic and Vascular Injuries." July 2020. Lecturer.
285. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Splinting, Casting, and Reductions of Fractures and Dislocations. July 2020. Lecturer. Lab Instructor.
286. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic and Acetabular Fractures." Apr 2021. Lecturer.
287. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Hip Dislocations and Femoral Head Fractures." Jun 2021. Lecturer.
288. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Open Fractures." July 2021. Lecturer.
289. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Compartment Syndrome." July 2021. Lecturer.
290. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Polytrauma." July 2021. Lecturer.
291. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Pelvic Fractures." July 2021. Lecturer.
292. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Ballistic Open Fractures." July 2021. Lecturer.
293. University of South Florida Orthopaedic Residents Conference in Tampa, FL. "Combined Orthopaedic and Vascular Injuries." July 2021. Lecturer.
294. University of South Florida Orthopaedic Residents Conference in Tampa, FL. Splinting, Casting, and Reductions of Fractures and Dislocations. July 2021. Lecturer. Lab Instructor.

## Invited Lecturer

### International

1. Hokkaido University AOA Fellows Academic Program in Sapporo, Japan. "Complex Proximal Femoral Nailing - What Can Be Nailed, What Should be Nailed, and Technical Pearls for Success." May 2014.
2. St Marianna University AOA Fellows Academic Program in Yokohama, Japan. "Global Systems of Care: Understanding International. Systems of Health and Trauma Care." May 2014.
3. Junsekei Lecture Meeting at Juntendo University in Yokohama, Japan. "Narcotic use and postoperative doctor shopping in the U.S. orthopaedic trauma population." May 2014.
4. Kanazawa University Orthopaedic Grand Rounds in Kanazawa, Japan. "Global Systems of Care: Understanding International Systems of Health and Trauma Care." May 2014.
5. Kyoto Orthopaedic Seminar at Kyoto University in Kyoto, Japan. "Complex Proximal Femoral Nailing - What Can Be Nailed, What Should be Nailed, and Technical Pearls for Success." May 2014.
6. Nagasaki University AOA Fellows Academic Program in Nagasaki, Japan. "Complex Proximal Femoral Nailing - What Can Be Nailed, What Should be Nailed, and Technical Pearls for Success." May 2014.
7. Royal National Orthopaedic Hospital Scientific Programme in Stanmore, UK. "Pelvic Ring Injury Management – Current State of the Art." April 2019.
8. Royal London Hospital / St. Bartholomew's Hospital Medical College Scientific Programme in London, UK. "Tibial Nailing – Entry Portals and Reduction Techniques." April 2019.
9. Wrightington Hospital Scientific Programme in Wrightington, UK. "Pelvic Ring Injury Management – Current State of the Art." April 2019.
10. Chapel Allerton Hospital / University of Leeds Scientific Programme in Leeds, UK. "Global Systems of Healthcare and Trauma." May 2019.
11. Royal Infirmary of Edinburgh / The University of Edinburgh Scientific Programme in Edinburgh, UK. "The U.S. Opioid Crisis – Impact on Orthopaedic Surgery." May 2019.
12. Northeast NHS Trust Academic Conference at The Riverside Stadium of the Durham County Cricket Club in Newcastle, UK. "Baseball versus Cricket." "Global Systems of Healthcare and Trauma." May 2019.
13. Queens Medical Center / University of Nottingham College of Medicine in Nottingham, UK. "Pelvic Ring Injury Management – Current State of the Art." May 2019.
14. Combined Services Orthopaedic Society / Imperial College of London Centre for Blast Injury Studies in London, UK. "Pelvic Ring Injury Management – Current State of the Art." May 2019.
15. Combined Scientific Meeting of Ipswich and Toowomba Consultants in Brisbane, Australia. "The U.S. Opioid Crisis – Impact on Orthopaedic Surgery." May 2019.
16. Royal Brisbane and Women's Hospital / University of Queensland Center for Clinical Research Scientific Programme in Brisbane, Australia. "Pelvic Ring Injury Management – Current State of the Art." May 2019.
17. Royal Australasian College of Surgeons Scientific Programme in Melbourne, Australia. "Pelvic Ring Injury Management – Current State of the Art." May 2019.
18. New Zealand Orthopaedic Association Continuing Orthopaedic Education Conference in Christchurch, New Zealand. "Global Systems of Healthcare and Trauma." "Pelvic Ring Injury Management – Current State of the Art." May 2019.
19. Smith & Nephew Virtual Symposium in China. "COVID-19: International Hip Fracture Forum." May 2020.
20. OrthoEvidence Podcast with Dr. Mohit Bhandari. "COVID-19: Impact on Orthopaedic Trauma." July 2020.
21. OTA / Insignia Virtual Symposium in India. "Pelvic Ring Stability – The Value of EUA." "Complex Pelvic Cases." "Complex Proximal Femoral Nailing." Aug 2020.
22. AAOS / IOA Conference Virtual Meeting in India. "Complex Proximal Femoral Nailing." Mar 2021.
23. Smith & Nephew Virtual Symposium in China. "Complex Proximal Femur Fractures." Mar 2021.
24. OTA / Insignia Virtual Symposium in India. "Pelvic Ring Stability – The Value of EUA." "Complex Pelvic Cases." "Complex Proximal Femoral Nailing." May 2021.
25. Smith & Nephew Virtual Symposium in China. "Complex Proximal Femur Fractures." May 2021.

## Invited Lecturer (cont.)

### National

26. Marshall University Orthopaedic Grand Rounds in Huntington, WV. "Culturally Competent Care." Apr 2012.
27. Temple University Orthopaedic Grand Rounds in Philadelphia, PA. "Culturally Competent Care." "Subtrochanteric Femur Fractures." Sep 2012.
28. Campbell Clinic "Monday Night Meeting" Grand Rounds in Memphis, TN. "Culturally Competent Care." Trauma case and Topic Review. July 2014.
29. Baylor College of Medicine Orthopaedic Grand Rounds in Houston, TX. "The Opioid Epidemic – Impact on Orthopaedic Surgery." "Complex Proximal Femoral Nailing." September 2014.
30. Beaumont Orthopaedics Grand Rounds in Detroit, MI. "The Opioid Epidemic – Impact on Orthopaedic Surgery." "Complex Proximal Femoral Nailing." February 2015.
31. Willis C. Campbell Club Triennial Meeting in Memphis, TN. "The Opioid Epidemic – Impact on Orthopaedic Surgery." September 2015.
32. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Complex Proximal Femoral Nailing." August 2015.
33. University of Washington Orthopaedic Grand Rounds in Seattle, WA. "The Opioid Epidemic – Impact on Orthopaedic Surgery." January 2016.
34. Harvard University Orthopaedic Grand Rounds in Boston, MA. "Tibial Nailing – Entry Portals and Reduction Techniques." "The Opioid Epidemic – Impact on Orthopaedic Surgery" April 2017.
35. Henry Ford Health System Orthopaedic Grand Rounds in Detroit, MI. "Tibial Nailing – Entry Portals and Reduction Techniques." "The Opioid Epidemic – Impact on Orthopaedic Surgery" December 2017.
36. Philadelphia Orthopaedic Trauma Symposium in Philadelphia, PA. "The Opioid Epidemic – Current Epidemiology and Organizational Responses." Complex Ankle Trauma. June 2018. **Keynote Speaker. Moderator.**
37. New England Orthopaedic Society in Boston, MA. "The Opioid Epidemic – Current Epidemiology and Organizational Responses." "Jedi Mind Tricks for Trauma Patient Satisfaction" "Orthopaedic Urgencies/Emergencies – What Needs to Go at Night" November 2018. **Keynote Speaker.**
38. Louisiana State University Orthopaedic Grand Rounds in New Orleans, LA. "Pelvic Ring Injury Management – Current State of the Art." "The Opioid Epidemic – Impact on Orthopaedic Surgery" August 2019.
39. OTA Fracture Night in America. "Lower Extremity Cases." April 2020.
40. University of Pennsylvania Orthopaedic Grand Rounds in Philadelphia, PA. (Virtual) "Tibial Nailing – Entry Portals and Reduction Techniques." "International Systems of Healthcare and Trauma" May 2020.
41. Beaumont Orthopaedics Grand Rounds in Detroit, MI. "Pelvic Ring Injury Management – Current State of the Art." January 2021.
42. Clinical Orthopaedic Society in Nashville, TN. "The Opioid Epidemic – Current Epidemiology and Organizational Responses." "Tibial Nailing – Entry Portals and Reduction Techniques" November 2021. **Presidential Guest Speaker.**

### Regional

43. Orlando Regional Medical Center Orthopaedic Grand Rounds in Orlando, FL. "The Opioid Epidemic – Impact on Orthopaedic Surgery." "Complex Proximal Femoral Nailing." March 2016.
44. Orlando Regional Medical Center Orthopaedic Grand Rounds in Orlando, FL. "Tibial Nailing – Entry Portals and Reduction Techniques." "International Systems of Health Care and Trauma." December 2016.

## Invited Lecturer (cont.)

### Local

45. Vanderbilt University Orthopaedic Grand Rounds in Nashville, TN. "Business of Orthopaedics 101." Jan 2013.
46. Vanderbilt University Orthopaedic Grand Rounds in Nashville, TN. "Health Policy Review." Jan 2013.
47. Vanderbilt University Orthopaedic Grand Rounds in Nashville, TN. "Culturally Competent Care." May 2013.
48. Vanderbilt University Orthopaedic Grand Rounds in Nashville, TN. "The 2014 AOA/JOA Travelling Fellowship." October 2014.
49. Vanderbilt University Orthopaedic Grand Rounds in Nashville, TN. "ICD-10 and Orthopaedic Surgery." April 2015.
50. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Ankles, Pylons, and Calcs... Oh My!." April 2016.
51. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "The Opioid Epidemic – Impact on Orthopaedic Surgery." July 2016.
52. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Distal Femoral Fractures." August 2016.
53. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Orthopaedic Urgencies." October 2016.
54. University of South Florida Vascular Surgery Grand Rounds in Tampa, FL. "Combined Orthopaedic and Vascular Extremity Injuries." March 2017.
55. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Workers Compensation." June 2017.
56. University of South Florida Orthopaedic Research Day in Tampa, FL. "The 2019 ABC Traveling Fellowship." June 2019.
57. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Pelvic Ring Injury Management – Current State of the Art." June 2019.
58. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Global Systems of Healthcare and Trauma." June 2019.
59. University of South Florida Orthopaedic Grand Rounds in Tampa, FL. "Coding & Billing 101." "Workers Compensation." June 2021.