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PROFESSIONAL

<b>Sept. 2013 – current</b>	<b>University of California, Irvine, Orange, CA</b>
May 2017 – current	Associate Clinical Professor, Department of Orthopaedic Surgery
Aug. 2017 – current	Residency Program Director
April 2016 – current	Chief, Orthopaedic Trauma
April 2016 – Aug. 2017	Associate Residency Program Director
Sept. 2013 – May 2017	Assistant Clinical Professor, Department of Orthopaedic Surgery

BOARD MEMBERSHIP

<b>Jan. 2020 – Jan. 2023</b>	<b>Foundation for Orthopaedic Trauma</b>
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POSTGRADUATE TRAINING

<b>Aug. 2012 – July 2013</b>	<b>Harborview Medical Center, Seattle, WA</b> Advanced Clinical Experience – Orthopaedic Trauma, Department of Orthopaedics and Sports Medicine
<b>March 2012</b>	<b>Medizinische Hochschule Hannover, Hannover, Germany</b> Visiting Trauma Fellow, Department of Orthopaedics and Trauma (Prof. Christian Krettek)
<b>June 2007 – June 2012</b>	<b>University of Pennsylvania, Philadelphia, PA</b> Resident, Department of Orthopaedic Surgery

EDUCATION

<b>Sept. 2003 – May 2007</b>	<b>Boston University School of Medicine, Boston, MA</b> Doctor of Medicine – May 2007
<b>Sept. 2001 – May 2003</b>	<b>Boston University School of Medicine, Boston, MA</b> Master of Arts, Medical Sciences
<b>Sept. 1997 – May 2001</b>	<b>University of Notre Dame, Notre Dame, IN</b> Bachelor of Science, Science Pre-Professional Studies

## GRANTS AWARDED

1. 2021 – 2022 Lai W, **Scolaro JA**. Biomechanical Evaluation of Plate – Nail Fixation Constructs in Proximal Tibia Fractures. Foundation for Orthopaedic Trauma - \$10,000
2. 2020 – 2021 Chin G, **Scolaro JA**. Does Cannabinoid Therapy Reduce Opioid Consumption After Fracture Surgery? Orthopaedic Research and Education Foundation - \$5,000.
3. 2020 – 2022 Chin G, **Scolaro JA**. Effect of Palmitoylethanolamide on reducing Opioid Consumption for Postoperative Pain and Inflammation Following Below Knee Fracture. AO North America - \$10,000.
4. 2018 – 2019 Wright D, Lee TQ, **Scolaro JA**. Supplemental Fixation of Supracondylar Distal Femur Fractures: A Biomechanical Comparison Between Dual Plating and Combined Plate-nail Fixation Techniques. AO North America - \$10,000.
5. 2018 – 2020 Patel N, Lee TQ, **Scolaro JA**. Novel Biomechanical Model Assessing Four-Part Proximal Humerus Fractures. Foundation for Orthopaedic Trauma - \$12,300.
6. 2018 – 2019 Patel N, Lee TQ, **Scolaro JA**. Optimal Fixation for Capitellar Shear Fractures in the Setting of Intra-articular Distal Humerus Fractures: A Biomechanical Study. AO North America - \$10,000.
7. 2015 – 2017 Lu Y, **Scolaro JA**. Laser Assisted Indocyanine Green Angiography as an Adjunct in the Evaluation of Skin and Soft Tissue in Closed Distal Plafond Fractures. Orthopaedic Trauma Association - \$20,000
8. 2014 – 2015 Jain N, **Scolaro JA**, Schwarzkopf R. iPad Digital Video Review for Improvement of Resident Education of Closed Reduction of Fractures. OMeGA Medical Grants Association - \$3,000
9. 2014 - 2016 **Scolaro JA**, Bui C, Lee T. Biomechanical Evaluation of Fixation Strategies for Vertically Oriented Femoral Neck Fractures in a Clinically Relevant Model. Foundation for Orthopaedic Trauma - \$15,000

## BOOKS/PUBLICATIONS EDITED

1. **Scolaro JA**. Module: Hip Fractures on Call. AAOS Surgical Insights: Trauma. Online: 2021

2. Marecek GS, **Scolaro JA**. Management Strategies for the Anterior Pelvic Ring. J Orthop Trauma. 32 (9), September 2018.
3. **Scolaro JA**, Donegan DJ, Mir H. Distal Tibia Fractures: Current Nail and Ring Fixation Strategies. J Orthop Trauma. 30 (4), November 2016.

#### BOOK CHAPTERS

1. **Scolaro JA**. Clamshell Osteotomy and Retrograde PRECISE Lengthening, in: Limb Lengthening and Reconstruction Surgery Case Atlas. Bernstein M. (Ed.). Springer 2022. 2<sup>nd</sup> Ed. [invited].
2. **Scolaro JA**. Compression Distraction at Malaligned Nonunion Using PRECISE, in: Limb Lengthening and Reconstruction Surgery Case Atlas. Bernstein M. (Ed.). Springer 2022. 2<sup>nd</sup> Ed. [invited].
3. **Scolaro JA**, Trompeter A. Chapter 12 – Infection Prophylaxis During and After Fracture Surgery. AAOS Orthopaedic Knowledge Update 6. American Academy of Orthopaedic Surgeons 2022 [submitted – in production].
4. **Scolaro JA**, Chapter 38 – Acetabulum Fractures: Definitive Treatment and Outcomes. American Academy of Orthopaedic Surgeons Resident Curriculum. 2021 [submitted – in production].
5. **Scolaro JA**, Doermann A. Open Reduction and Internal Fixation of Scapular Fractures, in: Operative Techniques in Orthopaedic Surgery. Williams G, Ramsey M, Weisel B, Namdari S. (Eds.). Wolters Kluwer/Lippincott Williams & Wilkins 2021. 3rd Ed. [submitted – in production].
6. Wright D, Etiz B, **Scolaro JA**. Plating and Nailing of Femur and Tibia Fractures, in: Synopsis of Knee Surgery. Lee GC (Ed.). Thieme 2021. 1st Ed. [submitted – in production].
7. Patel NA, **Scolaro JA**. Fractures of the Elbow, in: The Foundations of Shoulder and Elbow Surgery. Namdari S, Zmistowski B, Omid R (Eds). Slack 2020. 1st Ed.
8. **Scolaro JA**. Hip Dislocations and Femoral Head Fractures, in: AAOS Comprehensive Orthopaedic Review. Lieberman (Ed.). AAOA 2019. 2nd Ed.
9. Kenanidis E, Tsiridis E, Necas L, Rovnak M, Buttaro M, **Scolaro JA**, Schwarzkopf R, Statz J, Ledford C, Trousdale R. Periprosthetic Femoral Fractures (PFF), in: The Adult Hip – Master Case Series and Techniques. Tsiridis E (Ed.). Springer 2018. 1st Ed.
10. **Scolaro JA**, Spitler C. Antibiotic Impregnated Cement Coated Plates and Nails, in: Harborview Illustrated Tips and Tricks in Fracture Surgery. Henley MB, Githens MF, Gardner MJ (Eds.). Wolters Kluwer/Lippincott Williams & Wilkins 2018. 2nd Ed.

11. **Scolaro JA**, Esterhai J. Fractures of the Distal Femur, in: Fractures in the Elderly: A Guide to Practical Management. Pignolo RJ, Ahn J (Eds.). Springer 2018. 2nd Ed.
12. **Scolaro JA**. Hip Fractures in the Young Patient, in: Let's Discuss: Hip Fractures—Including Osteoporosis. Marecek GS, Bukata S (Eds.). American Academy of Orthopaedic Surgeons 2017. 1st Ed.
13. Sampathi B, **Scolaro JA**. Tibial Plateau Fractures, in: Illustrated Tips and Tricks in Intraoperative Imaging in Orthopaedic Trauma. Gardner M, Mamczak C, Smith C (Eds.). Lippincott 2017. 1<sup>st</sup> Ed. 227-40.
14. **Scolaro JA**, Taylor R. Orthopaedic Trauma, in: Orthopaedic Secrets. Namdari S, Pill S, Mehta S (Eds.). Elsevier 2014. 4th Ed. 381-442.
15. **Scolaro JA**, Lee GC. Tibial Plateau Fractures, in: Fractures in the Elderly: A Guide to Practical Management. Pignolo RJ, Keenan MA, Hebel NM (Eds.). Springer 2011. 1st Ed. 269-82.
16. **Scolaro JA**, Mehta S. Tibial Shaft Fractures – Infection, Nonunion and Malunion, in: Prevention and Management of Common Fracture Complications. Archdeacon M, Anglen J, Ostrum R, Herscovici D (Eds.). Slack 2011. 1st Ed. 265-77.

#### PEER REVIEWED PUBLICATIONS

1. **Scolaro J**, Agel J, Marmor M, Dumpe J, Karam M, Kellam J, Meinberg E, Munz J, Nguyen M, Soles G, Stinner D, Marecek GS. Adaptation of the CDC Surgical Wound Classification System for Orthopaedic Trauma Surgery. J Orthop Trauma. [accepted for publication].
2. Bulstra AEJ, Crijns TJ, Janssen SJ, Buijze GA, Ring D, Jaarsma RL, Kerkhoffs GMMJ, Obdeijn MC, Doornberg JN; **Science of Variation Group**. Factors associated with surgeon recommendation for additional cast immobilization of a CT-verified nondisplaced scaphoid waist fracture. Arch Orthop Trauma Surg. 2021 Jul 24. [EPub ahead of print]
3. Wright DJ, Etiz B, **Scolaro JA**. Combined Plate and Nail Fixation of Bicondylar Tibial Plateau Fractures. Injury. 2021 Jul 9:S0020-1383(21)00615-X. [EPub ahead of print].
4. Chin G, Etiz B, Nelson A, Lim P, **Scolaro JA**. Cannabinoids in Pain Management Following Orthopaedic Surgery. Orthopaedics. 2021. [Accepted for Publication].
5. Yeung BG, Ma MW, **Scolaro JA**, Nelson AM. Cannabis Exposure Decreases Need for Blood Pressure Support During General Anesthesia in Orthopedic Trauma Surgery. Cannabis Cannabinoid Res. 2021 Jul 5. [EPub ahead of print].
6. Chalmers C, Wright DJ, Patel N, Hitchens H, McGarry M, Lee T, **Scolaro JA**. Muscular

- forces responsible for proximal humeral deformity following fracture. *J Orthop Trauma*. 2021 May 14. [Epub ahead of print].
7. Chin G, Etiz B, Nelson A, Lim P, **Scolaro JA**. Knowledge and Opinion on Cannabinoids Among Orthopaedic Traumatologists. *J Am Acad Orthop Surg Glob Res Rev*. 2021 Apr 19;5(4):e21.00047.
  8. Sepehri A, Slobogean G, McKegg, P, Rudnicki J, O'Hara N, O'Toole RV, Sciadini M, LeBrun C, Nascone J, Johnson A, Gitajn I, Elliott J, **Scolaro JA**, Pensy RA. Assessing Soft Tissue Perfusion Using Laser-Assisted Angiography in Tibial Plateau and Pilon Fractures: A Pilot Study. *J Orthop Trauma*. 2021. [Accepted for publication].
  9. Telis AL, Tucker DW, Compton E, DeSanto DJ, Carney JJ, **Scolaro JA**, Marecek GS, Lee AK. Treatment of tibial plateau fractures with a novel fenestrated screw system for delivery of bone graft substitute. *Eur J Orthop Surg Traumatol*. 2021 Jan 24.[Epub ahead of print].
  10. Wright DJ, Patel N, McGarry M, Lee TQ, **Scolaro JA**. Optimal Fixation of the Capitellar Fragment in Distal Humerus Fractures. *J Orthop Trauma*. 2020 Nov 25 [Epub ahead of print].
  11. Jung J, Haratian R, Bernstein M, Little M, Marecek G, **Scolaro J**. Techniques for Management of Hyperextension Bicondylar Tibial Plateau Fractures. *Injury*. 2021 Apr;52(4):1069-1073.
  12. Alpert M, Learned J, **Scolaro JA**, Nahmias J. Fat Embolism Syndrome in Blunt Trauma Patients with Extremity Fractures. *J Orthop*. 2020 Sep 6;21:475-480.
  13. **Scolaro JA**, Mark BJ. Monofocal Compression-distraction Osteosynthesis in a Distal Femoral Nonunion Using a Magnetic Medullary Nail: A Case Report. *JBJS Case Connect*. 2020 Jul-Sep;10(3):e2000124.
  14. Gitajn IL, Slobogean GP, Henderson ER, von Keudell AG, Harris MB, **Scolaro JA**, O'Hara NN, Elliott JT, Pogue BW, Jiang S. Perspective on optical imaging for functional assessment in musculoskeletal extremity trauma surgery. *J Biomed Opt*. 2020 Aug;25(8):080601.
  15. Le R, Anderson A, Chalmers C, **Scolaro JA**, Lee Y, Bhatia N. Major Orthopaedic Conference Abstract Publication: An Analysis of Abstracts Accepted for the AAOS Annual Meetings Between 2014-2017. *J Am Acad Orthop Surg*. 2021 Jun 15;29(12):e601-e608.
  16. Tay E, Grigorian A, Schubl SD, Lekawa M, de Virgilio C, **Scolaro J**, Kabutey NK, Nahmias J. Brachial Plexus Injury Significantly Increases Risk of Axillosubclavian

Vessel Injury in Blunt Trauma Patients With Clavicle Fractures. *Am Surg.* 2020 Nov 10;3134820952832.

17. MacDonald DRW, Neilly D, Schneider PS, Bzovsky S, Sprague S, Axelrod D, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Schemitsch EH, Stevenson IM; FAITH Investigators; **HEALTH Investigators**. Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S70-S75.
18. DeAngelis RD, Minutillo GT, Stein MK, Schemitsch EH, Bzovsky S, Sprague S, Bhandari M, Donegan DJ, Mehta S; **HEALTH Investigators**. Who Did the Arthroplasty? Hip Fracture Surgery Reoperation Rates are Not Affected by Type of Training-An Analysis of the HEALTH Database. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S64-S69.
19. Noori A, Sprague S, Bzovsky S, Schemitsch EH, Poolman RW, Frihagen F, Axelrod D, Heels-Ansdell D, Bhandari M, Busse JW; **HEALTH Investigators**. Predictors of Long-Term Pain After Hip Arthroplasty in Patients With Femoral Neck Fractures: A Cohort Study. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S55-S63.
20. Blankstein M, Schemitsch EH, Bzovsky S, Poolman RW, Frihagen F, Axelrod D, Heels-Ansdell D, Bhandari M, Sprague S, Schottel PC; **HEALTH Investigators**. What Factors Increase Revision Surgery Risk When Treating Displaced Femoral Neck Fractures With Arthroplasty: A Secondary Analysis of the HEALTH Trial. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S49-S54.
21. Neilly D, MacDonald DRW, Sprague S, Bzovsky S, Axelrod D, Poolman RW, Frihagen F, Heels-Ansdell D, Bhandari M, Schemitsch EH, Stevenson IM; **HEALTH Investigators**. Predictors of Medical Serious Adverse Events in Hip Fracture Patients Treated With Arthroplasty. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S42-S48.
22. Axelrod D, Tarride JÉ, Ekhtiari S, Blackhouse G, Johal H, Bzovsky S, Schemitsch EH, Heels-Ansdell D, Bhandari M, Sprague S; **HEALTH Investigators**. Is Total Hip Arthroplasty a Cost-Effective Option for Management of Displaced Femoral Neck Fractures? A Trial-Based Analysis of the HEALTH Study. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S37-S41.
23. Axelrod D, Comeau-Gauthier M, Bzovsky S, Schemitsch EH, Poolman RW, Frihagen F, Guerra-Farfán E, Heels-Ansdell D, Bhandari M, Sprague S; **HEALTH Investigators**. What Predicts Health-Related Quality of Life for Patients With Displaced Femoral Neck Fractures Managed With Arthroplasty? A Secondary Analysis of the HEALTH Trial. *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S29-S36.
24. Sivaratnam S, Comeau-Gauthier M, Sprague S, Schemitsch EH, Poolman RW, Frihagen

- F, Bhandari M, Swiontkowski M, Bzovsky S; FAITH Investigators; **HEALTH Investigators**. Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S22-S28.
25. Bzovsky S, Comeau-Gauthier M, Schemitsch EH, Swiontkowski M, Heels-Ansdell D, Frihagen F, Bhandari M, Sprague S; FAITH Investigators; **HEALTH Investigators**. Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S15-S21.
26. Afaq S, O'Hara NN, Schemitsch EH, Bzovsky S, Sprague S, Poolman RW, Frihagen F, Heels-Ansdell D, Bhandari M, Swiontkowski M, Slobogean GP; FAITH Investigators; **HEALTH Investigators**. Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S9-S14.
27. Blankstein M, Schemitsch EH, Bzovsky S, Axelrod D, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Sprague S, Schottel PC; FAITH Investigators; **HEALTH Investigators**. The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations? *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S1-S8.
28. FAITH Investigators; **HEALTH Investigators**. Study Summaries. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:Sii-Siii.
29. Wright DJ, Bui CN, Ihn HE, McGarry MH, Lee TQ, **Scolaro JA**. Posterior Inferior Comminution Significantly Influences Torque to Failure in Vertically Oriented Femoral Neck Fractures: A Biomechanical Study. *J Orthop Trauma*. 2020 May 23 [Epub ahead of print].
30. Campbell ST, Lim PK, Kantor AH, Gausden EB, Goodnough LH, Park AY, Bishop JA, Achor TS, **Scolaro JA**, Gardner MJ. Complication Rates after Lateral Plate Fixation of Periprosthetic Distal Femur Fractures: A Multicenter Study. *Injury*. 2020 Aug;51(8):1858-1862.
31. Lim PK, Ahn JA, **Scolaro JA**. Venous Thromboembolism Prophylaxis Following Pelvic and Acetabular Fractures: A Survey of Orthopaedic Surgeons' Current Practices. *J Am Acad Orthop Surg*. 2020 Sep 15;28(18):750-755.
32. Wright DJ, DeSanto DJ, McGarry MH, Lee TQ, **Scolaro JA**. Supplemental Fixation of Supracondylar Distal Femur Fractures: A Biomechanical Comparison of Dual-Plate and Plate-Nail Constructs. *J Orthop Trauma*. 2020 Aug;34(8):434-440.
33. Kleweno CP, **Scolaro JA**, Sciadini MF, McAlister I, Shannon SF, Chip Routt ML. Management of Pelvic Fractures. *Instr Course Lect*. 2020;69:489-506.

34. **HEALTH Investigators**, Bhandari M, Einhorn TA, Guyatt G, Schemitsch EH, Zura RD, Sprague S, Frihagen F, Guerra-Farfán E, Kleinlugtenbelt YV, Poolman RW, Rangan A, Bzovsky S, Heels-Ansdell D, Thabane L, Walter SD, Devereaux PJ. Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. *N Engl J Med*. 2019 Dec 5;381(23):2199-2208.
35. Grigorian A, Schubl S, **Scolaro JA**, Jasperse N, Gabriel V, Hu A, Petrosian G, Joe V, Nahmias J. No increased risk of acute osteomyelitis associated with closed or open long bone shaft fracture. *J Clin Orthop Trauma*. 2019 Oct;10(Suppl 1):S133-S138.
36. Lim PK, Sampathi B, Moroski NM, **Scolaro JA**. Acute Femoral Shortening for Reconstruction of a Complex Lower Extremity Crush Injury: A Case Report. *Strategies Trauma Limb Reconstr*. 2018 Nov;13(3):185-189.
37. Lim PK, Stephenson GS, Keown TW, Byrne C, Lin CC, Marecek GS, **Scolaro JA**. Use of 3D Printed Models in Resident Education for the Classification of Acetabular Fractures. *J Surg Educ*. 2018 Jun 18. pii: S1931-7204(17)30789-4.
38. Bui, CN, Learned JR, **Scolaro JA**. Treatment of Patella Fractures and Injuries to the Extensor Mechanism of the Knee: A Critical Analysis Review. *JBJS Rev*. 2018 Oct;6(10):e1.
39. Marecek GS, **Scolaro JA**. Anterior Pelvic Ring: Evaluation and Management. *J Orthop Trauma*. 2018 Sep;32 Suppl 6:S1-S3.
40. Moore T, Sampathi B, Zamorano DP, Tynan MC, **Scolaro JA**. Fixed Angle Plate Fixation of Comminuted Patellar Fractures. *Injury*. 2018 Jun;49(6):1203-1207.
41. Marecek GS, Nicholson LT, Broghammer FH, Talerico M, Tougas C, Donegan DJ, **Scolaro JA**. Risk of Knee Sepsis Following Treatment of Open Tibia Fractures: A Multicenter Comparison of Suprapatellar and Infrapatellar Approaches. *J Orthop Trauma*. 2018 Feb;32(2):88-92.
42. **Scolaro JA**, Shatsky JB, Barei DP. Reconstruction of clavicular nonunion with bone loss utilizing the induced membrane technique. *Int J Shoulder Surg*. 2017 [accepted for publication].
43. Wasterlain AS, Melamed E, Bello R, Karia R, Capo JT; **Science of Variation Group**. The Effect of Price on Surgeons' Choice of Implants: A Randomized Controlled Survey. *J Hand Surg Am*. 2017. *J Hand Surg Am*. 2017 Aug;42(8):593-601.e6.
44. Haller JM, Githens M, **Scolaro J**, Firoozabadi R. Does provisional plating of closed tibia fractures have higher complication rates? *J Orthop Trauma*. 2017 Oct;31(10):554-558.



45. Firoozabadi R, Little M, Alton T, **Scolaro J**, Agel J, Kogut M. Does Pelvic Embolization Increase Infection Rates in Patients Who Undergo Open Treatment of Acetabular Fractures? *J Orthop Trauma*. 2017 Apr;31(4):185-188.
46. **Scolaro JA**, Schwarzkopf R. Orthopaedic Advances: Treatment of Interprosthetic Femoral Fractures. *J Am Acad Orthop Surg*. 2017 Apr;25(4):e63-e69.
47. **Scolaro JA**, Marecek G, Firoozabadi R, Krieg JC, Routt ML. Management and radiographic outcomes of femoral head fractures. *J Orthop Traumatol*. 2017 Sep;18(3):235-241.
48. Jain NS, Schwarzkopf R, **Scolaro JA**. Video Review as a Tool to Improve Orthopedic Residents' Performance of Closed Manipulative Reductions. *J Surg Educ*. 2017 Jul - Aug;74(4):663-667.
49. **Scolaro JA**, Brohgammer FH, Donegan DJ. Intramedullary Tibial Nail Fixation of Simple Intra-articular Distal Tibia Fractures. *J Orthop Trauma*. 2016 Nov;30 Suppl 4:S12-S16.
50. **Scolaro JA**, Donegan DJ, Mir HR. Introduction - Distal Tibia Fractures: Current Nail and Ring Fixation Strategies. *J Orthop Trauma*. 2016 Nov;30 Suppl 4:S1.
51. **Scolaro JA**, Chao T, Zamorano DP. Orthopaedic Advances: The Morel-Lavallée Lesion - Diagnosis and Management. *J Am Acad Orthop Surg*. 2016 Oct;24(10):667-72.
52. **Scolaro JA**, Firoozabadi R, Routt ML. Treatment of pediatric and adolescent pelvic ring injuries with percutaneous screw placement. *J Pediatr Orthop*. 2018 Mar;38(3):133-137.
53. Jain NS, Lopez GD, Bederman SS, Wirth GA, **Scolaro JA**. Surgical Management of Complex Lower Extremity Trauma with a Long Hindfoot Fusion Nail: A Case Report. *Foot Ankle Spec*. 2016 Aug;9(4):354-60.
54. **Scolaro JA**, Mehta S. Stabilisation of infected peri-articular nonunions with an antibiotic impregnated cement coated locking plate: Technique and indications. *Injury*. 2016 Jun;47(6):1353-1356.
55. Burgers PT, Hoogendoorn M, Van Woensel EA, Poolman RW, Bhandari M, Patka P, Van Lieshout EM; **HEALTH Trial Investigators**. Total medical costs of treating femoral neck fracture patients with hemi- or total hip arthroplasty: a cost analysis of a multicenter prospective study. *Osteoporos Int*. 2016 Jun;27(6):1999-2008.
56. Hsu AR, **Scolaro JA**. Posteromedial Approach for Open Reduction and Internal Fixation of Talar Process Fractures. *Foot Ankle Int*. 2016 Apr;37(4):446-52.
57. **Scolaro JA**, Zamorano DP. Sacral Insufficiency Fractures. *Curr Orthop Pract*. 2016 Jan;27(1):36-40.
58. Marecek GS, **Scolaro JA**, Routt ML Jr. Femoral Head Fractures. *JBJS Rev*. 2015 Nov

3;3(11).

59. **Scolaro JA**, Roberts ZV, Benirschke SK, Barei DP. Open Surgical Management of High Energy Ipsilateral Fractures of the Fibula and Calcaneus. *Foot Ankle Surg.* 2015 Sep;21(3):182-6.
60. **Scolaro JA**, Wilson DJ, Routt ML, Firoozabadi R. Use of the initial trauma CT scan to aid in diagnosis of open pelvic fractures. *Injury.* 2015 Oct;46(10):1999-2002.
61. Burgers PT, Poolman RW, Van Bakel TM, Tuinebreijer WE, Zielinski SM, Bhandari M, Patka P, Van Lieshout EM; **HEALTH and FAITH Trial Investigators**. Reliability, validity, and responsiveness of the Western Ontario and McMaster Universities Osteoarthritis Index for elderly patients with a femoral neck fracture. *J Bone Joint Surg Am.* 2015 May 6;97(9):751-7.
62. **Scolaro JA**, Routt ML. Percutaneous fixation of a hypertrophic nonunion of the inferior pubic ramus – A report of two cases and surgical technique. *Am J Orthop.* 2015 May;44(5):206-209.
63. Sullivan MP, **Scolaro JA**, Milby AH, Mehta S. Isolated pelvic ring injuries: functional outcomes following percutaneous, posterior fixation. *Eur J Orthop Surg Traumatol.* 2015 Aug;25(6):1025-30.
64. Bhandari M, Devereaux PJ, Einhorn TA, Thabane L, Schemitsch EH, Koval KJ, Frihagen F, Poolman RW, Tetsworth K, Guerra-Farfán E, Madden K, Sprague S, Guyatt G; **HEALTH Investigators**. Hip fracture evaluation with alternatives of total hip arthroplasty versus hemiarthroplasty (HEALTH): protocol for a multicentre randomised trial. *BMJ Open.* 2015 Feb 13;5(2):e006263.
65. Shah RP, **Scolaro JA**, Componovo R, Garino JP, Nelson CL, Lee GC. Functional Recovery Following Ceramic-on-Ceramic Total Hip Arthroplasty in Patients Younger than Fifty-Five Years of Age. *J Orthop Surg (Hong Kong).* 2014 Dec;22(3):338-41.
66. **Scolaro JA**, Taylor RM, Wigner NA. Orthopaedic Advances: Venous Thromboembolism in Orthopaedic Trauma. *J Am Acad Orthop Surg.* 2015 Jan;23(1):1-6.
67. **Scolaro JA**, Marecek G, Barei DP. Management of Syndesmotic Disruption in Ankle Fractures: A Critical Analysis Review. *JBJS Rev.* 2014 Dec 23;2(12).
68. **Scolaro JA**, Hsu J, Svach D, Mehta S. Plate Selection for Fixation of Extra-Articular Distal Humerus Fractures: A Biomechanical Comparison of Three Different Implants. *Injury.* 2014 Dec;45(12):2040-4.
69. Adams MR, **Scolaro JA**, Routt ML Jr. The Pubic Midline Exposure for Symphyseal Open Reduction and Plate Fixation. *J Orthop Traumatol.* 2014 Sep;15(3):195-9.
70. Courtney PM, Taylor R, **Scolaro J**, Donegan D, Mehta S. Displaced inferior ramus fractures as a marker for posterior pelvic injury. *Arch Orthop Trauma Surg.* 2014 Jul;134(7):935-9.

71. **Scolaro JA**, Zamorano DP. Management after Failed Treatment of Ankle Fracture. *Curr Orthop Pract.* 2014 May;25(3):221-26.
72. **Scolaro JA**, Schenker M, Yannascoli S, Baldwin K, Mehta S, Ahn J. Cigarette Smoking Increases Complications Following Fracture: A Systematic Review. *J Bone Joint Surg Am*, 2014 Apr 16;96(8):674-681.
73. **Scolaro JA**, Lackman RD. Surgical Treatment of Pathologic Fractures: Principles and Techniques. *J Am Acad Orthop Surg.* 2014 Feb;22(2):90-100.
74. **Scolaro JA**, Voleti P, Makani A, Namdari S, Mirza A, Mehta S. Surgical Fixation of extra-articular distal humerus fractures with a posterolateral plate through a triceps reflecting technique. *J Shoulder Elbow Surg.* 2014 Feb;23(2):251-7.
75. **Scolaro JA**, Beingessner D. Management of Monteggia and Transolecranon Fracture-Dislocations of the Elbow: A Critical Analysis Review. *JBJS Rev.* 2014 Jan 21;2(1).
76. Maroto MD, **Scolaro JA**, Henley MB, Dunbar RP. Management and incidence of tibial tubercle fractures in bicondylar fractures of the tibial plateau. *Bone Joint J.* 2013 Dec 1;95-B(12):1697-702.
77. Beingessner DM, **Scolaro JA**, Orec RJ, Nork SE, Barei DP. Open Reduction and Intramedullary Stabilization of Subtrochanteric Femur Fractures: a Retrospective Study of 56 Cases. *Injury.* 2013 Dec;44(12):1910-5.
78. **Scolaro JA**, Routt ML Jr. Reduction of osteoarticular impaction in acetabular fractures through an independent cortical window. *Injury.* 2013 Dec;44(12):1959-64.
79. **Scolaro JA**, Endress C, Mehta S. Prevention of Anterior Distal Femoral Breach During Placement of an Antegrade Intramedullary Nail using Multiple Steinman Pins: Technique and Indication. *Orthopedics.* 2013 Sep;36(9):688-92.
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81. **Scolaro JA**, Routt ML. Corrections of initially misdirected cannulated pelvic screws and fracture malalignment using a bent 2.0mm guidewire: Technique and Indications. *Arch Orthop Trauma Surg.* 2013 Jul;133(7):883-7.
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Two Cases. *Orthopedics*. 2013 Jan 1;36(1):117-20.

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87. Donegan D, **Scolaro J**, Matuszewski P, Mehta S. Staged Bone Grafting Following Placement of an Antibiotic Spacer Block for the Management of Segmental Long Bone Defects. *Orthopedics*. 2011 Nov 9;34(11):e730-5.
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89. **Scolaro J**, Ahn J. In Brief: Pilon Fractures *Clin Orthop Relat Res*. 2011 Feb;469(2):621-3.
90. **Scolaro J**, Ahn J, Mehta S. In Brief: Lisfranc Fracture Dislocations. *Clin Orthop Relat Res*. 2011 Jul;469(7):2078-80.
91. **Scolaro JA**, Sheth NP; Garino JP. Alternative Bearings in Total Knee Arthroplasty. *Curr Orthop Pract*. 2009 Jan;20(1):51-57.
92. Handy DE, Hang G, **Scolaro J**, Metes N, Razaq N, Yang Y, Loscalzo J. Aminoglycosides decrease glutathione peroxidase-1 activity by interfering with selenocysteine incorporation. *J Biol Chem*. 2006 Feb 10;281(6):3382-8.
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#### NON-PEER REVIEWED PUBLICATIONS

1. **Scolaro JA**. Treatment of Segmental Femoral Nonunion/Malunion with Mini-Fragment Plate Fixation and Revision Cephalomedullary Nail. Case Report: *J Orthop Trauma*. 2018 April. [https://journals.lww.com/jorthotrauma/Documents/JOT9327\\_PM\\_3.16.pdf](https://journals.lww.com/jorthotrauma/Documents/JOT9327_PM_3.16.pdf)
2. Courtney PM, Taylor R, **Scolaro J**, Donegan D, Mehta S. Displaced inferior ramus fractures as a marker for posterior pelvic injury. *U Penn Ortho J*. 2014;(24):65-67.
3. Shah RP, **Scolaro JA**, Componovo R, Garino JP, Nelson CL, Lee GC. Functional

Recovery Following Ceramic-on-Ceramic Total Hip Arthroplasty in Patients Younger than Fifty-Five Years of Age. *U Penn Ortho J.* 2013;(23):49-52.

4. Schenker M, **Scolaro JA**, Yannascoli S, Baldwin K, Mehta S, Ahn J. Blowing Smoke: A Meta-Analysis of the Effects of Smoking on Fracture Healing and Post-Operative Infection. *U Penn Ortho J.* 2013;(23):62-63.
5. **Scolaro JA**, Ahn J. Locked Plating: Indications and Current Concepts. *U Penn Ortho J.* 2011;(21):18-22.
6. **Scolaro J**, Bernstein J, Ahn J. In Brief: Patellar Fractures *Clin Orthop Relat Res.* 2011 Apr;469(4):1213-5. Scolaro JA, Kelly JD 4th. The Throwers Shoulder. *U Penn Ortho J.* 2010;(20):53-57.
7. **Scolaro JA**, Mehta S. Femoral Neck Fractures in the Physiologically Young. *U Penn Ortho J.* 2010;(20):5-10.
8. **Scolaro JA**, Mehta S. An Update on the Management of Fractures of the Os Calcis. *U Penn Ortho J.* 2010;(20):92-96.
9. **Scolaro JA**, Matzon JL, Mehta S. Tips and Techniques: Surgical Fixation of Extra-articular Distal Humerus Fractures with a Posterolateral Locking Compression Plate (LCP). *U Penn Ortho J.* 2009;(19):103-108.
10. **Scolaro JA**, Mehta S. Roundtable Discussion: The Operative Management of Pertrochanteric Femur Fractures (Milton L “Chip” Routt Jr MD and Adam J. Starr MD). *U Penn Ortho J.* 2009;(19):109-115.

#### SCIENTIFIC POSTERS

1. Sepehri A, Slobogean G, McKegg, P, Rudnicki J, O’Hara N, O’Toole RV, Sciadini M, LeBrun C, Nascone J, Johnson A, Gitajn I, Elliott J, **Scolaro JA**, Pensy RA. Objective Skin Perfusion Measurements Using Fluorescence Imaging Correlates with the Tscherné Classification for Severity of Soft Tissue Injury in Tibia Fractures. Orthopaedic Trauma Association. Nashville, TN – October, 2020 (virtual).
2. Wright D, Etiz, B, Lin C, **Scolaro JA**. Combined Plate-Nail Fixation of Intra-articular Proximal Third Tibia Fractures [Digital]. Orthopaedic Trauma Association. Nashville, TN – October, 2020 (virtual).
3. Gitajn L, Jiang S, Henderson E, Slobogean G, O’Hara N, **Scolaro JA**, Pogue B, Elliott J. Optimizing Debridement Using ICG-Based Fluorescence Imaging [Digital]. Orthopaedic Trauma Association. Nashville, TN – October, 2020 (virtual).
4. Sepehri A, Slobogean G, Gitajn I, **Scolaro JA**, Elliott J, O’Hara N, Rudnicki J, McKegg, P, Pensy R. Fluorescence Imaging-Guided Surgery: Using Objective Skin Perfusion Measures to Guide Management in High-Risk Periarticular Tibia Fractures [Digital].

Orthopaedic Trauma Association. Nashville, TN – October, 2020 (virtual).

5. Collinge C, Mir H, Archdeacon M, Beltran M, Gardner M, Tornetta P, **Scolaro JA**, et al. Outcomes of Fifty-one Femoral Neck Fractures in Young Adults Treated with a “Medial” Buttress Plate to Augment Traditional Fixation. Orthopaedic Trauma Association. Nashville, TN – October, 2020 (virtual).
6. **Scolaro JA**. Femoral Monofocal Sequential Compression–distraction Osteosynthesis Following Closing Wedge Osteotomy using a Magnetically–controlled Intramedullary Nail: A Case Report [Digital]. Limb Lengthening and Reconstruction Society. June 2020 (virtual).
7. Telis A, Compton E, DeSanto DJ, Carney J, **Scolaro JA**, Marecek GS, Lee A. Treatment of Tibial Plateau Fractures with a Novel Fenestrated Screw System for Delivery of Bone Graft Substitute [Digital]. Orthopaedic Trauma Association. Denver, CO – September, 2019.
8. Lim, PK, Ahn JA, **Scolaro JA**. Venous Thromboembolism Prophylaxis Following Pelvic and Acetabular Injuries: A Survey of Orthopaedic Surgeons’ Current Practices. American Orthopaedic Association. San Diego, CA – June 2019.
9. **Scolaro JA**, Bui CN, Ihn HE, McGarry MH, Lee TQ. Evaluation of Vertically Oriented Femoral Neck Fracture Fixation in a Clinically Relevant Biomechanical Model. Orthopaedic Trauma Association. Vancouver, BC – 2017.
10. Stephenson GS, Lim PK, Keown TW, Byrne C, Lin CC, Marecek GS, **Scolaro JA**. Use of 3D Printed Models to Improve Acetabulum Fracture Identification. Western Orthopaedic Association. Kauai, HI. August 2017.
11. Haller J, Githens M, **Scolaro JA**, Firoozabadi R. Is Provisional Plating of Closed Tibia Fractures Associated with More Complications? American Academy of Orthopaedic Surgeons. San Diego, CA. March 2017.
12. Nicholson L, Broghammer FH, Tougas C, Talerico M, Donegan D, **Scolaro JA**, Marecek GS. Risk of Knee Sepsis Following Suprapatellar Versus Infrapatellar Medullary Nailing of Open Tibia Fractures. American Orthopaedic Association. Charlotte, NC – June 2017.
13. Jain N, Schwarzkopf R, **Scolaro JA**. iPad Digital Video Review for Improvement of Resident Education and Competence during Closed Reduction of Fractures. American Orthopaedic Association. Seattle, WA – 2016.
14. Little M, Alton T, Kogut M, **Scolaro JA**, Firoozabadi R. Does Pelvic Embolization Increase Infection Rates in Patients Who Undergo Open Treatment of Acetabular Fractures? Orthopaedic Trauma Association. San Diego, CA – 2015.
15. **Scolaro JA**, Roberts ZV, Barei DP, Benirschke SK. Open Surgical Management of

Ipsilateral Fractures of the Fibula and Calcaneus. American Orthopaedic Association. Providence, RI – 2015.

16. Ahn J, Varkharia S, Rajan G, **Scolaro J**, Diaz D, Garson L, Komaki K, Kain Z. The Perioperative Surgical Home and Its Role in Hip Fracture Patients. American Society of Anesthesiologists PSH Learning Collaborative Meeting. CA – 2015.
17. Schenker M, **Scolaro JA**, Yannascoli S, Baldwin K, Mehta S, Ahn J. Blowing Smoke: A Meta-Analysis of the Effects of Smoking on Fracture Healing and Post-Operative Infection. Orthopaedic Trauma Association. Phoenix, AZ – 2013.
18. Schenker M, **Scolaro JA**, Yannascoli S, Baldwin K, Mehta S, Ahn J. Blowing Smoke: A Meta-Analysis of the Effects of Smoking on Fracture Healing and Post-Operative Infection. Orthopaedic Research Society. San Antonio, TX – 2013.
19. Horneff J, **Scolaro J**, Jafari S, Mirza S, Parvizi J, Mehta S. Locked Plating versus Intramedullary Nailing of Periprosthetic Femur Fractures after TKA. American Academy of Orthopaedic Surgeons. San Diego, CA – 2011.

#### SCIENTIFIC PRESENTATIONS

1. **Scolaro J**, Chalmers C, Wright DJ, McGarry M, Lee TQ. Muscular forces responsible for proximal humeral deformity following fracture. Association of Bone and Joint Surgeons. Chicago, IL. October 2021.
2. Wright DJ, Patel N, McGarry M, Lee TQ, **Scolaro JA**. Optimal Fixation of the Capitellar Fragment in Distal Humerus Fractures. American Academy of Orthopaedic Surgeons. San Diego, CA. September 2021.
3. **Scolaro JA**, Wright DS, DeSanto DJ, McGarry M, Lee TQ. Supplemental Fixation of Supracondylar Distal Femur Fractures: A Biomechanical Comparison of Dual-Plate and Plate-Nail Fixation Techniques. Association of Bone and Joint Surgeons. Sea Island, GA. May 2020. [meeting cancelled]
4. **Scolaro JA**, Wright D, Patel N, McGarry M, Lee TQ. Does Plate Position Affect Capitellar Fixation In Distal Humerus Fractures? Association of Bone and Joint Surgeons. Sea Island, GA. May 2020. [meeting cancelled]
5. Wright DS, DeSanto DJ, McGarry M, Lee TQ, **Scolaro JA**. Supplemental Fixation of Supracondylar Distal Femur Fractures: A Biomechanical Comparison of Dual-Plate and Plate-Nail Fixation Techniques. American Academy of Orthopaedic Surgeons. Orlando, FL. March 2020. [meeting cancelled]
6. Alpert M, Learned J, **Scolaro JA**, Nahmias J. Fat Embolism Syndrome in Blunt Trauma Patients with Extremity Fractures. Academic Surgical Congress. Orlando, FL. February 2020.

7. Patel N, Wright D, McGarry M, Lee TQ, **Scolaro JA**. Optimal Fixation of the Capitellar Fragment in Distal Humerus Fractures. American Shoulder and Elbow Surgeons. New York, NY. October 2019.
8. Wright DS, DeSanto DJ, McGarry M, Lee TQ, **Scolaro JA**. Supplemental Fixation of Supracondylar Distal Femur Fractures: A Biomechanical Comparison of Dual-Plate and Plate-Nail Fixation Techniques. Orthopaedic Trauma Association. Denver, CO. October 2019.
9. Wright DS, DeSanto DJ, McGarry M, Lee TQ, **Scolaro JA**. A Biomechanical Comparison of Dual-Plate and Plate-Nail Fixation in Supracondylar Distal Femur Fractures. Western Orthopaedic Association. Monterey, CA. Aug 2019.
10. Wright DS, DeSanto DJ, McGarry M, Lee TQ, **Scolaro JA**. Supracondylar Distal Femur Fractures: Nail Diameter Significantly Impacts Stability in Plate-Nail Constructs. Western Orthopaedic Association. Monterey, CA. Aug 2019.
11. Collinge C, Rodriguez-Buitrago A, Mir H, Sems A, **Scolaro JA**, et al. Results of Operative Fixation for Femoral Neck Fractures in Patients Aged 18 to 59 Years: A Study of 16 Centers and 596 Cases. Orthopaedic Trauma Association. Kissimmee, FL. October 2018.
12. Grigorian A, Schubl S, **Scolaro JA**, Gabriel V, Hu A, Petrosian G, Joe V, Nahmias J. No Increased Risk of Osteomyelitis Associated with Long Bone Shaft Fractures. Surgical Infection Society Annual Meeting. Westlake Village, CA. April 2018.
13. Nicholson L, Broghammer FH, Tougas C, Talerico M, Donegan D, **Scolaro JA**, Marecek GS. Knee Sepsis Following Suprapatellar Versus Infrapatellar Medullary Nailing of Open Tibia Fractures. American Academy of Orthopaedic Surgeons. San Diego, CA. March 2017.
14. Moore T, Sampathi B, Tynan M, Zamorano D, **Scolaro JA**. Fixed Angle Locking Plate Fixation of Complex Comminuted Patellar Fractures. Orthopaedic Trauma Association. Washington, D.C. October 2016.
15. Broghammer FH, **Scolaro JA**, Tougas C, Nicholson L, Marecek GS. Is Septic Knee Arthritis a Realistic Concern Following Suprapatellar Nailing of Open Tibia Fractures? Orthopaedic Trauma Association. Washington, D.C. October 2016.
16. Bui C, **Scolaro JA**, Ihn H, Peterson A, McGarry M, Lee TQ. Creation Of A Clinically Accurate Biomechanical Model For Vertical Femoral Neck Fractures. Western Orthopaedic Association. Indian Wells, CA. October 2016.
17. Galle S, Patel N, Lim PK, **Scolaro JA**. Can Manual Palpation to Detect Compartment Syndrome Be Taught? Western Orthopaedic Association. Indian Wells, CA. October 2016.



18. Moore T, Sampathi B, Tynan M, Zamorano D, **Scolaro JA**. Locked Plate Fixation of Complex Comminuted Patellar Fractures. Western Orthopaedic Association. Indian Wells, CA. October 2016.
19. Nicholson LT, Broghammer FH, Tougas C, **Scolaro JA**, Marecek G. Knee Sepsis Following Suprapatellar Nailing of Open Tibia Fractures. Western Orthopaedic Association. Indian Wells, CA. October 2016.
20. Little M, Alton T, Kogut M, **Scolaro J**, Firoozabadi R. Does Pelvic Embolization Increase Infection Rates in Patients Who Undergo Open Treatment of Acetabular Fractures? American Association of Orthopaedic Surgeons. Orlando, FL. March 2016.
21. **Scolaro JA**, Marecek G, Firoozabadi R, Krieg J, Routt ML. Management and Outcomes of Femoral Head Fractures. Orthopaedic Trauma Association. Tampa, FL, October 2014.
22. Firoozabadi R, Little M, Kogut M, Alton T, **Scolaro JA**. Does Pelvic Embolization Increase Infection Rates in Patients Who Undergo Open Treatment of Acetabular Fractures. Western Orthopaedic Association. Hawaii, HI. July 2014.
23. Sullivan M, **Scolaro J**, Mehta S. Functional Outcomes of Isolated Tile Type B Pelvic Ring Injuries Fixed with Percutaneous Posterior-Only fixation. American Association of Orthopaedic Surgeons. New Orleans, LA. March 2014.
24. **Scolaro JA**, Maroto M, Henley MB, Dunbar RP. Incidence and Management of Tibial Tubercle Fractures in Bicondylar Fractures of the Tibial Plateau. American Association of Orthopaedic Surgeons. New Orleans, LA. March 2014.
25. Wilson D, **Scolaro J**, Firoozabadi R. Source of Air on Pelvic CT Scans in Patients with Pelvic Ring Injuries. Society of Military Orthopaedic Surgeons. Vail, Colorado. December 2013.
26. Schenker M, **Scolaro JA**, Yannascoli S, Baldwin K, Mehta S, Ahn J. Effects of Smoking on Fracture Healing. Association of Bone and Joint Surgeons. Istanbul, Turkey. April 2013.
27. Schenker M, **Scolaro JA**, Yannascoli S, Baldwin K, Mehta S, Ahn J. Blowing Smoke: A Meta-Analysis of Smoking on Fracture Healing and Post-Operative Infection. American Association of Orthopaedic Surgeons. Chicago IL. March 2013.

#### COURSE/SESSION MODERATOR

1. Trauma VI: Pelvis and Acetabulum. American Academy of Orthopaedic Surgeons. San Diego, CA. September 2021.
2. Combined Long Bone and Articular Injuries. Philadelphia Orthopaedic Trauma Symposium. June 2021. (virtual)
3. Session 1: Femur Fractures – Getting Limb Alignment; Session 9: Diversity Symposium.

Orthopaedic Trauma & Fracture Care: Pushing the Envelope – Jan - March 2021 (virtual)

4. Management of Geriatric Acetabular Fractures in 2020. Orthopaedic Trauma Association. Nashville, TN – October 2020. (virtual)
5. Trauma V: Upper Extremity – American Academy of Orthopaedic Surgeons. Orlando, FL – March 2020. [meeting cancelled]
6. Techniques for management of challenging distal femur fractures. Orthopaedic Trauma Association. Denver, CO – September 2019.
7. OTA Boot Camp: Session IV: Knee and Leg. Denver, CO – September 2019.
8. Trauma VII; Pelvis/Acetabulum – American Academy of Orthopaedic Surgeons. Las Vegas, NV – March 2019.
9. Supracondylar Distal Femur Fractures – Getting It Right the First Time. Orthopaedic Trauma Association. Kissimmee, FL – October 2018.
10. Complex Intra-articular Distal Humerus Fractures - Keys to Success. Orthopaedic Trauma Association. Kissimmee, FL – October 2018.
11. Trauma VII; Pelvis/Acetabulum – American Academy of Orthopaedic Surgeons. New Orleans, LA – March 2018
12. Case Presentations: Complex Bicondylar Tibial Plateau Fractures – Orthopaedic Trauma Association. Vancouver, B.C. – October 2017.
13. What to do with the front: anterior pelvic ring management – Orthopaedic Trauma Association. Vancouver, B.C. – October 2017.
14. Pilon Fracture Plating, Skills Lab – Orthopaedic Trauma Association. Vancouver, BC – October 2017.
15. Knee – Trauma and Reconstruction. University of California, Irvine – Advances in the Management of Lower Extremity Injuries. Newport Beach, CA – June 2017.
16. Hot Topics in Orthopaedic Trauma – Los Angeles Orthopaedic Trauma Course. Los Angeles, CA – October 2016
17. From good to great: improving your treatment of femoral head fractures. Orthopaedic Trauma Association. Washington, D.C. – October 2016.
18. Orthopaedic Trauma – Western Orthopaedic Association. Indian Wells, CA – October 2016.
19. Lower Extremity Trauma. University of California, Irvine – Essentials of Orthopaedic

Trauma Care. Newport Coast, CA – May 2016.

20. Complex Ankle Fractures, Skills Lab – Orthopaedic Trauma Association. San Diego, CA – October 2015.
21. Paper Session II (eModerator): Tibia/Knee – Orthopaedic Trauma Association. San Diego, CA – October 2015.

### INVITED LECTURES

1. Extra-articular Scapular Fractures – Dying Controversies in Orthopedic Trauma...or are They? Orthopaedic Trauma Association. Fort Worth, TX. October 2021.
2. Injuries that do NOT Need to go to the OR in the Middle of the Night: Open Fractures, Young Adult Femoral Neck Fractures, Pediatric Supracondylar Fractures. OTA Specialty Day. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. September, 2021.
3. Cedars – Sinai Department of Orthopaedic Surgery: Lewis and Ruth Cozen Orthopaedic Grand Rounds. Combined Plate-Nail Fixation of Complex Proximal Tibia Fractures. May 12, 2021 (virtual).
4. Magnetic Compression Nailing for Nonunions; Continuous Compression Implants; Case Discussions: Calcaneus Fractures; Fracture Reduction Techniques; Soft Tissue Handling. Orthopaedic Trauma & Fracture Care: Pushing the Envelope – Jan – March 2021. (virtual)
5. Induced Membrane Techniques – Critical Bone Defects. Orthopaedic Trauma Association – October, 2020. (virtual)
6. Acute Management of Pelvic Ring Injuries – Instructional Course Lecture 231: Management of Pelvic Fractures – American Academy of Orthopaedic Surgeons. Orlando, FL – March 2020. [meeting cancelled]
7. Intramedullary Nail Tibia – Pearls: 2019 Orthopaedic Trauma: Fracture Problems in the Real World. Who to Leave Alone, Who to Fix, and How. Los Angeles, CA. October 2019.
8. Controversies in Treatment of Pelvic Ring Injuries. Orthopaedic Trauma Association. Denver, CO – September 2019.
9. The Femur Nonunion: Tips and Techniques on Successful Union from proximal to distal. Femoral Shaft Nonunions. Orthopaedic Trauma Association. Denver, CO – September 2019.

10. Tibial Plateau: Bread and Butter to Limb Threatening. Orthopaedic Trauma Association. Denver, CO – September, 2019.
11. Acute Management of Pelvic Ring Injuries – Instructional Course Lecture 215: Management of Pelvic Fractures – American Academy of Orthopaedic Surgeons. Las Vegas, NV – March 2019.
12. Periprosthetic Fractures. Orthopaedic Surgery Grand Rounds, CORE Institute/Banner University Medical Center. Phoenix, AZ – February 2019.
13. The Challenging Periprosthetic Fracture: Case Presentations Highlighting Fixation Strategies – Periprosthetic Tibia Fractures. Orthopaedic Trauma Association. Kissimmee, FL – October 2018.
14. Acetabular Fractures: Radiographic Evaluation and Surgical Approaches. Orthopaedic Surgery Grand Rounds, Loma Linda Medical Center. Loma Linda, CA. August 2018.
15. Comminuted Distal Humerus Fracture – Session VII: Expert Panel: How I Learned From My Tough Cases – OTA Specialty Day – American Academy of Orthopaedic Surgeons. New Orleans, LA – March 2018.
16. Acute Management of Pelvic Ring Injuries – Instructional Course Lecture 114: Management of Pelvic Fractures – American Academy of Orthopaedic Surgeons. New Orleans, LA – March 2018.
17. Management of Distal Tibia Fractures: Pearls and Pitfalls - IMN fixation of intra-articular distal tibia fractures. Orthopaedic Trauma Association. Vancouver, B.C. – October 2017.
18. Femoral Neck Fractures in the Young Adult: Are We Getting Better? – Biomechanics. Orthopaedic Trauma Association. Vancouver, B.C. – October 2017.
19. The Simple and Complex Tibial Plateau Fracture. University of California, Irvine – Advances in the Management of Lower Extremity Injuries. Newport Beach, CA – June 2017.
20. Emerging Techniques: Antibiotic Covered Plates and Nails. FORE Orthopaedic Trauma and Fracture Care: Pushing the Envelope – Coronado, CA. January 2017.
21. Acetabular Fractures: Radiographic Evaluation and Surgical Approaches. Orthopaedic Surgery Grand Rounds, Loma Linda Medical Center. Loma Linda, CA. December 2016.
22. Case Presentations – Zimmer Advanced Trauma Interactions Symposium – San Francisco, CA. October 2016.

23. From Good to Great: Management of Distal Tibia Fractures, University of Southern California Los Angeles, CA. October 2016.
24. Closed Displaced Middle Third Clavicle Fractures: Does Plate Location Matter? / Unstable Intertrochanteric Hip Fractures: Does The Choice of Implant Influence Outcomes? / Displaced Bicondylar Tibial Plateau Fractures: Order of Fixation and What to do for the Medial Side. / Ankle Syndesmotic Injuries: Have We Reached a Consensus? 8<sup>th</sup> Annual Los Angeles Orthopaedic Trauma Symposium – Los Angeles, CA. October 2016.
25. Orthopaedic Trauma – UCI General Surgery “Trauma Hot Topics.” Orange, CA. August 2016.
26. Distal Femur Case Presentations. Stryker Complex Trauma Talks – Los Angeles, CA. May 2016.
27. Syndesmotic Ankle Injuries: Diagnosis and Treatment – California Orthopaedic Association Annual Meeting. Dana Point, CA. May 2016.
28. Case Presentations/Discussion: Pelvis and Upper Extremity – Orthopaedic Trauma and Fracture Care: Pushing the Envelope. Coronado, CA. January 2016.
29. Emerging Techniques: Using mini-fragment Plates with Nails – Orthopaedic Trauma and Fracture Care: Pushing the Envelope. Coronado, CA. January 2016.
30. Intramedullary Nailing of Distal Third Tibia Fractures – Smith and Nephew Mini-Masters Fracture Forum. Costa Mesa, CA. July 2015.
31. Pediatric Orthopaedic Trauma. University of California Irvine Medical Center – Timely Topics in Trauma Surgery – Irvine, CA. February 2015.
32. Pediatric Distal Femoral Fractures. Current Treatment of Spinal and Other Orthopaedic Conditions: An Evidence Based Approach from Childhood to Adults. University of California, Irvine Symposium. June 2014.
33. Initial Management and Decision Making in Orthopaedic Trauma. Orange County Medical Association – Irvine, CA. November 2013.
34. Orthopaedic Trauma: What Needs to be Done at Night. Orthopaedic Surgery Grand Rounds, University of California, Irvine. Orange, CA. March 2013.
35. Leading as a Chief Resident: How to Keep Out of Trouble and Make a Difference. AOA Resident Leadership Forum. American Orthopaedic Association. Washington D.C., June 2012.

#### INVITED LECTURES – INTERNATIONAL

1. The Fracture Doesn’t Heal – Why?. AO Davos courses. Davos, Switzerland. December

2019.

2. Biomechanics of Distal Humeral Fracture Fixation. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.
3. Supracondylar Distal Femur Fractures: Plate, Nail...or Both. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.
4. Combined Plate and Nail Fixation of Complex Tibia Fractures. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.
5. Evaluation and Management of the Anterior Pelvic Ring. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.
6. Percutaneous Fixation of the Anterior and Posterior Pelvic Ring. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.
7. Creation of Antibiotic Covered Plates and Nails. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.
8. Parallel or Orthogonal Plating of Distal Humeral Fractures: Biomechanical Evidence. AAOS/IOS Trauma Conclave. Mumbai, India. June 2019.
9. Current Treatment Options for Fixation of Supracondylar Distal Femur Fractures. AAOS/IOS Trauma Conclave. Mumbai, India. June 2019.
10. Management of Complex Tibia Fractures with Plate and Nail Fixation. AAOS/IOS Trauma Conclave. Mumbai, India. June 2019.
11. Strategies for Management of the Anterior Pelvic Ring. AAOS/IOS Trauma Conclave. Mumbai, India. June 2019.
12. Techniques for Percutaneous Fixation of the Pelvic Ring. AAOS/IOS Trauma Conclave. Mumbai, India. June 2019.
13. Utilization of Antibiotic Covered Plates and Nails in Orthopaedic Trauma. AAOS/IOS Trauma Conclave. Delhi, India. June 2019.

#### ONLINE MEDIA

1. Scolaro JA. EVOS Mini with IM Nailing: A Series of Studies. Smith and Nephew. 2015 [http://www.smith-nephew.com/global/assets/pdf/products/surgical/evos\\_mini\\_plate\\_case\\_collection\\_with\\_im\\_nails\\_01279.pdf](http://www.smith-nephew.com/global/assets/pdf/products/surgical/evos_mini_plate_case_collection_with_im_nails_01279.pdf)

2. [Editor] Orthopaedia.com <http://www.orthopaedia.com/page/Clavicle-Fractures> and <http://www.orthopaedia.com/page/Proximal-Humeral-Fractures>

## WEBINARS/PODCASTS

1. “Fireside Series: Femoral Neck Young ORIF” AO Trauma North America – April 2021.
2. “Unraveling the complexities of recalcitrant nonunions and creating a healthy union with a magnetic internal compression and lengthening device.” NuVasive Specialized Orthopaedics. April 2021.
3. “Distal Femur: Nail, Plate, or Both” AO Trauma North America Webinar – March 2021.
4. “Distal Femur Fractures: Plate or Nail?” Stryker TEACH Madness – March 2021.
5. “Preparing for Virtual Interviews” Western Orthopaedic Association – December 2020.
6. “Acetabulum: Kocher Approach and Reduction” AO Trauma North America Fellows Webinar – November 2020.
7. “Making a Difference with Diversity” Stryker TEACH Virtual Series – November 2020.
8. “Healthcare During the COVID-19 Pandemic: Protecting Our Patients and Protecting Ourselves” Worldwide Webinar hosted by OTC Italy – October 2020.
9. “PRO Pelvis – Current techniques: Fix or Replace” Stryker TEACH Virtual Series. November 2020.
10. Orthopaedic Trauma Association Podcast – Episode 3 – The Resident Symposium. September 2020. <https://ota.org/education/ota-podcast>
11. “Upper Extremity” Fracture Night in America. Orthopaedic Trauma Association. June 2020.
12. “Proximal Femur Fractures” Stryker TEACH Virtual Resident Series. April 2020.
13. “Lower Extremity” Fracture Night in America. Orthopaedic Trauma Association. April 2020.
14. “Whats New in Orthopaedic Trauma.” California Orthopaedic Association Annual Meeting. April 2020.
15. “Treatment of Diaphyseal Nonunions with a Magnetic Nail Through Compression.”

NuVasive Specialized Orthopaedics. April 2020. <https://www.youtube.com/watch?v=-eWJddRAhJY>

16. "Femur: Supracondylar Femur Fractures." AO Trauma North America Fellows Webinar. Jan 2020.
17. "Take it or leave it...How do I Decide When To Use Mini Fragment Plating?". Using Mini Fragment Plates in Orthopaedic Trauma. VuMedi Webinar. Nov 2016. <https://www.vumedi.com/webinar/using-mini-fragment-plates-in-orthopedic-trauma/>

### COURSE CHAIRMAN

1. Western Orthopaedic Association Annual Meeting (virtual) – August 2021. (co-chair Justin Haller, M.D.)
2. Smith & Nephew Southern California Surgical Approaches for Internal Fixation (SAIF) – Orange, CA – November 2019.
3. AO Trauma: Basic Principles of Fracture Management – La Jolla, CA – April 2019.
4. University of California, Irvine – Orthopaedic Surgery – Trauma in the 21<sup>st</sup> Century – Huntington Beach, CA – June 2018. (co-chair James Learned, M.D.)
5. Foundation for Orthopaedic Trauma – Lower Extremity Resident Course and Annual Meeting – Las Vegas, NV – February 2018. (co-chair Tom Lyons, M.D.)
6. Foundation for Orthopaedic Trauma – Upper Extremity Resident Course and Annual Meeting – Las Vegas, NV – February 2017. (co-chair Erik Kubiak, M.D.)
7. University of California, Irvine – Essentials of Orthopaedic Trauma Care – Newport Coast, CA – May 2016.

### COURSE FACULTY

1. AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques Course – Rosemont, IL – December 2021.
2. Zimmer Trauma Instructional Course for Residents – Miami, FL – December 2021.
3. Stryker Pelvic Fellows Dissection Course – Las Vegas, NV – November 2021.
4. OTA Physician Assistant/Nurse Practitioner Course – Fort Worth, TX – October 2021.
5. OTA Member Fireside – Fort Worth, TX – October 2021.



6. OTA Case Controversies in Pelvis and Acetabulum Course – Fort Worth, TX – October 2021.
7. Stryker Surviving the Night (virtual and lab) – Sept - October 2021.
8. AO Trauma Basic Principles of Fracture Management Skills Course – Phoenix, AZ – October 2021.
9. Foundation for Orthopaedic Trauma – Pelvic and Acetabular & Upper Extremity Course – Tampa, FL – September 2021.
10. AO Trauma North America: Think Tank – Marco Island, FL – September 2021.
11. AO Trauma Basic Principles of Fracture Management Skills Course – Boston, MA – August 2021.
12. AO Trauma North America Blended Online Course – Basic Principles of Fracture Management (virtual) – August/September 2021.
13. Zimmer National Residents Course – Las Vegas, NV – August 2021.
14. Zimmer BioSkills Upper and Lower Extremity Course – Long Beach, CA – June 2021.
15. Stryker Advanced Resident Course – Long Beach, CA – May 2021.
16. AO Trauma North America Blended Online Course – Basic Principles of Fracture Management (virtual) – April 2021.
17. AO Trauma North America Online Course – Basic Principles of Fracture Management Essentials (virtual) – October 2020.
18. Stryker Annual Resident Education Course (virtual) – September 2020.
19. OTA Case Controversies in Pelvis and Acetabulum course – Nashville, TN – October 2020. (virtual)
20. AO Trauma: Basic Principles of Fracture Management – Charlotte, NC – January 2020.
21. Zimmer Biomet Trauma Residents Course – Miami, FL – December 2019.
22. Stryker National Resident Education Course – Phoenix, AZ – November 2019.
23. AO Trauma: Advanced Principles of Fracture Management – Minneapolis, MN – October 2019.
24. OTA Orthopaedic Trauma Boot Camp – Denver, CO – September 2019
25. OTA Comprehensive Fracture Course for Residents – Denver, CO – September 2019.

26. OTA Physician Assistant/Nurse Practitioner Course – Denver, CO – September 2019.
27. AO Trauma: Advanced Principles of Fracture Management – Phoenix, AZ – September 2019.
28. Stryker Trauma Case Controversies – New York, NY – September 2019.
29. AO Trauma North America: Think Tank – Park City, UT – September 2019.
30. Smith & Nephew Surgical Approaches for Internal Fixation (SAIF) – Memphis, TN – May 2019.
31. Smith & Nephew Masters Fracture Forum – Huntington Beach, CA – April 2019.
32. AO Trauma: Basic Principles of Fracture Management – Charlotte, NC – January 2019.
33. Smith and Nephew Essentials of Taylor Spatial Frame Course – Atlanta, GA – November 2018.
34. OTA Comprehensive Fracture Course for Residents – Kissimmee, FL – October 2018.
35. OTA Physician Assistant/Nurse Practitioner Course – Kissimmee, FL – October 2018.
36. Smith & Nephew Comprehensive Trauma Solutions – Boston, MA – September 2018.
37. AAOS/OTA Fractures of the Pelvis and Acetabulum – Rosemont, IL – September 2018.
38. AO Trauma North America: Think Tank – Park City, UT – June 2018.
39. AO Trauma: Advanced Principles of Fracture Management – Madison, WI – May 2018.
40. Stryker Advanced Nailing and MIPO Course for Residents – Chicago, IL – May 2018.
41. Foundation for Orthopaedic Trauma – Pelvic and Acetabular Course – Tampa, FL – May 2018.
42. Smith & Nephew Masters Fracture Forum – Huntington Beach, CA – April 2018.
43. Smith & Nephew Surgical Approaches for Internal Fixation (SAIF) – Memphis, TN – February 2018.
44. Foundation for Orthopaedic Trauma – Lower Extremity Resident Course – Las Vegas, NV – February 2018.
45. Zimmer Biomet Trauma Residents Course – Miami, FL – December 2017.
46. Stryker Advanced Nailing and MIPO Course for Residents – Long Beach, CA – November 2016.

47. AO Trauma: Basic Principles of Fracture Management – Atlanta, GA – November 2017.
48. AAOS/OTA Fractures of the Pelvis and Acetabulum – Rosemont, IL – November 2017.
49. OTA Physician Assistant/Nurse Practitioner Course – Vancouver, BC – October 2017.
50. OTA Comprehensive Fracture Course for Residents – Vancouver, BC – October 2017.
51. AO Trauma: Basic Principles of Fracture Management – Phoenix, AZ – September 2017.
52. Smith & Nephew Comprehensive Trauma Solutions – Boston, MA – September 2017.
53. AO Trauma: Basic Principles of Fracture Management – Bellevue, WA – August 2017.
54. Smith & Nephew Surgical Approaches for Internal Fixation (SAIF) – Memphis, TN – May 2017.
55. AO Trauma North America: Think Tank – Jackson Hole, WY – June 2017.
56. Stryker Complex Trauma Talks – Los Angeles, CA – May 2017.
57. AO Trauma: Basic Principles of Fracture Management – Dallas, TX – March 2017.
58. Foundation for Orthopaedic Trauma – Upper Extremity Resident Course – Las Vegas, NV – February 2017.
59. FORE Orthopaedic Trauma and Fracture Care: Pushing the Envelope – Coronado, CA – January 2017.
60. AO Trauma: Basic Principles of Fracture Management – Phoenix, AZ – November 2016.
61. Zimmer Advanced Trauma Interactions Symposium – San Francisco, CA – October 2016.
62. Stryker Advanced Resident Lower Extremity Fracture Course – Long Beach, CA – October 2016.
63. OTA Comprehensive Fracture Course for Residents – Washington, DC – October 2016.
64. Smith & Nephew Surgical Approaches for Internal Fixation (SAIF) – Memphis, TN – September 2016.
65. Stryker Advanced Nailing and MIPO Course for Residents – Downers Grove, IL – August 2016.
66. Stryker Complex Trauma Talk – Los Angeles, CA – May 2016
67. AO Trauma: Advanced Principles of Fracture Management – New Orleans, LA – March 2016.

68. FORE Orthopaedic Trauma and Fracture Care: Pushing the Envelope – Coronado, CA – January 2016.
69. Foundation for Orthopaedic Trauma – Lower Extremity Resident Course – Las Vegas, NV – January 2016.
70. AO Trauma: Basic Principles of Fracture Management – Charlotte, NC – January 2016.
71. OTA Comprehensive Fracture Course for Residents – San Diego, CA – October 2015.
72. AO Trauma: Basic Principles of Fracture Management – Bellevue, WA – August 2015.
73. Foundation for Orthopaedic Trauma – Upper Extremity Resident Course – Las Vegas, NV – February 2015.
74. Smith & Nephew Surgical Approaches for Internal Fixation (SAIF) – Irvine, CA – December 2014.
75. AO Trauma: Basic Principles of Fracture Management – Atlanta, GA – October 2014.
76. OTA Comprehensive Fracture Course for Residents – Tampa, FL – October 2014.
77. Foundation for Orthopaedic Trauma – Lower Extremity Resident Course – Philadelphia, PA – September 2014.
78. Foundation for Orthopaedic Trauma – Lower Extremity Resident Course – Las Vegas, NV - February 2014.
79. DePuy-Synthes Principles of Fracture Management for Operating Room Personnel – San Diego, CA – February 2014.
80. Smith & Nephew Southern California Surgical Approaches for Internal Fixation (SAIF) – Orange, CA – October 2013.
81. OTA Comprehensive Fracture Course for Residents – Scottsdale, AZ – October 2013.
82. Synthes Principles of Fracture Management for Operating Room Personnel – Philadelphia, PA – January 2012.

#### COURSE FACULTY – INTERNATIONAL

1. AO Trauma: Masters Course: Lower Extremity I (virtual) – Davos, Switzerland – December 2020.
2. AO Trauma: Advanced Principles of Fracture Management – Davos, Switzerland – December 2019.
3. AAOS/IOS Trauma Conclave. Delhi and Mumbai, India. June 2019.

## COMMITTEE LEADERSHIP

2020 – current                      Chair – Foundation for Orthopaedic Trauma – Education Committee

## COMMITTEE MEMBERSHIPS

2021 – current                      AO Trauma North America – Content Curation Committee  
2021 – current                      University of California, Irvine – Graduate Medical Education Committee  
2021 – current                      University of California, Irvine School of Medicine – HS Mentorship Committee  
2020 – current                      Western Orthopaedic Association – Program Evaluation Committee  
2019 – 2022                      Orthopaedic Trauma Association – Membership Committee  
2019 – 2022                      American Academy of Orthopaedic Surgeons – Evaluation Committee  
2018 – current                      AO Trauma North America – Social Media Taskforce  
2017 – 2023                      American Academy of Orthopaedic Surgeons – Trauma Program Committee  
2017 – 2021                      Orthopaedic Trauma Association – Classification Committee  
2017 – 2020                      AO Trauma North America – Research Committee  
2017 – 2020                      University of California, Irvine – Inpatient Medical Director  
2016 – current                      Foundation for Orthopaedic Trauma – Education Committee  
2016 – current                      University of California, Irvine – Trauma Systems Committee  
2016 – current                      University of California, Irvine – Trauma Performance Improvement Committee  
2015 – current                      University of California, Irvine – Antibiotic Stewardship Subcommittee (orthopaedic trauma)  
2014 – current                      University of California, Irvine – Hip Fracture Pathway Committee

## EDITORIAL POSITIONS

2015 – current                      Reviewer: Journal of Orthopaedic Trauma  
2015 – current                      Reviewer: Journal of Shoulder and Elbow Surgery  
2016 – current                      Reviewer: Journal of the American Academy of Orthopaedic Surgeons  
2017 – current                      Reviewer: Journal of Bone and Joint Surgery – American  
2021 – current                      Reviewer: Injury  
2018 – 2019                      Section Head: Journal of Bone and Joint Surgery Clinical Classroom (Trauma)  
2018 – 2019                      Reviewer: Journal of Foot and Ankle Surgery  
2017 – 2019                      Reviewer: Journal of Orthopaedic Surgery and Research  
2016 – 2019                      Reviewer: Biomed Research International  
2016 – 2018                      Associate CME Editor: Journal of Bone and Joint Surgery – American  
2015 – 2019                      Reviewer: PLoS One  
2015 – 2019                      Reviewer: BMC Surgery  
2012 – 2019                      Reviewer: Current Orthopaedic Practice  
2011 – 2019                      Reviewer: BMC Musculoskeletal Disorders

## LABORATORY RESEARCH

Jan. 2019 – current                      **Congress Medical Foundation – Pasadena, CA**  
Director: Thay Q. Lee, PhD

Sept. 2013 – Dec. 2018	<b>Long Beach Veterans Hospital: Orthopaedics Biomechanics Lab – Long Beach, CA</b> Director: Thay Q. Lee, PhD
May 2002 – Sept. 2004	<b>Boston University: Whitaker Cardiovascular Institute – Boston, MA</b> Supervisors: Joseph Loscalzo, M.D., Ph.D., M.A. and Diane Handy, Ph.D.
May 2001 – Sept. 2001	<b>Adolor Pharmaceuticals – Malvern, PA</b> Supervisor: Robert DeHaven
May 2000 – May 2001	<b>University of Notre Dame – Notre Dame, IN</b> Supervisor: Martin Tenniswood, Ph.D.

### CERTIFICATIONS

American Board of Orthopaedic Surgeons (Part I) – Passed 2012  
 American Board of Orthopaedic Surgeons (Part II) – Passed 2015 (expiration 12/2025)  
 American Heart Association Basic Life Support – expiration 2017  
 Collaborate Institutional Training Initiative (CITI):  
     IRB Members Biomedical – Basic – expiration 1/2024  
     GCP Clinical Investigations of Devices – expiration 7/2024  
     GCP Clinical Trials with Investigational Drugs/Medical Devices (FDA Focus) – expiration 8/2024

### UCI Development Courses

2021 – 22	UCI Leadership Success Program for Senior Leaders
2021	Inclusive Excellence Certificate Program – 2021
2017	Lean Six Sigma – Yellow Belt

### LICENSES

California State Board of Medicine: A125391  
 National Provider Identification: 1790983476

### PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons (AAOS) – Fellow  
 American Orthopaedic Association (AOA) – Fellow  
 American College of Surgery (ACS) – Fellow  
 American Board of Orthopaedic Surgery (ABOS) – Diplomate  
 Association of Bone and Joint Surgeons (ABJS) – Member  
 Arbeitsgemeinschaft für Osteosynthesefragen (AO) Trauma North America – Member and Faculty  
 California Orthopaedic Association – Member  
 Foundation for Orthopaedic Trauma – Member and Faculty  
 Notre Dame Orthopaedic Society – Member  
 Orange County Medical Association – Member  
 Orthopaedic Trauma Association – Member  
 Western Orthopaedic Association – Member

### HONORS AND AWARDS

2020 American Orthopaedic Association – American British Canadian Traveling Fellowship – 2<sup>nd</sup> alternate

2018 – 22 Orange County Medical Association – Physician of Excellence

2019 American Orthopaedic Association – Japanese Orthopaedic Association Traveling Fellowship – 1<sup>st</sup> alternate

2018 – 21 Southern California Super Doctors – Los Angeles Times Magazine

2015 – 17 Southern California Super Doctors Rising Stars – Los Angeles Times Magazine

2017 American Orthopaedic Association – North American Traveling Fellowship – 1<sup>st</sup> alternate

2016 AO Trauma North America – Howard Rosen Award – Table Instructor, Basic Principles of Operative Fracture Management – Phoenix, AZ

2014 Kevin L. Armstrong Clinical Faculty Teaching Award, UCI Department of Orthopaedic Surgery

2013 AAOS/OREF/ORS Clinician Scholar Career Development Program

2013 University of Pennsylvania Orthopaedic Journal Research Award

2012 DeForest Willard Award, University of Pennsylvania Department of Orthopaedic Surgery – Outstanding Performance by a Senior Resident

2012 OREF Resident Scholarship – Hannover University Medical Center. Hannover, Germany

2011-12 University of Pennsylvania Department of Orthopaedic Surgery – Administrative Chief Resident

2010 Journal of Orthopaedic Trauma/Synthes – Best Orthopaedic Teaching Resident

2007 Boston University School of Medicine – Alumni Association Award

2000, 2001 University of Notre Dame – Dean’s List

2000, 2001 Notre Dame Athletic Varsity Monogram – Track and Field

2000, 2001 Big East Athletic Conference – Academic Recognition

#### OTHER EXPERIENCES

2013 – current Notre Dame Alumni Club of Orange County, California

2007 – 2012 Notre Dame Alumni Club of Philadelphia

2002 – 2003 Senior Resident Assistant – Boston University, Boston, MA

2001 – 2007 Notre Dame Alumni Club of Boston

2001 – 2003 Habitat for Humanity – Boston, MA

1997 – 2001 Varsity Track and Field (shotput/hammer) – University of Notre Dame, Notre Dame, IN