

SHARIFF KAMAL BISHAI, D.O., M.S., FAOAO, FAAOS, FAANA

BOARD CERTIFICATION:

- AOA Board Certified in Orthopedic Surgery
- Certificate Number 1776
- Effective Date of Certification: 1/1/2020-12/31/2029, 10/16/2009-12/31/2019

CERTIFICATION OF ADDED QUALIFICATION (CAQ):

- AOA Board Certified in Specialty of Sports Medicine
- Certificate Number 1776
- Effective Date of Certification: 2/6/2018-12/31/2024

ACADEMY FELLOWSHIP APPOINTMENTS/MEMBERSHIPS:

Award of Fellow of the American Osteopathic Academy of Orthopedics (FAOAO)

- October 2010

Award of Fellow of the American Academy of Orthopaedic Surgeons (FAAOS)

- June 2019

Award of Fellow of the Arthroscopy Association of North America (FAANA), Formally known as Distinguished Arthroscopy Leader (DAL)

- November 2019

American Shoulder and Elbow Surgeons

- **Candidate Member**
 - July 2020
- **Associate Member**
 - July 2021
- **Active Member**
 - July 2023

PRACTICE:

12/2023 – Present

- **DETROIT ORTHOPAEDIC INSTITUTE, PLLC**, Troy, MI
- Private Practice: Shoulder Surgery, Sports Medicine and General Orthopedics

0/2007 – 11/2023

- **ASSOCIATED ORTHOPEDISTS OF DETROIT, P.C.**, St. Clair Shores, MI
- Private Practice: Shoulder Surgery, Sports Medicine and General Orthopedics

FELLOWSHIP:

8/2006- 7/2007; Sports Medicine Fellow

- **PLANCHER ORTHOPAEDICS AND SPORTS MEDICINE**, New York, NY & Greenwich, CT
- Orthopaedic Foundation for Active Lifestyles

RESIDENCY:

6/2001- 6/2006; Orthopaedic Surgery Resident

- **HENRY FORD BI-COUNTY HOSPITAL**, Warren, MI
- AOA Accredited Orthopaedic Surgery Residency
- Affiliated Hospitals: Cincinnati Children's Hospital, William Beaumont Hospital, Providence Hospital, Vanderbilt University Hospital
- AOA Accredited Osteopathic Internship, Chief Intern

EDUCATION:

Michigan State University; East Lansing, MI

- Bachelor of Science, Lyman Briggs Physiology, With Honors
- Undergraduate Specialization, Health and Humanities, May 1995

Michigan State University; East Lansing, MI

- College of Human Medicine
- Master of Science; Epidemiology, May 2000

Michigan State University; East Lansing, MI

- College of Osteopathic Medicine
- Doctor of Osteopathy, May 2001

FACULTY ACADEMIC APPOINTMENTS:

Former Professor

- Detroit Medical Center, Sports Medicine Fellowship
- Appointment: 2014
- Left program: 2021

Assistant Professor

- Michigan State University College of Osteopathic Medicine; East Lansing, MI
- Appointment: 2012-2024

Associate Professor

- Michigan State University College of Osteopathic Medicine; East Lansing, MI
- Appointment: 2024

Assistant Professor

- Oakland University William Beaumont Medical School; Royal Oak, MI
- Appointment: March 30, 2011

Adjunct Clinical Faculty

- University of Dayton, Physician Assistant Program
- Appointment: 2019

Clinical Instructor

- Michigan State University College of Osteopathic Medicine; East Lansing, MI
- Appointment: 2005

Medical Director

- McLaren Macomb Athletic Medicine Institute
- Appointment: 2012-2017

Fellowship Instructor

- Detroit Medical Center; Detroit, MI
- Henry Ford Hospital; Detroit, MI

MEDICAL SCHOOL ADMISSIONS:

- Michigan State University College of Osteopathic Medicine Admissions Interviewer/Committee

ACADEMY COMMITTEE APPOINTMENTS:

- **Regional Ambassador**, Arthroscopy Association of North America
- Orthopaedic Video Theater Multimedia **Committee Chair**: American Academy of Orthopaedic Surgeons, 4-year term (2022-2025)
- American Academy of Orthopaedic Surgeons **Social Media Ambassador**
- American Academy of Orthopaedic Surgeons: OrthoInfo Committee, **Social Media Editor**
- Annual Meeting Committee, Next Level Education Task Force: American Academy of Orthopaedic Surgeons
- Membership Committee: American Shoulder and Elbow Surgeons (2022-2025)
- ASES Foundation Committee on Patient Centered Initiatives: American Shoulder and Elbow Surgeons (2022-2025)
- American Shoulder and Elbow Surgeons Foundation, **Chair** - Detroit
 - Shoulder and Elbow Week, Detroit 2022
- American Shoulder and Elbow Surgeons Foundation, Patient Initiatives, 2022-present
- Communications and Technology Committee: Arthroscopy Association of North America (2020-2022)
- International Committee: Arthroscopy Association of North America (2018-2022)
- Orthopaedic Video Theater Multimedia Committee: American Academy of Orthopaedic Surgery, 2-year term (Finished second 2-year term)
- Certificate of Added Qualification (CAQ) Sports Committee: American Osteopathic Academy of Orthopaedics, **Co-Chair**.
- Grants In Aid Committee, Major Committee: American Osteopathic Academy of Orthopedics
- Membership Committee: American Osteopathic Academy of Orthopedics

- Resident Liaison Committee: American Osteopathic Academy of Orthopedics

PUBLICATIONS:

Best J, Timoteo T, Geers B, Ayad M, Mathijs E, Warren J, Bernacki K, Arnoczky S, **Bishai SK**. Failure of dermal allograft remodeling and integration after superior capsular reconstruction for an irreparable rotator cuff tear: a case study 70 months postimplantation. JSES International. 2025-03. DOI: [10.1016/j.jseint.2025.03.002](https://doi.org/10.1016/j.jseint.2025.03.002)

Geers B, Cabatu C, Best J, Archutowski J, Ayad M, Latack K, Donnelly D, Kummerfeld D, Favorito P, **Bishai SK**. Outcomes After Arthroscopic Assisted Lower Trapezius Transfer for Irreparable Posterosuperior Rotator Cuff Tears. J Shoulder Elbow Surg. 2025. Article in Press.

Ball GRS, Jensen B, Ayad M, Warren J, **Bishai SK**. Return to Sport after Arthroscopic Latarjet Compared to Arthroscopic Bankart Repair with and without Remplissage. Accepted to Journal of Shoulder and Elbow. 2024.

Mcmillan S, Ford E, **Bishai SK**. Favorable Early Patient-Reported Outcome Measures and Clinical Retear Rates in High-Risk Rotator Cuff Repairs Augmented with Reinforced Bio-Inductive Implant at One-Year Follow Up. Surg Tech Int. 2024. 45: 1-6.

Maxwell MJ, Glass EA, Bowler AR, Koechling Z, Lohre R, Declan R, Diestel R, McDonald-Stahl M, Bartels W, Vancleef S, Murthi A, Smith MJ, Cuff DJ, Austin LS, Wiater JM, Chamberlain A, Kirsch JM, **Bishai SK**, Favorito P, Chalmers P, Kiet L, Jawa A. The Effect of Reverse Shoulder Arthroplasty Design and Surgical Indications on Deltoid and Rotator Cuff Muscle Length. J Shoulder Elbow Surg. 2024. Article in Press.

Castle J, Kasto J, Jiang E, Gaudiani M, Wolterink T, Timoteo T, Best J, **Bishai SK**, Kolowich P, Muh S. Arthroscopic Rotator Cuff Repair with Bioinductive Patch Achieves Equivalent Patient-Reported Outcomes and Retear Rate at 1 year. J Shoulder Elbow. 2024.

Izahabi M, Haddad J, **Bishai SK**. Streptococcus lutetiensis Prosthetic Shoulder Infection Aiding in the Diagnosis of Invasive Adenocarcinoma of the Colon. JSES Rev Rep Tech. May 2024. DOI: [10.1016/j.xrrt.2024.05.001](https://doi.org/10.1016/j.xrrt.2024.05.001)

Ciccione WJ, Geers B, Jensen B, **Bishai SK**. Rotator Cuff Augmentation: Its Role and Best Practices. Sports Med Arthrosc Rev December 2023, 31 (4): 113-119.

Ulrich G, **Bishai SK**. The Utility of Lower Trapezius Transfers in Massive Irreparable Posterior- Superior Rotator Cuff Tears. J Ortho Sports Med. 5(3): 339-345. ISSN: 2688-5115.

Ulrich G, **Bishai SK**. Outcomes of Coracoid Bone Graft Positioning During the Latarjet Procedure with Respect to Surgical Approach. *J Ortho Sports Med.* 5(3): 346-356. ISSN: 2688-5115.

Geers BS, **Bishai SK**. Chronic Midsubstance Patellar Tendon and Retinacular Rupture: Primary Repair Enhancement Using Bioinductive Implant Augmentation. *J Arthroscopy Techniques.* 2023. DOI: 10.1016/j.eats.2023.05.009.

Ball GRS, **Bishai SK**, Jensen B, Maceroni M, Howard S. Case Presentation for Arthroscopic Internal Fixation of Coracoid Fracture. *Journal of Orthopaedic Experience & Innovation.* July 2023.

Beleckas C, Badman B, **Bishai SK**. Short Term Radiographic and Clinical Outcomes of Arthroscopic Rotator Cuff Repair With and Without Augmentation With an Interpositional Nanofiber Scaffold. *Journal of Orthopaedic Experience and Innovation.* July 2023.

Johnson S, Esquivel A, Lovse L, Crachiolo A, Chen C, **Bishai SK**, Lemos SE. Anatomic Acromioclavicular Joint Reconstruction With and Without Acromioclavicular Ligament Reconstruction. *Shoulder Elbow.* 2023. April; 15(2): 166-172. DOI: 10.1177/17585732211068322

Badman B, **Bishai SK**. Rotator Cuff Repair Augmented With Interpositional Nanofiber Scaffold. *J Arthroscopy Techniques.* 2022. <https://doi.org/10.1016/j.eats.2022.08.061>.

Bushnell BD, Angelo RL, **Bishai SK**, Bravman JT, Connor PM, Getelman MH, Harris HW, McIntyre LF, McMillan S, Trenhaile SW. Letter to the Editor regarding "Increased Stiffness and Reoperation Rate in Partial Rotator Cuff Repairs Treated with a Bovine Patch: A Propensity-Matched Trial," by Yeazell et al. *J Shoulder Elbow Surg.* 2022, 31 (11), e569-571.. doi: 10.1016/j.jse.2022.06.029.

Bodine M, **Bishai SK**, Ball GR, King CN, Wait L, Brannan GD, Arthroscopic Latarjet Procedure Does Not Lead to Loss of Clinically Significant External Rotation at 0° and 90° of Shoulder Abduction, *JSES International* (2022), doi: <https://doi.org/10.1016/j.jseint.2022.07.013>.

Bishai SK, Ball GRS, Maceroni M, Howard S. Arthroscopic Internal Fixation of Coracoid Fractures: A Novel Technique. August 2022. *Arthro tech.* DOI: 10.1016/j.eats.2022.04.001.

Bishai SK, Ball GRS, King C, Ierardi K, Bodine M, Ayad M, Warren J. Arthroscopic Latarjet Learning Curve: Operating Time Decreases After 25 Cases. 2022. *Arthro Sports Med Rehab Arthroscopy*. <https://doi.org/10.1016/j.asmr.2022.11.010>

Bishai SK, Knesak D, Rodriguez F, Ball GRS. Paget-Schroetter Syndrome A Case Report of effort induced upper extremity venous thrombosis. *Journal of Orthopaedic Experience and Innovation*. Online. April 2022.

Bishai SK, Abboud JA, Ball GRS. Non-Arthroplasty Management of Irreparable Rotator Cuff Tears. *AANA International Newsletter*. Online. December 2021.

Ball GRS, **Bishai SK**, King C, Ierardi K. Arthroscopic Latarjet Learning Curve and Timeline to Proficiency: A Single Surgeon Experience. September 2021. (Abstract submitted to AAOS)

King C, **Bishai SK**, Ball GRS, Ierardi K. Complications with Arthroscopic Latarjet: A Single Surgeon Experience. September 2021. (Abstract submitted to AAOS)

McIntyre L, **Bishai SK**, Trenhaile S, Bushnell B, Krupp R, Mc Millan S. Treatment of partial-thickness rotator cuff tears with a resorbable bioinductive bovine collagen implant: 1-year results from a prospective multi-center registry. *Ortho J Sports Med*. *Ortho J Sports Med*. Aug 2021. Aug 13;9 (8):23259671211027850. doi: 10.1177/23259671211027850. 2021 Aug. PMID: 34409115

McIntyre LF, McMillan S, Trenhaile SW, **Bishai SK**, Bushnell BD. Full-Thickness Rotator Cuff Tears Can Be Safely Treated With a Resorbable Bioinductive Bovine Collagen Implant: One-Year Results of a Prospective, Multicenter Registry. *Arthrosc Sports Med Rehabil*. 2021 Aug 20;3(5):e1473-e1479. doi: 10.1016/j.asmr.2021.07.009. 2021 Oct. PMID: 34712984

Bishai SK, King C, Maceroni M, Martinez M. The Anterior-Superior Glenoid Rim Fracture with Anterior Shoulder Dislocations: A Beacon for an Associated Coracoid Fracture, A case report presenting 2 cases of anterior shoulder dislocations with coracoid fractures each with similar glenoid bone loss patterns. *J Surg Elbow Surg Rev*. July 2021. DOI: <https://doi.org/10.1016/j.xrrt.2021.06.002>

McIntyre L, **Bishai SK**, Trenhaile S, Bushnell B. Rotator Cuff Tears Treated with a Bio-Inductive Collagen Implant: 1-Year Results of the REBUILD Registry. Abstract presented to AANA. 2020.

Bishai, SK. Opioid Sparring Pain Management in Orthopaedics. AANA International Newsletter. Online. September 2020.

McIntyre L, **Bishai SK**, Trenhaile S, Bushnell B. Rotator Cuff Tears Treated with a Bio-Inductive Collagen Implant: 1-Year Results of the REBUILD Registry (Abstract submitted to AAOS). 2020.

Bishai SK, Hinz J, Ward LC, Martinez M. Management of Traumatic Coracoid Fracture and Anterior Shoulder Instability with a Modified Arthroscopic Latarjet Technique. Arthro Tech. 2020 Sept; 9 (9): e1341-1348. PMID: 33024675

Plancher KD, Chan JJ, **Bishai SK**, Silane M, Ibrahim TF, Petterson SC. DVT and Pulmonary Embolism Following Knee Arthroscopy: The Role of Genetic Predisposition and Autoimmune Antibodies: A Report of 3 Cases. JBJS Case Connector. 2020 Apr; 10 (2): e0514. doi: 10.2106/JBJS.CC.19.00514. PMID: 32649112

Bishai SK, Ryu RKN, Esch JC. At Issue: Competency to perform surgery Question: Can someone's competency to perform particular orthopedic procedures be tested? If so, how? Orthop Today. 2019 Dec; 39 (12): 4-5.

Schultz K, Osborne J, Nelson K, Potini V, Chen C, Aljuni A, Bedi A, Bookout J, Yusuf M, **Bishai SK**. Intra- and Interobserver Reliability for Predicting Hip Preservation vs. Hip Arthroplasty Utilizing Plain Radiographs with Comparison of Surgeon Specialization. J Hip Preserv Surg, 2020, 7 (1): 70-76. PMID: 32382432

McIntyre L, **Bishai SK**, Trenhaile S, Bushnell B. Partial and Full-Thickness Rotator Cuff Tears Treated with a Bio-Inductive Implant. Arthroscopy. 2019 Aug; 35 (8): 2262-2271. PMID: 31350082

Nelson K, Wortham H, Ward L, **Bishai SK**. Intraoperative detection of *Propionibacterium acnes* in patients with prior shoulder surgery awaiting total shoulder arthroplasty. Posterior Presentation Michigan State University Orthopaedic Surgery Residency Research Day.

Rodenhouse P, **Bishai SK**. Significant Improvement in Pain and ASES Scores After Partial Thickness Rotator Cuff Repair with an Augmentation Using Xenograft Collagen Bioinductive Implant. Posterior Presentation Michigan State University Orthopaedic Surgery Residency Research Day.

Potini V, **Bishai SK**, Bedi A, Bookout JD, Ajluni AF, Yusaf M. Reliability and Utility of Plain Radiographs in the Evaluation of Hip Pain. (Abstract Submitted to American Academy of Orthopaedic Surgeons and Manuscript in preparation). 2017.

Potini V, **Bishai SK**, Bedi A, Bookout JD, Ajluni AF, Yusaf M. Reliability and Utility of Plain Radiographs in the Evaluation of Hip Pain. (Abstract Submitted to American Orthopaedic Association and Manuscript in preparation). 2017.

Arnovsky SP, **Bishai SK**, Sigman S, Schofield B, Bushnell B, Hommen JP, Van Kampen C. Histologic evaluation of biopsy specimens obtained following rotator cuff augmentation with a highly-porous, collagen implant. Poster Presentation Arthroscopy Association of North America (AANA). 2017.

Arnovsky SP, **Bishai SK**, Sigman S, Schofield B, Bushnell B, Hommen JP, Van Kampen C. Histologic evaluation of biopsy specimens obtained following rotator cuff augmentation with a highly-porous, collagen implant. Poster Presentation American Orthopaedic Association. 2016.

Arnovsky SP, **Bishai SK**, Sigman S, Schofield B, Bushnell B, Hommen JP, Van Kampen C. Histologic evaluation of biopsy specimens obtained following rotator cuff augmentation with a highly-porous, collagen implant. Arthroscopy 2017 Feb, 33(2):278-283.

Olson MR, **Bishai SK**. The effective use of Subchondroplasty in a young non-arthritic patient with chronic bone marrow edema: A case presentation. Submitted to Journal of Orthopaedic Case Reports. 2016.

Klean KA, **Bishai SK**, Aronczyk S. Histologic Evaluation of a Biopsy Specimen Obtained 6 Months After Rotator Augmentation with a Highly-Purified, Highly-Porous Collagen Implant. (Abstract Submitted and Manuscript in preparation). 2016.

Bishai SK, Scott N, Maceroni M, Copple MD, Patient Satisfaction Scores After Arthroscopic Surgical Intervention for Isolated Anterior Shoulder Instability; a Minimum Two Year Follow-Up. Pending publication. 2015.

Bishai SK, Freed R. Arthroscopic Delivery of Particulated Juvenile Cartilage for an Acetabular Chondral Defect: A Case Report. Submitted to Journal of Arthroscopy. 2015.

Anderson S, **Bishai SK**. Chronic Traumatically Dislocated Patella for 18 Months in an 18 Year Old: The Measures Necessary to Stabilize. A Case Report. (Manuscript in preparation). 2015.

Reynolds K, **Bishai SK**. In Situ Examination of Zimmer Chondrofix at 18 and 25 Months. Accepted/Presented to OARSI 2014 Paris, France. Poster Presentation #254.

Johnson S, **Bishai SK**, Ajluni AF. Anatomic Anterior Cruciate Ligament Reconstruction with a Single Bundle Technique – Brief Review and Surgical Technique. (Manuscript in preparation). 2013.

Bielfield J, **Bishai SK**. Primary Lymphoma Discovered with Routine Distal Clavicle Excision: Case Report. (Manuscript in preparation), Submitted to J Arthroscopy. 2012.

Copple M, **Bishai SK**. Clinical Results of Arthroscopic Surgical Treatment for Shoulder Instability: A Minimum 2 Year Follow-up. (Manuscript in preparation). 2012.

Blythe J, **Bishai SK**. Surgical Technique: All-inside Arthroscopic Single-Bundle Reconstruction of the Posterior Cruciate Ligament with Secure Joint Line Fixation while Avoiding the Killer Turn. (Manuscript in preparation). 2011.

Bishai, SK, Plancher KP, Areson DG, Briggs K. Correlation of MRI and Physical Exam in Patients Undergoing Unicdylar Knee Arthroplasty: Predictors that Can Guarantee Success. (Manuscript in preparation). 2009.

Plancher KD, Brimhall IK. **Bishai SK**. Correlation of Radiolucency and Patient Outcome After Unicompartmental Knee Arthroplasty. Poster Presentation Osteoarthritis and Cartilage. 2008.

Plancher KD, **Bishai SK**, Ibrahim TF. Patients Undergoing Lateral Unicdylar Knee Arthroplasty: Can We Guarantee Success and Return to Sport? Knee Medicine & Science in Sports & Exercise. May 2008. 40 (5).

Plancher KD, **Bishai SK**, Areson DG. Predictors of Patient Satisfaction Following Unicdylar Knee Arthroplasty. Knee Medicine & Science in Sports & Exercise. May 2008. 40 (Supplement): S61.

Plancher KD, **Bishai SK**. Basics of Elbow Arthroscopy: Setup, Portals, and Technique. Tech Orthop. Special Issue: High Usage Articles 2008, 23(3): 168-178.
Mehlman CT, **Bishai SK**. Tibial Nails for Femoral Shaft Fractures in Large Adolescents With Open Femoral Physes: The Tactic of Tibial Nailing. J Trauma 2007, 62: 1-5.

Plancher KD, **Bishai SK**. Basics of Elbow Arthroscopy: Setup, Portals, and Technique. Tech Orthop 2006, 21(4): 239-249.

Bishai SK, Plancher KD. The Basic Science of Lateral Epicondylitis: Update for the Future. Tech Orthop 2006, 21(4): 250-255.

Plancher KD, Pizà PA, **Bishai SK**. Arthroscopic Management of Lateral Epicondylitis of the Elbow. Tech Orthop 2006, 21(4): 256-265.

Plancher KD, **Bishai SK**. Open Lateral Epicondylectomy: A Simple Technique Update for the 21st Century. Tech Orthop 2006, 21(4): 276-280.

Plancher KD, **Bishai SK**. Anterior Intramuscular Transposition of the Ulnar Nerve. Tech Orthop 2006, 21(4): 311-317.

Tang P, Plancher KD, **Bishai SK**. Anterior Submuscular Transposition of the Ulnar Nerve. Tech Orthop 2006, 21(4): 318-324.

Bishai SK, Plancher KD. Arthroscopic Treatment of the Arthritic Elbow: Ectomy Procedures; Nonprosthetic Treatment. Tech Orthop 2006, 21(4): 340-346.

Bishai SK. Quadratus Plantae: Tibialis Posterior Imposter? J Amer Osteop Acad Orthop 2005, 42(1): 35-37.

Paneth N, Qiu H, Rosenbaum P, Saigal S, **Bishai SK**, Jetton J, den Ouden AL, Broyles S, Tyson J, Kugler K. Reliability of classification of cerebral palsy in low-birthweight children in four countries. Dev Med Child Neurol 2003, 45 (9): 628-633.

Lenski M, **Bishai SK**, Paneth N. Disability information improves reliability of cerebral palsy classification. Dev Med Child Neurol 2001, 43 (8): 574-575.

Paneth N, **Bishai SK**, Saigal S, Rosenbaum P, den Ouden AL, Jetton J, Lenski M. Frequency of cerebral palsy and its diagnostic reliability in several large cohorts. International Congress of Paediatrics, Amsterdam, Holland, August 1998. In: *Abstract book*. The Netherlands: Van Zuiden Communications BV a/d Rijn. p 99.

Bishai SK, Saigal S, Rosenbaum P, Broyles, Paneth N. Level of inter-rater agreement in the diagnosis of disabling and non-disabling cerebral palsy. *Paed Perinatal Epidemiol* 1997; 11: A9.

Paneth N, **Bishai SK**, Qiu H, Jetton J, Saigal S, Rosenbaum P, den Ouden L, Broyles S. Reliability of cerebral palsy diagnosis across international cohorts of low birth weight infants. (manuscript in preparation)

1997 Fish Advisory. **Bishai SK** Michigan Department of Community Health. Lansing, MI, USA

JOURNAL EDITORIAL/REVIEWER BOARD:

- Journal of Shoulder and Elbow Surgeons (JSES), Reviewer
- Journal of Orthopaedic Experience and Innovation (JOEI), Editorial Board

CHAPTER PUBLICATIONS:

Bishai SK, Martinez MM, King C. Chapter 18: Ancillary Partnerships and Income. Resident Orthopaedic Core Knowledge. American Academy of Orthopaedic Surgery. Online Book. <https://rock.aaos.org/coursecontent.aspx?id=6002058>. 2021

Bishai SK, Plancher KP, Areson DG. Chapter 27: Operative Treatment for Comminuted Midshaft Clavicle Fractures and Type IIB Distal Clavicle Fractures with Plating Techniques. Fractures of the Upper Extremity: A Master Skills Publication. American Society for Surgery of the Hand. Budoff J (ed.) 2008.

JOURNAL REVIEWER:

- Journal of Shoulder and Elbow Surgery (JSES)
- Journal of Orthopaedic Experience and Innovation (JOEI)

JOURNAL EDITORIAL BOARD:

- Journal of Orthopaedic Experience and Innovation (JOEI)

JOURNAL EDITOR:

Plancher KD, Bishai SK (Co-editors). Techniques in Orthopaedics for Surgical Management of Complex Elbow Problems: Update 2006. Techniques in Orthopaedics, Volume 26 (4); Dec 2006

PRESENTATIONS:

June 2025 “Rotator Cuff Repair Augmentation: Synthetic Scaffold: Onlay, or Occasionally Inlay”

- 42nd Annual San Diego Shoulder Course
- San Diego, CA

June 2025 “Arthroscopic Free Bone Blocks are the Future: Just Do It! Here’s How”

- 42nd Annual San Diego Shoulder Course
- San Diego, CA

April 2025 “Rotator Cuff Sessions, Technique: Lower Trapezius Transfer”

- Shoulder 360
- South Beach, FL

April 2025 “Enhanced Patient Outcomes Includes Optimized Preoperative Pain Management”

- Shoulder 360
- South Beach, FL

March 2025 “Instructional Course Lecture: Navigating Social Media and Building a Brand for Orthopaedic Surgeons”

- AAOS Annual Meeting
- San Diego, CA

March 2025 “Instructional Course Lecture: Revision Stabilization After Failed Arthroscopic Bankart Repair with Arthroscopic or Open Latarjet ”

- AAOs Annual Meeting
- San Diego, CA

February 2025 “Advances in Shoulder Arthroscopy”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Farmington Hills, MI

January 2025 “Recurrent Shoulder Instability”

- OrthoBullets CoinFlips
- Global Webinar

October 2024 “Instructional Course Lecture: Navigating Social Media and Online Branding for Shoulder and Elbow Surgeons”

- ASES Annual Meeting
- San Antonio, TX

October 2024 “Instructional Course Lecture: Revision Stabilization After Failed Arthroscopic Bankart Repair with Arthroscopic or Open Latarjet ”

- ASES Annual Meeting
- San Antonio, TX

September 2024 “Highly Porous Collagen Matrix Reinforced with Bioresorbable PLLA Microfilament: The New Kid On the Block that Produces Results”

- Orthopaedic Summit Meeting
- Las Vegas, NV

September 2024 “Do You Really Measure Bone Loss? It’s Time to Admit It, Latarjet for Everyone”

- Orthopaedic Summit Meeting
- Las Vegas, NV

September 2024 “The Power of Strategic Partnership in the ASC”

- Orthopaedic Summit Meeting
- Las Vegas, NV

June 2024 “My Favorite Arthroscopic Bone Augmentation Tip/Trick”

- 41st Annual San Diego Shoulder Course
- San Diego, CA

June 2024 “My Very Challenging Shoulder Girdle Fracture Case and What I Learned”

- 41st Annual San Diego Shoulder Course
- San Diego, CA

May 2024 “Defend Your Patch, Rotator Cuff Augmentation”

- Shoulder360 Shoulder Meeting
- Miami, FL

April 2024 “Augmentation of Rotator Cuff Tears”

- OrthoBullets Live
- Webinar

March 2024 “There’s Missing Glenoid Bone: What Do We Do Now?”

- UNLV Kirk Kerkorian School of Medicine Orthopaedic Surgery Grand Rounds, Visiting Professor
- Las Vegas, NV

March 2024 “Rotator Cuff Augmentation”

- OrthoBullets CoinFlips
- Global Webinar

**February 2024 “Instructional Course Lecture:
New Kid on the Block: Lower Trapezius Transfer”**

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- San Francisco, CA

**February 2024 “Instructional Courses Lecture:
Urban Legends vs Evidence Based Medicine in Total Shoulder Arthroplasty”**

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- San Francisco, CA

September 2023 “Reverse Total Shoulder Arthroplasty: Understanding Center of Rotation and the Inlay, Onlay and Flushlay Debate”

- International Congress of Shoulder and Elbow Surgery (ICESES)
- Rome, Italy

September 2023 “Difficult Injuries of the Proximal Humerus”

- International Congress of Shoulder and Elbow Surgery (ICSES) in conjunction with American Shoulder and Elbow Surgery (ASES) Day 0
- Rome, Italy

July 2023 “Do Rotator Cuff Tendon Repairs Really Heal”

- 14th Annual Detroit Medical Center Sports Medicine Symposium
- Plymouth, MI

June 2023 “CASE: 21-year-old Male Recreational Athlete with 7 Anterior Dislocations, 21% Glenoid Bone Loss, and Medium Off-Track Hill-Sachs Lesion. Pro: Arthroscopic Latarjet is My Preferred Technique and Why the Sling Effect Is Important”

- 40th Annual San Diego Shoulder Course
- San Diego, CA

June 2023 “Fracture Sequelae Malunions and Nonunions: What To Do and How To Do It”

- 40th Annual San Diego Shoulder Course
- San Diego, CA

June 2023 “My Very Challenging (and Instructive) Proximal Humerus or Clavicle Fracture Case and What I Learned”

- 40th Annual San Diego Shoulder Course
- San Diego, CA

June 2023 “State of the Art – Comprehensive Management of Complex to Irreparable Rotator Cuff Tears: Lower Trapezius Transfers”

- 40th Annual San Diego Shoulder Course
- DePuy Mitek Lunch Session
- San Diego, CA

May 2023 “The Irreparable Rotator Cuff Tear: Management and Treatment”

- Grandview Hospital/Kettering Health System Orthopaedic Grand Rounds, Visiting Professor
- Dayton, OH

April 2023 “A Retrospective Evaluation of External Rotation at 0° and 90° of Abduction After Arthroscopic Latarjet Procedure”

- Mid-America Orthopaedic Association Annual Meeting

- Miramar Beach, FL

March 2023 “Massive Irreparable Rotator Cuff Tears”

- 4th Shoulder Beyond Arthroscopy Technique Summit
- Hangzhou, Zhejiang, China (Virtual Attendance)

March 2023 “Gluteus Medius/Minimus Tears: What Do We Know and What Do We Do”

- American Academy of Orthopaedic Surgeons Meeting
- ConMed Booth Lecture
- Las Vegas, NV

February 2023 “What to Do with Glenoid Bone Loss”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

January 2023 “There's Missing Glenoid Bone! How to Address Shoulder Instability with Glenoid”

- Michigan Orthopaedic Society Winter Meeting
- Gaylord, Michigan

November 2022 “Anterior Glenoid Bone Loss: So Many Choices, Which One is for You?”

- Orthopaedic Principles
- Global Webinar

November 2022 “What’s Hot in Shoulder: Bio Cuff Patches”

- Biologics Association/American Shoulder and Elbow Surgeons
- Global Webinar

October 2022 “Intra- and interobserver reliability for predicting hip preservation versus hip arthroplasty utilizing plain radiographs with comparison of surgeon specialization”

- ISHA Annual Scientific Meeting
- Glasgow, Scotland

September 2022 “Pro: The Flushlay Design Is So Much Better: What Are You Both Talking About? ”

- Orthopaedic Summit and Evolving Techniques Meeting

- Boston, MA

September 2022 “Pro: Rheumatoid Arthritis: This Is Ridiculous! Conversion To A Reverse Shoulder Arthroplasty Immediately ”

- Orthopaedic Summit and Evolving Techniques Meeting
- Boston, MA

August 2022 “Complications of the Latarjet Procedure, How to Avoid and How to Manage”

- Egyptian Arthroscopy Association Virtual Meeting
- Cairo, Egypt

August 2022 “Principles of Shoulder Arthroplasty”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Virtual Meeting

July 2022 “Management of Irreparable Rotator Cuff Tears in the Non-Arthritic Patient”

- 13th Annual Detroit Medical Center Sports Medicine Symposium
- Plymouth, MI

June 2022 “Glenoid Bone Loss and the Treatment of Off-Track Shoulder Instability”

- Orthopaedic Principles
- YouTube Global Streaming Webcast

June 2022 “Clavicle Fractures: Plate It Right Away”

- San Diego Shoulder Course Annual Meeting
- San Diego, CA

June 2022 “My Worst Case I Ever Had”

- San Diego Shoulder Course Annual Meeting
- San Diego, CA

May 2022 “Tough Cuff: What I Do With Massive Rotator Cuff Tears. Superior Capsular Reconstruction to Lower Trapezius Transfers”

- DePuy Mitek Sports Medicine Spotlight Session
- San Francisco, CA, AANA Meeting

April 2022 “Glenoid Bone Loss and the Latarjet Procedure”

- AOA Spring Meeting
- San Diego, CA

February 2022 “Non-Arthroplasty Management of Irreparable Rotator Cuff Tears”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Virtual Meeting

December 2021 “Tough Cuff: What I Do With Massive Rotator Cuff Tears. Superior Capsular Reconstruction to Lower Trapezius Transfers”

- DePuy Mitek Sports Medicine Spotlight Session
- Las Vegas, NV, Orthopaedic Summit

December 2021 Pro: The Arthroscopic Latarjet: Always Getting Better, Don't Discount It

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2021 Pro: No Way! A Medial Glenosphere With a Medial Humerus Has Been Around Since the Beginning Of Time - Let Me Show You My Results!

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2021 “Evolving Technique: Porous Collagen Sponge With Bioresorbable Microfilaments, Say What?!? Getting the ACL To Heal Better & Faster”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

October 2021 “Setting Up the Operating Room for Success”

- Bard Davol Dinner Meeting, Virtual
- Dallas, TX

October 2021 “Biologics is the Future of Orthopaedics: Replacement of Total Joints by 2030”

- Notre Dame Orthopaedic Society, 25th Annual Meeting
- South Bend, IN

October 2021 “Treatment of Medial to Large Rotator Cuff Tears”

- American Osteopathic Academy of Orthopedics Fall Meeting
- Virtual Meeting

September 2021 “Setting Up the Operating Room for Success”

- Bard Davol Dinner Meeting
- Chicago, IL

August 2021 “Management of Irreparable Rotator Cuff Tears in the Non-Arthritic Patient”

- Egyptian Arthroscopy Association Virtual Meeting
- Virtual Meeting

August 2021 “Shoulder Instability with Glenoid Bone Loss”

- Egyptian Arthroscopy Association Virtual Meeting
- Virtual Meeting

August 2021 “The Principles of Shoulder Arthroplasty”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Virtual Meeting

July 2021 “Management of Irreparable Rotator Cuff Tears in the Non-Arthritic Patient”

- 12th Annual Detroit Medical Center Sports Medicine Symposium
- Virtual Meeting

June 2021 “Bone Block Procedures for Recurrent Instability”

- Dubai Shoulder Course
- Virtual Meeting

June 2021 “Proximal Humerus Fractures: Open Reduction Internal Fixation”

- San Diego Shoulder Course Annual Meeting
- Virtual Meeting

June 2021 “Tough Cuff: What I Do With Massive Rotator Cuff Tears. Lower Trapezius Transfers”

- DePuy Mitek Sports Medicine Webinar

May 2021 “Ambulatory Surgery Center Trends in the United States”

- DePuy Mitek Sports Medicine Global Webinar, China

May 2021 “Considerations for Fellows in the ASC/Outpatient Setting”

- DePuy Mitek Sports Medicine Webinar

April 2021 “DePuy Shoulder Open Mic: Competitive Edge - Reverse Glenoid Session

- DePuy Mitek Sports Medicine Webinar

April 2021 “DePuy Shoulder Open Mic: Competitive Edge - Reverse Stem Session

- DePuy Mitek Sports Medicine Webinar

April 2021 “Advancements in Shoulder Arthroscopy: Large to Irreparable Rotator Cuff Tears”

- American Osteopathic Academy of Orthopedics Spring Meeting
- Virtual Meeting

March 2021 “Tough Cuff: What I Do With Massive Rotator Cuff Tears”

- DePuy Mitek Sports Medicine Webinar

February 2021 “A Comprehensive Review of Traumatic Shoulder Instability”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Virtual Meeting

February 2021 “A Comprehensive Review of Traumatic Shoulder Instability, Case Presentation”

- Michigan State University College of Human Medicine Orthopaedic Surgery Grand Rapids/Spectrum Grand Rounds, Statewide Campus System
- Virtual Meeting

December 2020 “Shoulder Reconstruction”

- AO Davos Courses AO Recon Online Seminar - Shoulder Arthroplasty on Revisions and Complications
- Virtual Meeting

October 2020 “Osteochondral Lesions of the Knee”

- American Osteopathic Academy of Orthopedics Fall Meeting

- Virtual Meeting

August 2020 “The Principles of Shoulder Arthroplasty”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Virtual Meeting

July 2020 “AC Joint Separations: Acute to Chronic. An Update for 2020”

- 3rd Annual Dubai Shoulder Course Webinar
- Dubai, U.A.E. Virtual Meeting

June 2020 “The Evolution of Insufficiency Fracture Treatment”

- Anika Therapeutics Webinar

June 2020 “The Use of Hemostates in Orthopaedic Surgery”

- BD Webinar

March 2020. “Proximal Humerus Fractures”

- DePuy Synthes Arthrotopic Webinar

February 2020 “Soft Tissue and Bony Treatment for On-Track and Off-Track Shoulder Instability”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

February 2020 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Cincinnati, OH

January 2020 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Columbus, OH

December 2019 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Cleveland, OH

October 2019 “Complex Knee Panel”

- Michigan Orthopaedic Surgery

- Grand Rapids, MI

September 2019 “Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant”

- Smith and Nephew Meeting
- Saginaw, MI

September 2019 “Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant”

- Smith and Nephew Meeting
- Flint, MI

August 2019 “The Principles of Shoulder Arthroplasty”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

July 2019 “Bony Deficiency Shoulder Instability and the Latarjet Procedure”

- 11th Annual Detroit Medical Center Sports Medicine Symposium
- Detroit, MI

July 2019 “Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant”

- Smith and Nephew Meeting
- Columbus, OH

June 2019 “Clavicle Fractures: Plate It Right Away”

- 36th Annual San Diego Shoulder Course
- San Diego, CA

June 2019 “Proximal Humerus Fracture Case”

- 36th Annual San Diego Shoulder Course
- San Diego, CA

April 2019 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Cleveland, OH

March 2019 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting

- Palm Beach, FL

February 2019 “Soft Tissue and Bony Treatment for On-Track and Off-Track Shoulder Instability”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

January 2019 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Toledo, OH

January 2019 “Managing Glenoid Bone Loss”

- AOA Shoulder Arthroscopy Course
- Troy, MI

January 2019 “Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant”

- Smith and Nephew Meeting
- Toledo, OH

December 2018 “Pro: The Role of Particulated Juvenile Cartilage Allograft & Decellularized Osteochondral Allografts To Solve The Problem”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2018 “Evolving Technique Update: Advances in Hamstring ACL: Adjustable Loop Cortical Fixation”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2018 “Anatomic Multi-ligament Reconstruction and Meniscal Repair: Innovative Techniques and Approach”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2018 “The Management of Bone Marrow Lesions”

- Arthrex Lunch OSET Meeting
- Las Vegas, NV

October 2018 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Cincinnati, OH

September 2018 “The Management of Bone Marrow Lesions”

- Arthrex Dinner Meeting
- Orlando, FL

August 2018 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Kalamazoo, MI

August 2018 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer National Residents Course
- Chicago, IL

July 2018 “Bony Deficiency Shoulder Instability and the Latarjet Procedure”

- 10th Annual Detroit Medical Center Sports Medicine Symposium
- Detroit, MI

July 2018 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Portland, OR

June 2018 “The Use of Arista AH in Orthopaedic Surgery”

- Bard Davol Dinner Meeting
- Fort Worth, TX

June 2018 “Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant”

- Smith and Nephew Dinner Meeting
- Philadelphia, PA

June 2018 “Acromioclavicular Separations, Grade 4 and 5: Diagnosis and Management”

- 35th Annual San Diego Shoulder Course
- San Diego, CA

June 2018 “Managing Proximal Humerus Fractures: When to Plate, Nail or Replace?”

- 35th Annual San Diego Shoulder Course
- DePuy Synthes Offsite Meeting
- San Diego, CA

June 2018 “Cartilage Reconstruction and Joint Preservation: ACI vs. MACI”

- 13th International Congress AMECRA Meeting
- Puerto Vallarta, Jal., Mexico

June 2018 “Soft Tissue and Bony Treatment for On-Track and Off-Track Shoulder Instability”

- 13th International Congress AMECRA Meeting
- Puerto Vallarta, Jal., Mexico

May 2018 “The Management of Bone Marrow Lesions”

- Arthrex Dinner Meeting
- Philadelphia, PA

May 2018 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer Regional Residents Course
- Birmingham, MI

April 2018 “An Evening of Case Studies – Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant” - A Panel Discussion

- Arthroscopy Association of North America (AANA) Spring Meeting
- Smith and Nephew Off Site Meeting
- Chicago, IL

April 2018 “My Way of Repairing the Posterior Bankart Tear”

- 2nd Annual Dubai Shoulder Course
- Dubai, U.A.E.

April 2018 “Do We Really Need to Do an Acromioplasty?”

- 2nd Annual Dubai Shoulder Course
- Dubai, U.A.E.

April 2018 “The Use of Xenograft in Rotator Cuff Augmentation –

When and How Do They Do"

- 2nd Annual Dubai Shoulder Course
- Dubai, U.A.E.

April 2018 "The Use of Arista AH in Orthopaedic Surgery"

- Bard Davol Dinner Meeting
- Scottsdale, AZ

March 2018 "An Evening of Case Studies – Improving Biology and Patient Outcomes with the Smith and Nephew Bioinductive Implant" - A Panel Discussion

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Smith and Nephew Off Site Meeting
- New Orleans, LA

February 2018 "Intraosseous Bioplasty: Indications and Treatment Options

- Arthrex Peer-to-Peer Meeting
- Miami, FL

February 2018 "Soft Tissue and Bony Treatment for On-Track and Off-Track Shoulder Instability"

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

December 2017 "Debate: Combined ACL and Grade III MCL Injury in a 37-Year-Old Tennis Player: Surgery and Timing"

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2017 "System Innovations for the Approach, Reconstruction and Repair of ACL and Meniscal Tears"

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2017 "The Use of Biologics in Orthopaedics"

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV
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December 2017 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2017 “Off the Shelf Osteochondral Allografts: Do They Fail Over Time or Is It a Simple Solution?”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

October 2017 “Intraoperative Detection of *P. acnes* in Patients Shoulder Surgery Awaiting Total Shoulder Arthroplasty”

- American Osteopathic Academy of Orthopaedics (AOAO) Annual Meeting
- Chicago, IL

August 2017 “The Principles of Shoulder Arthroplasty”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

August 2017 “Reverse Total Shoulder Arthroplasty: Design Principles”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

July 2017 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Meeting
- Grand Rapids, MI

June 2017 “Bony Deficiency Shoulder Instability and the Latarjet Procedure”

- 9th Annual Detroit Medical Center Sports Medicine Symposium
- Detroit, MI

June 2017 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Meeting
- Cincinnati, OH

March 2017 “Innovative Solutions for Bone Marrow Lesions – The Subchondroplasty Procedure” - A Panel Discussion

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Off Site Meeting
- San Diego, CA

February 2017 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Meeting
- Valparaiso, IN

February 2017 “Soft Tissue and Bony Treatment for Shoulder Instability”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

February 2017 “SLAP and Biceps Pathology: What Treatment is Best?”

- Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Combined Grand Rounds, Statewide Campus System
- Troy, MI

January 2017 “Superior Capsular Reconstruction: What to do for an Irreparable Rotator Cuff Tear”

- MSUCOM Resident Shoulder Arthroscopy Course
- Troy, MI

January 2017 “Managing Glenoid Bone Loss”

- MSUCOM Resident Shoulder Arthroscopy Course
- Troy, MI

January 2017 “Managing Glenoid Bone Loss”

- AOA Shoulder Arthroscopy Course
- Troy, MI

December 2016 “Juvenile Cartilage: Does It Have Any Merit”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2016 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

November 2016 “Anterior Cruciate Reconstruction Using the Accessory Anteromedial Portal For Anatomic Femoral Footprint Positioning”

- Chinese Orthopaedic Association (COA) Annual Meeting
- Beijing, China

June 2016 “Xenograft Treatment for Partial Rotator Cuff Tears”

- 8th Annual Detroit Medical Center Sports Medicine Symposium
- Detroit, MI

March 2016 “Video Production for Orthopaedic Surgeons: Getting the Award, Making the Difference”

- AAOS Annual Meeting Instructional Course Lecture
- Orlando, FL

March 2016 “Innovative Solutions for Joint Preservation with *DeNovo* NT Natural Graft and GelOne” - A Panel Discussion

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Off Site Meeting
- Orlando, FL

March 2016 “Innovative Solutions for Joint Infection” - A Panel Discussion; Resident-Fellow Meeting

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Off Site Meeting
- Orlando, FL

February 2016 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Meeting
- New York, NY

January 2016 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Meeting
- New York, NY

January 2016 “Bony Deficiency Shoulder Instability and Latarjet Procedure”

- American Osteopathic Academy of Orthopaedics (AOAO) Shoulder Skills Lab
- Indianapolis, IN

December 2015 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

December 2015 “Juvenile Cartilage: Does It Have Any Merit”

- Orthopaedic Summit and Evolving Techniques Meeting
- Las Vegas, NV

October 2015 “Shoulder Instability: Soft Tissue and Bony Deficiency”

- American Osteopathic Academy of Orthopaedics (AOAO) Annual Meeting
- Colorado Springs, CO

August 2015 “Early Intervention Options for Joint Preservation and Joint Preservation with Subchondroplasty”

- Physican Assistants of Orthopaedic Surgery (PAOS) Annual Meeting
- Chicago, IL

July 2015 “Hip Arthroscopy, Basics and Treatment Options”

- 7th Annual Detroit Medical Center Sports Medicine Symposium
- Detroit, MI

July 2015 “Early Intervention Options for Joint Preservation”

- American Orthopaedic Society of Sports Medicine (AOSSM) Meeting
- Orlando, FL

June 2015 “Advancing the Science of Cartilage Repair: DeNovoNT Natural Tissue Graft

- Zimmer Canada National Webinar

May 2015 “Early Intervention Options for Joint Preservation”

- Zimmer Peer-to-Peer Meeting
- Cherry Hill, NJ

April 2015 “In Situ Evaluation of Chondrofix Osteochondral Allograft 25 Months Following Implantation, A Case Report.” Poster Presentation

- Osteoarthritis Research Society International (OARSI) Annual Meeting
- Paris, France

March 2015 “Results of DeNovo Chondral Allograft for the Knee”

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Theater Podium Lecture
- Las Vegas, NV

March 2015 “Innovative Solutions for Joint Preservation with *DeNovo* NT Natural Graft and *Chondrofix* Osteochondral Allograft” - A Panel Discussion

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Off Site Meeting
- Las Vegas, NV

March 2015 “Early Intervention Options for Joint Preservation”

- Zimmer Comprehensive Meeting
- Phoenix, AZ

March 2015 “Joint Preservation with Subchondroplasty”

- Zimmer Comprehensive Meeting
- Phoenix, AZ

February 2015 “Early Intervention Options for Joint Preservation”

- Zimmer Comprehensive Meeting
- Orlando, FL

February 2015 “Joint Preservation with Subchondroplasty”

- Zimmer Comprehensive Meeting
- Orlando, FL

December 2014 “Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Subchondroplasty Meeting
- Minneapolis, MN

November 2014 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- Banff, CA

October 2014 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- Montreal, QC

October 2014 “Treatment of Partial Thickness Rotator Cuff Tears: Filling the Void”

- Rotation Medical, Peer-to-Peer Meeting
- Los Angeles, CA

September 2014 “Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Subchondroplasty Meeting
- Chattanooga, TN

August 2014 “Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Subchondroplasty Meeting
- Louisville, KY

July 2014 “Shoulder Instability: Outcomes and What Do the Numbers Show”

- 6th Annual Detroit Medical Center Sports Medicine Symposium
- Detroit, MI

June 2014 “Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Subchondroplasty Meeting
- Perrysburg, OH

May 2014 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- Ottawa, ON

May 2014 “Joint Preservation with Subchondroplasty”

- Zimmer Peer-to-Peer Subchondroplasty Meeting
- Dallas, TX

May 2014 “Treatment of Labral Tears in Patients Over 40 Years of Age”

- American Osteopathic Academy of Orthopedics 54th Annual Postgraduate Seminar
- Dallas, TX

May 2014 “Novel Strategies for the Treatment of Articular Cartilage Injuries”

- Zimmer Early Intervention Course
- Minneapolis, MN

April 2014 “Joint Preservation with Subchondroplasty”

- Zimmer Early Intervention Course
- St. Louis, MO

March 2014 “Results of DeNovo Chondral Allograft for the Knee”

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Theater Podium Lecture
- New Orleans, LA

March 2014 “Innovative Solutions for Joint Preservation with *DeNovo* NT Natural Graft and *Chondrofix* Osteochondral Allograft” - A Panel Discussion

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Off Site Meeting
- New Orleans, LA

February 2014 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- Edmonton, AL

February 2014 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Detroit Medical Center Visiting Professor
- Detroit, MI

February 2014 “The Proximal Biceps and Proximal Biceps Pathology”

- Detroit Medical Center Visiting Professor
- Detroit, MI

October 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- Calgary, AL

September 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- London, ON

June 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix, DeNovo and GelOne Meeting
- Madison, WI

April 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Canada, Peer-to-Peer DeNovo Meeting, Webinar
- Toronto, ON

April 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix, DeNovo and GelOne Meeting
- Danville, PA

March 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix, DeNovo and GelOne Meeting
- Pittsburgh, PA

March 2013 “Innovative Solutions for Joint Preservation with *DeNovo* NT Natural Graft and *Chondrofix* Osteochondral Allograft”

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Theater Podium Lecture
- Chicago, IL

March 2013 “Innovative Solutions for Joint Preservation with *DeNovo* NT Natural Graft and *Chondrofix* Osteochondral Allograft” - A Panel Discussion

- American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting
- Zimmer Off Site Meeting
- Chicago, IL

February 2013 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Detroit Academy of Orthopaedic Surgery

- Troy, MI

November 2012 “Hip Arthroscopy: The Supine Position”

- DePuy Mitek Professional Education Meeting: Hip Arthroscopy Course
- Las Vegas, NV

November 2012 “Proximal Biceps Pathology”

- DePuy Mitek Professional Education Meeting
- Auburn Hills, MI

October 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix, DeNovo and GelOne Meeting
- DuBois, PA

September 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix, DeNovo and GelOne Meeting
- Chicago, IL

September 2012 “Proximal Biceps Pathology”

- DePuy Mitek Professional Education Meeting: Shoulder/Knee Course
- Miami, FL

August 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix, DeNovo and GelOne Meeting
- Lansing, MI

August 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer National Resident’s Course
- Chicago, IL

June 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix and DeNovo Meeting
- Perrysburg, OH

May 2012 “The Basics of Hip Arthroscopy: Indications and Setup”

- American Osteopathic Academy of Orthopedics 52nd Annual Postgraduate Seminar
- White Sulpher Springs, WV

May 2012 “Shoulder Instability: Outcomes and What Do the Numbers Show”

- American Osteopathic Academy of Orthopedics 52nd Annual Postgraduate Seminar
- White Sulpher Springs, WV

April 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Peer-to-Peer Chondrofix and DeNovo Meeting
- Troy, MI

March 2012 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- Zimmer Great Lakes Corporate Meeting
- Plymouth, MI

January 2012 “Orthopaedic Surgical Anatomy: The Shoulder and The Elbow”

- Post-Graduate Year 2 Resident Anatomy Series
- East Lansing, Michigan

October 2011 “The Long Head of the Biceps Tendon: Pathology and Treatment”

- American Osteopathic Academy of Orthopedics, 84th Annual Clinical Assembly
- Chicago, IL

September 2011 “Cartilage Restoration and Joint Preservation: What Options Do We Have?”

- 5th Annual Rehab at OneBeaumont Symposium
- Royal Oak, MI

January 2011 “Orthopaedic Surgical Anatomy: The Shoulder and The Elbow”

- Post-Graduate Year 2 Resident Anatomy Series
- East Lansing, Michigan

January 2010 “Orthopaedic Surgical Anatomy: The Shoulder and The Elbow”

- Post-Graduate Year 2 Resident Anatomy Series
- East Lansing, Michigan

October 2009 “Glenohumeral Arthritis in the Middle-Aged Patient”

- American Osteopathic Academy of Orthopedics, 82th Annual Clinical Assembly
- Boston, Massachusetts

January 2009 “Orthopaedic Surgical Anatomy: The Shoulder and The Elbow”

- Post-Graduate Year 2 Resident Anatomy Series
- East Lansing, Michigan

October 2008 “Predictors of Patient Satisfaction Following Unicondylar Knee Arthroplasty”

- Eastern Orthopaedic Association, 39th Annual Meeting, Poster Presentation
- Henderson, Nevada

September 2008 “Correlation of Radiolucency and Patient Outcome After Unicompartmental Arthroplasty: A 2-6 Year Follow-up

- 2008 World Congress of Osteoarthritis, OsteoArthritis Research Society International (OARSI)
- Rome, Italy

May 2008 “Patients Undergoing Lateral Unicondylar Knee Arthroplasty: Can We Guarantee Success and Return to Sport?”

- 2008 American College of Sports Medicine, 55th Annual Meeting
- Indianapolis, Indiana

January 2008 “Orthopaedic Surgical Anatomy: The Shoulder and The Elbow”

- Post-Graduate Year 2 Resident Anatomy Series
- East Lansing, Michigan

December 2007 “Patients Undergoing Lateral Unicondylar Knee Arthroplasty: Can We Guarantee Success and Return to Sport?”

- 2007 World Congress of Osteoarthritis, OsteoArthritis Research Society International (OARSI)
- Ft. Lauderdale, Florida

December 2007 “Correlation of MRI with Physical Exam in Patients Undergoing Unicondylar Knee Arthroplasty: Can We Guarantee Success?”

- 2007 World Congress of Osteoarthritis, OsteoArthritis Research Society International (OARSI), Poster Presentation
- Ft. Lauderdale, Florida

October 2007 “Lateral Epicondylitis: Management and Treatment”

- American Osteopathic Academy of Orthopedics, 80th Annual Clinical Assembly
- San Francisco, California

May 2007 “Partial Rotator Cuff Tears: What Do We Do With Them?”

- American Osteopathic Academy of Orthopedics, 47th Annual Meeting
- Atlanta, Georgia

May 2007 “Subpectoral and Intertubercular Tenodesis of the Biceps”

- American Osteopathic Academy of Orthopedics, 47th Annual Meeting
- Atlanta, Georgia

June 2006 “Femoral Shaft Fractures in Large Adolescents With Open Femoral Physes: The Tactic of Tibial Nailing”

- Michigan State University Statewide Campus Orthopaedic Surgery Research Day, 3rd Place
- East Lansing, MI, USA

June 2006 “Femoral Shaft Fractures in Large Adolescents With Open Femoral Physes: The Tactic of Tibial Nailing”

- Henry Ford Bi-County Hospital Research Symposium, Poster, 1st Place
- Warren, MI, USA

May 2005 “Femoral Shaft Fractures in Large Adolescents With Open Femoral Physes: The Tactic of Tibial Nailing”

- Michigan Osteopathic Academy of Orthopaedic Surgeons, 2nd Place for Best Resident Paper
- Troy, MI, USA

May 2005 “Femoral Shaft Fractures in Large Adolescents With Open Femoral Physes: The Tactic of Tibial Nailing”

- Detroit Academy of Orthopaedics
- Troy, MI, USA

February 2000 "Level of Interrater Agreement in the Diagnosis of Disabling and Non-Disabling Cerebral Palsy"

- Michigan State University College of Human Medicine, Department of Epidemiology, East Lansing, MI, USA
- Defense of Masters Thesis

June 1997 "Level of Interrater Agreement in the Diagnosis of Disabling and Non-Disabling Cerebral Palsy"

- Society of Pediatric and Epidemiologic Research
- 1997 Conference, Edmonton, Alberta, Canada

April 1996 "A Shigellosis Outbreak of an Apparently Unrelated Nature in Detroit."

- Michigan State University College of Human Medicine, Program in Epidemiology to members of the Michigan Department of Public Health, East Lansing, MI, USA

October 1995 "The Effects of Moderate Drinking During Pregnancy on Birth Weight."

- Michigan State University College of Human Medicine, Program in Epidemiology, East Lansing, MI, USA

VIDEO PUBLICATIONS:

Rotator Cuff Repair with DynaSeal Technique Including Biologic/Structural Augmentation. Vumedi 2022.

ACL Repair with a Biologic and Synthetic Biocomposite Augmentation. Vumedi 2021.

Arthroscopic-Assisted Lower Trapezius Transfer with Achilles Allograft and Suprascapular Nerve Decompression. Vumedi 2021.

Arthroscopic-Assisted Lower Trapezius Transfer with Achilles Allograft and Suprascapular Nerve Decompression. AAOS Orthopaedic Video Theater 2021.

Complete Footage of an Arthroscopic Latarjet for an Off-Track Lesion with Anterior Instability. AAOS Orthopaedic Video Theater 2021.

Management of Traumatic Coracoid Fracture and Anterior Shoulder Instability with a Modified Arthroscopic Latarjet Technique. AAOS Orthopaedic Video Theater 2021.

Humeral Head and Glenoid Reconstruction with Fresh Allograft for Fixed Anterior Shoulder Dislocation. Vumedi 2021.

Humeral Head and Glenoid Reconstruction with Fresh Allograft for Fixed Anterior Shoulder Dislocation. AAOS Orthopaedic Video Theater 2021.

Arthroscopic Internal Fixation for Coracoid Fractures. AAOS Orthopaedic Video Theater 2021.

Rotator Cuff Repair of a Full-Thickness Supraspinatus Tear with a Bioabsorbable Wick and Smart Suture. Vumedi 2021.

AC Joint Reconstruction of Both Coracoclavicular and Acromioclavicular Ligaments Using the Xiros Infinity Lock. Vumedi 2020.

Management of Traumatic Coracoid Fracture and Anterior Shoulder Instability with a Modified Arthroscopic Latarjet Technique. Vumedi 2020.

Arthroscopic Internal Fixation for Coracoid Fractures. Vumedi 2020.

Arthrex Presents: Orthobiologics Summer Showcase. Live Webinar 2018.

Complete Footage of an Arthroscopic Latarjet for an Off-Track Lesion with Anterior Instability. Vumedi 2017.

A Novel Arthroscopic Technique with the Use of a Tibial Plafond Allograft for Posterior Glenoid Bone Loss. Vumedi 2017.

Labral Base Mattress Stitch Technique for the Hip Using the Mitek ProKnot Anchor. VuMedi 2014.

A Novel 2 Portal Technique for SLAP Repair Using Navaiser's Portal with Mitek Chia. VuMedi 2013.

Remplissage Procedure for a Large Hill-Sachs Lesion Using Mitek Helix TransTend Anchors. VuMedi 2013.

Arthroscopic Chondral Allografting of the Acetabulum with Zimmer DeNovo.
Zimmer Institute Videos 2013.

Arthroscopic Supraperectoral Biceps Tenodesis using the DePuy Mitek Tendon Fork
and a Milagro Screw. VuMedi 2012.

VISITING PROFESSORSHIP:

- Xi'an Red Cross Hospital - Dr. Zheng Jiang, November 2016
 - Xi'an, China
- Xi'an Xijing Hospital - Dr. Zhang Chunli, November 2016
 - Xi'an, China
- Xiamen, PLA 174 Hospital - Dr. Huang Changming, November 2016
 - Xiamen, China
- Xiamen University First Hospital - Vice president Guo Yang, November 2016
 - Xiamen, China
- Detroit Medical Center Sports Medicine – Dr. Steve Lemos, February 2014
 - Detroit, Michigan, USA

LIVE SURGERIES:

- ACL Reconstruction
 - ISKSAA GLOBAL SUMMIT 2016, Delhi, India
 - V B Bhasin, MD, Moderator
- Rotator Cuff Repair
 - ISKSAA GLOBAL SUMMIT 2016, Delhi, India
 - Sachin Tapasvi, MD, Moderator

COURSE CHAIRPERSON:

January 2019 AOA Shoulder Skills Lab (CME), Shoulder Arthroscopy Course Chair

- American Osteopathic Academy of Orthopedics Sports Section
- Las Vegas, NV

January 2018 AOA Shoulder Skills Lab (CME), Shoulder Arthroscopy Course Chair

- American Osteopathic Academy of Orthopedics Sports Section
- Las Vegas, NV

January 2017 AOA Shoulder Skills Lab (CME), Shoulder Arthroscopy Course Chair

- American Osteopathic Academy of Orthopedics Sports Section
- Indianapolis, IN

January 2017 MSUCOM Resident Shoulder Arthroscopy Course Chair

- Arthrex, Pinnacle Orthopaedics
- Troy, MI

January 2016 AOA Shoulder Skills Lab (CME), Shoulder Arthroscopy Course Chair

- American Osteopathic Academy of Orthopedics Sports Section
- Indianapolis, IN

July 2015 AOA Shoulder Skills Lab (CME), Shoulder Arthroscopy Course Chair

- American Osteopathic Academy of Orthopedics Sports Section
- Indianapolis, IN

July 2014 AOA Hip Skills Lab (CME), Hip Arthroscopy Course Chair

- American Osteopathic Academy of Orthopedics Sports Section
- Indianapolis, IN

May 2013 AOA Sports Medicine Shoulder and Knee Lab (Non-CME)

- American Osteopathic Academy of Orthopedics, 53th Annual Meeting
- Miami FL

MEETING MODERATOR:

April 2018 KNEE SECTION

- Arthroscopy Association of North America Annual Meeting
- Chicago, IL

October 2014 SPORTS SECTION

- American Osteopathic Academy of Orthopedics, 87th Annual Clinical Assembly
- Los Angeles, CA

October 2009 SPORTS SECTION

- American Osteopathic Academy of Orthopedics, 82th Annual Clinical Assembly
- Boston, Massachusetts

PODCASTS:

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- Biologics in Sports Medicine. Doctors Radio Sirius XM. September 22, 2017.
 - Team Latarjet. The Ortho Show. July 15, 2020.

PROFESSIONAL EDUCATION FACILITY:

-
- Zimmer National Residents' Course: Chicago, IL. August 2012
 - DePuy Mitek Shoulder/Knee Course: Miami, FL. September 2012
 - DePuy Mitek Hip Arthroscopy Course: Las Vegas, NV. November 2012
 - DePuy Mitek Local Professional Education: Auburn Hills, MI. November 2012
 - DePuy Mitek Shoulder Course: Las Vegas, NV. Emerging Techniques in Orthopaedics. December 2012
 - DePuy Mitek Hip Arthroscopy Course: Boston, MA, April 2013
 - Mitek Sports Medicine Fellows Course: Miami, FL. May 2013
 - American Osteopathic Academy of Orthopaedics Shoulder and Knee Lab: Miami, FL. May 2013.
 - Mitek Sports Medicine Shoulder Course: Las Vegas, NV. Emerging Techniques in Orthopaedics. December 2013
 - Mitek Sports Medicine Hip Arthroscopy Course: Boston, MA, May 2014
 - Zimmer Early Intervention Course: St. Louis, MO. April 2014
 - Zimmer Early Intervention Course: Minneapolis, MN. May 2014
 - Mitek Sports Medicine Masters Shoulder Course: Boston, MA. October 2014
 - AANA Zimmer Focus Demonstration: Palm Desert, CA. November 2014
 - Zimmer Early Intervention Course. CME Orthopaedic Summit: Las Vegas, NV. December 2014

- Mitek Sports Medicine Shoulder Instability Course: Grand Rapids, MI. January 2015.
- Zimmer Early Intervention Course: Orlando, FL. February 2015.
- Zimmer Early Intervention Course: Phoenix, AZ. March 2015.
- Mitek Sports Medicine Fellows Course: Miami, FL. May 2015.
- DePuy Comprehensive Shoulder Course: Las Vegas, NV. September 2015.
- DePuy Anatomic to Reverse Shoulder Arthroplasty Course: Denver, CO. October 2015.
- DePuy Comprehensive Knee Course: Tampa, FL. October 2015.
- Mitek Sports Medicine Masters Shoulder Course: Tampa, FL. October 2015.
- AANA Zimmer Focus Demonstration: Dallas, TX. November 2015.
- Mitek Sports Medicine Fellows Course: Las Vegas, NV. March 2016.
- AAOS OLC Cartilage Course: Chicago, IL. March 2016.
- DePuy Anatomic to Reverse Shoulder Arthroplasty Course: Atlanta, GA. May 2016.
- Mitek Sports Medicine Shoulder and Knee Course: Chicago, IL. May 2016.
- Esch San Diego Shoulder Course: San Diego, CA. June 2016.
- DePuy Anatomic to Reverse Shoulder Arthroplasty Course: Chicago, IL. August 2016.
- AANA Zimmer Focus Demonstration: Las Vegas, NV. November 2016.
- AAOS Zimmer Subchondroplasty Demonstration: San Diego, CA. March 2017.
- Mitek Sports Medicine Fellows Course: Chicago, IL. May 2017.
- DePuy Comprehensive Shoulder Course: Boston, MA. June 2017.
- Esch San Diego Shoulder Course: San Diego, CA. June 2017.
- AANA OLC Cartilage Course: Chicago, IL. July 2017.
- DePuy Anatomic to Reverse Shoulder Arthroplasty Course: Chicago, IL. August 2017.
- AANA OLC Shoulder Course: Chicago, IL. October 2017.
- DePuy Shoulder-Knee Course: Miami, FL. October 2017.
- Esch San Diego Shoulder Course: San Diego, CA. June 2018.
- AANA OLC Shoulder Course: Chicago, IL. July 2018.
- Zimmer National Residents' Course: Chicago, IL. August 2018
- DePuy Shoulder-Knee Course: Chicago, FL. September 2018.
- DePuy Masters Shoulder Course: Palm Beach Gardens, FL. September 2018.
- AANA OLC Knee and Cartilage Course: Chicago, IL. November 2018.
- DePuy Mitek OSET Sports Medicine and Shoulder Course: Las Vegas, NV. December 2018.
- AANA Shoulder Superstars: Chicago, IL. April 2019.

- DePuy Mitek Fellows Course: Chicago, IL. April 2019.
- Esch San Diego Shoulder Course: San Diego, CA. June 2019.
- DePuy Mitek Fellows Course: Tampa, FL. November 2019.
- DePuy Mitek OSET Sports Medicine and Shoulder Course: Las Vegas, NV. December 2019.
- DePuy Mitek Virtual Fellows Course. May 2020.
- AO Reconstruction Shoulder Seminar: Davos, Switzerland, webinar. December 2020.
- DePuy Mitek Fellows Course: Chicago, IL. May 2021.
- DePuy Mitek Complex Shoulder Pathology and Treatment: Chicago, IL. September 2021.
- DePuy Mitek Comprehensive Sports Course. Las Vegas, Orthopaedic Summit. December 2021.
- DePuy Mitek Complex Shoulder Pathology and Treatment: San Diego, CA, February 2022.
- DePuy Mitek Fellows Course: Chicago, IL. April 2022.
- DePuy Mitek Complex Shoulder Pathology and Treatment: San Francisco, CA. September 2022.
- DePuy Mitek Shoulder Reconstruction Meeting: San Francisco, CA, September 2022.
- DePuy Mitek Complex Shoulder Pathology and Treatment: Course Chairperson. Chicago, IL. March 2023.
- AOSSM Complex Shoulder Course. Rosemont, IL. October 2024.

INDUSTRY EDUCATION FACULTY:

-
- DePuy Synthes Shoulder Platform, Ask the Experts Series. April 2021
 - DePuy Synthes Shoulder Platform, National Sales Meeting. March 2021. Virtual
 - Smith & Nephew Sales School, Boston MA. July 2019.
 - Rotation Medical Sales School, Minneapolis, MN. November 2016.
 - DePuy Mitek Hip School: Raynham, MA. February 2013
 - Zimmer National Sales Meeting: San Antonio, TX. February 2013.

CORPORATE ADVISORY COMMITTEES:

-
- DePuy Mitek
 - Kaliber Labs

- Sparta
- SutureTech
- Ocean Orthopaedics
- Arthrex (formally)

RESEARCH:

June 2022-present; Multi-center

- Lower Trapezius Transfer
 - Outcome Studies
 - Investigator

January 2021-present

- Arthroscopic Latarjet
 - Outcome Studies
 - Investigator

July 2006-July 2012; Orthopaedic Foundation for Active Lifestyles, Cos Cob, CT

- Unicompartmental Knee Arthroplasty
 - Outcome Studies
 - Investigator

July 2006-July 2007; Pfizer, Orthopaedic Foundation for Active Lifestyles, Cos Cob, CT

- Gastrointestinal Randomized Event and Safety Open-Label Nonsteroidal Anti-inflammatory Drugs (NSAID) Study of Celebrex Compared with Non-Selective NSAIDs in Osteoarthritis Patients
- Sub-Investigator

July 2006-July 2007; Segakaku Corporation, Orthopaedic Foundation for Active Lifestyles, Cos Cob, CT

- Segakaku Corporation: Study of a Single Intra-Articular Injection of Gel-200 with a Single Intra-Articular Injection of Phosphate Buffered Saline in Osteoarthritis of the Knee
- Sub-Investigator

July 2006-July 2007; Pfizer, Orthopaedic Foundation for Active Lifestyles, Cos Cob, CT

- Celecoxib versus Tramadol for the treatment of Low Back Pain
- Sub-Investigator

June 1996 – February 2000; Department of Epidemiology, Michigan State University

- *Level of Interrater Agreement in the Diagnosis of Disabling and Non-Disabling Cerebral Palsy*
- Following a cohort of low birthweight children, the interrater variability and kappa statistic was assessed between the children's original diagnosis and the diagnosis of 6 raters around the world

July 1994 - January 1995; Department of Surgery, Michigan State University

- *Chance of Multiple Organ Failure After Experience of Hemorrhage, Sepsis, and Trauma Using Hepatocyte Cells*
- Principal Investigators: Dr. Alfred Ayala and Dr. Irshad Chaudry.
- Used Hepa 1-6 Hepatocyte cells to understand the dose necessary to cause multiple organ failure in cells in the presence of Tumor Necrosis Factor and those without.

ACADEMIC INSTRUCTION:

-
- Associate Master Instructor, American Society for Surgery of the Hand; Shoulder Arthroscopy: Advancing Your Skills. Orthopaedic Learning Center; Rosemont, IL (2007)
 - Anatomy Instructor, Michigan State University College of Osteopathic Medicine; Shoulder and Elbow Anatomy; East Lansing, MI (2008-present)
 - Associate Master Instructor, Arthroscopy Association of North America; Shoulder Arthroscopy: Advancing Your Skills. Orthopaedic Learning Center; Rosemont, IL: 2009
 - Associate Master Instructor, Arthroscopy Association of North America; Shoulder Arthroscopy: Advancing Your Skills. Orthopaedic Learning Center; Rosemont, IL: 2011
 - Associate Master Instructor, Arthroscopy Association of North America; Shoulder Arthroscopy: Advancing Your Skills. Orthopaedic Learning Center; Rosemont, IL: 2013
 - Associate Master Instructor, Arthroscopy Association of North America; Comprehensive Cartilage Course: Advancing Your Skills. Orthopaedic Learning Center; Rosemont, IL: 2016

- Associate Master Instructor, Arthroscopy Association of North America; Comprehensive Cartilage and Meniscus Repair Course: Advancing Your Skills. Orthopaedic Learning Center; Rosemont, IL: 2017

ACADEMY APPOINTMENTS

- President, Sports Section: American Osteopathic Academy of Orthopedics, 2013-2014
- President, Sports Section: American Osteopathic Academy of Orthopedics, 2012-2013
- 1st Vice-President, Sports Section: American Osteopathic Academy of Orthopedics, 2011-2012
- 2nd Vice-President, Sports Section: American Osteopathic Academy of Orthopedics, 2010-2011
- 3rd Vice-President, Sports Section: American Osteopathic Academy of Orthopedics, 2009-2010

BOARD APPOINTMENTS:

- Detroit Sports Medicine Foundation

HOSPITAL COMMITTEE APPOINTMENTS:

- Value Analysis (VAT) Committee: Beaumont Health System

MEDICAL APPOINTMENTS:

- Advanced Physical Therapy, Medical Director: 2009-2012
 - Grosse Pointe Woods, MI
- St. Mary's Physical Therapy, Medical Director: 2011-2012
 - Sterling Heights, MI

CERTIFICATIONS:

- Advanced Trauma Life Support

- Basic Cardiac Life Support
- Advanced Cardiac Life Support

STATE LICENSURE:

- Michigan: 5101014863
- New York: 238944
- Connecticut: 044107

CONSULTING:

- Johnson & Johnson (Sports and Reconstruction)
 - Paid Consultant
- Shoulder Innovations
 - Paid Consultant
 - Designer
- Atreon Orthopedics
 - Consultant
 - Designer
- Ocean Orthopaedics
 - Consultant
 - Designer
- Zimmer Biomet (former)
 - Paid Consultant
- Arthrex (former)
 - Paid Consultant
- Smith & Nephew
 - Paid Consultant
- Trice Medical (former)
 - Paid Consultant
- Bard Davol/BD
 - Paid Consultant
- Stryker (former)
 - Paid Consultant
- Pacira
 - Paid Consultant
- RTI Surgical (former)
 - Paid Consultant

- Xiros North America (former)
 - Paid Consultant
- Anika Therapeutics (former)
 - Paid Consultant

PROFESSIONAL SOCIETY OFFICIER:

- Detroit Academy of Orthopaedic Surgery – Program Director, 2009-2010
- Detroit Academy of Orthopaedic Surgery – Secretary, 2010-2011
- Detroit Academy of Orthopaedic Surgery – Treasurer, 2011-2012
- Detroit Academy of Orthopaedic Surgery – President, 2012-2014

PROFESSIONAL SOCIETY MEMBERSHIP:

- Member, American Academy of Orthopaedic Surgeons (AAOS)
- Member, American Shoulder and Elbow Society (ASES)
- Member, Arthroscopy Association of North America (AANA)
- Member, American Osteopathic Association (AOA)
- Member, Mid-America Orthopaedic Association (MAOA)
- Member, American Osteopathic Academy of Orthopaedics (AOAO)
- Member, International Society of Hip Arthroscopy (ISHA)
- Member, Michigan Orthopaedic Society (MOS)
- Member, Michigan Osteopathic Association (MOA)
- Member, Michigan Osteopathic Academy of Orthopedic Surgeons (MOAOS)
- Detroit Academy of Orthopaedic Surgery
- Member, Alpha Epsilon Delta (AED), National Pre-Medical Honor Society
- Member, Sigma Sigma Phi, National Osteopathic Medicine Honor Society