

Michael T. Freehill, M.D., F.A.O.A.

HOSPITAL APPOINTMENTS

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|----------------------------|---|
| March 2020- present | Department Orthopaedic Surgery Stanford University Palo Alto, California |
| March 2017- February 2020 | Associate Professor of Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan |
| August 2012- February 2017 | Assistant Professor of Orthopaedic Surgery. Wake Forest Baptist Medical Center. Winston-Salem, North Carolina |
| August 2011- July 2012 | Associate. Brigham & Women's Hosp. Boston, Massachusetts |
| August 2011- July 2012 | Assistant. Massachusetts Gen Hosp. Boston, Massachusetts |

EDUCATION

| | |
|--------------------------|--|
| August 2011- July 2012 | Harvard Shoulder Service, Mass General Hosp. Boston, Massachusetts. Department of Orthopaedic Surgery. Laurence Higgins, M.D. and Jon J.P. Warner, M.D. Program Directors. Fellowship in Shoulder and Elbow |
| August 2010- July 2011 | Stanford University. Palo Alto, California. Department of Orthopaedic Surgery. Marc R. Safran, M.D. Program Director. Fellowship in Sports Medicine. |
| July 2009-June 2010 | Chief Resident Orthopaedic Surgery. Johns Hopkins University Hospital. Baltimore, Maryland. Department of Orthopaedic Surgery. Frank J. Frassica, M.D. Chair. |
| July 2006- June 2010 | Johns Hopkins University Hospital. Baltimore, Maryland. Department of Orthopaedic Surgery. Frank J. Frassica, M.D. Chair. Orthopaedic Surgery Residency. |
| July 2005- June 2006 | Johns Hopkins University Hospital. Baltimore, Maryland. Department of Surgery. Julie Freischlag, M.D. Chair. General Surgical Halsted internship. |
| August 2001- May 2005 | Tulane University School of Medicine, New Orleans, Louisiana. Medical Doctorate. |
| September- December 2000 | University of Oklahoma Health Sciences. Graduate courses in Pathology, Pharmaceutical Biotechnology. |
| August 1991- May 1994 | University of San Diego. San Diego, California Bachelor of Arts in Chemistry; Magna Cum Laude. |

Sept.1989- May 1991

Phoenix College. Phoenix, Arizona
Associate in Arts; High Distinction in Honors Program.

CERTIFICATIONS

2017 American Board of Orthopaedic Surgery. Subspecialty Certificate in Orthopaedic Sports Medicine
2015 American Academy of Orthopaedic Surgery. Active Fellow
2014 American Board of Orthopaedic Surgery Part II
2012 American Academy of Orthopaedic Surgery. Candidate member
2011 American Board of Orthopaedic Surgery Part I

SPORTS COVERAGE AND RESPONSIBILITIES

2020-current Oakland Athletics. Assistant Team Physician
2020-current Head Team Physician, Stanford University Baseball
2020-current Team Physician. Stanford University Athletics
2017- 2020 Team Physician. University Michigan Athletics. Baseball, Tennis, Swimming, Water Polo, Diving, Men's Gymnastics
2017- 2019 Detroit Tigers. Associate Team Physician
2017- 2019 Detroit Tigers. Spring Training Physician Coverage
2018- 2019 Head Team Physician. Eastern Michigan University. Baseball
2017-2018 Team Physician. Eastern Michigan University. Baseball and Softball
2016-2017 Director of Sports Medicine. Wake Forest University Athletics
2015-2016 Head Team Physician, Wake Forest University Basketball
2016 Team Physician, Wake Forest University Football
2014-2015 Chicago White Sox. Spring training physical examinations
2013-2016 Team Physician, Winston-Salem Dash professional baseball team (advanced A affiliate of Chicago White Sox)
2013-2016 Head Team Physician, Wake Forest University Baseball
2012-2016 Team Physician, Winston-Salem State University Athletics
2011 ATP Tennis. SAP Open. San Jose, CA
2010-2011 Stanford University. Basketball, baseball, football
2010-2011 Stanford University. Additional team coverage. Women's basketball, volleyball, track
2010-2011 Notre Dame de Namur University. All sports, weekly training room
2010-2011 San Jose Ballet. Event coverage.
2010 St. Ignatius College Preparatory. Football
2010 Baltimore Orioles. Spring Training, season game coverage
2009 U.S. Naval Academy, training room
2009 Game coverage Baltimore Orioles
2008-2009 Johns Hopkins University. Pre-season physicals
2007 Johns Hopkins University. Lacrosse

HONORS AND AWARDS

2019 American Shoulder and Elbow Society. Traveling Fellowship (Europe)
2018 (June) Making A Difference Award. Michigan Medicine.
2015-present Best Doctors in America
2015 Certificate of Merit. Martell BS, **Freehill MT**, Lenchik L, Kiani B, Weurtzer SD, Torabi M. Pathomechanics of Elbow in the Throwing Athlete; Clinical, Imaging and Arthroscopic Correlation. 101st

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| | Scientific Assembly and Annual Meeting of the Radiological Society of North America. Chicago, Illinois. 2015. |
| 2015 | American Orthopaedic Society for Sports Medicine. Traveling Fellowship (Asia-Pacific) |
| 2015 | American Orthopaedic Society for Sports Medicine. Invited Faculty Speaker Contingent. 8 th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. |
| 2014 | Neer Award- Clinical category. Delaney RA, Freehill MT , Janfaza DR, Simon MV, Vlassakov KV, Higgins LD, Warner JJ. |
| 2014 | Neuromonitoring the the Latarjet Procedure. Best of AAOS. Shoulder and Elbow. Delaney RA, Freehill MT , Janfaza DR, Simon MV, Vlassakov KV, Higgins LD, Warner JJ. Neuromonitoring the the Latarjet Procedure. New Orleans, Louisiana. 2014 |
| 2010 | Johns Hopkins University Department of Orthopaedic Surgery Resident Researcher Award |
| 2005 | Who's Who Among Students in American Universities and Colleges |
| 1996 | Miller Lite Pitcher of the Year, Midland Angels, AA |
| 1996 | Double AA All-Star |
| 1996 | Texas League AA All-Star |
| 1995 | Hawaii Winter League All-Star |
| 1995 | Midwest League A All-Star |
| 1995 | Cedar Rapids (Midwest League) franchise single season saves leader |
| 1994 | Magna Cum Laude, Bachelor of Arts in Chemistry |
| 1994 | University of San Diego, Special Achievement Award |
| 1994 | Kappa Gamma Pi (national Catholic honor society) |
| 1994 | West Coast Conference Scholar Athlete Award |
| 1994 | University of San Diego Departmental Honors in Chemistry |
| 1992 | West Coast Conference Scholar Athlete Award |
| 1991 | Academic All-American |

MEMBERSHIP IN PROFESSIONAL SOCIETIES

| | |
|--------------|---|
| 2018-present | American Orthopaedic Association |
| 2017-present | Institute for Healthcare Policy and Innovation. University of Michigan |
| 2017-present | MOON Shoulder Group |
| 2017-present | Major League Baseball Team Physician Association (Associate member) |
| 2016-present | American Shoulder and Elbow Surgeons (Associate member) |
| 2015-present | Magellan Society |
| 2014-present | The Codman Shoulder Society |
| 2014-present | Little Orthopaedic Club |
| 2014-2018 | Eastern Orthopaedic Association (Candidate member) |
| 2013-present | International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) (Active member) |
| 2013-2017 | North Carolina Orthopaedic Association |
| 2013-2015 | North Carolina Medical Society |
| 2012-present | American Academy Orthopaedic Surgeons (Fellow) |
| 2012-2018 | American College of Sports Medicine |
| 2012-present | Arthroscopy Association of North America (Active member) |
| 2010-present | American Orthopaedic Society Sports Medicine (Active member) |
| 2010-present | Tulane Medical Alumni Association |
| 2005-present | Major League Baseball Players Alumni |

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| 1994-present | Association of Professional Baseball Players of America |
| 2005-present | Johns Hopkins Medical and Surgical Association |
| 2010-2012 | Arthroscopy Association of North America (Resident/fellow) |
| 2008-2012 | American Orthopaedic Society Sports Medicine (Resident/fellow) |
| 2007-2012 | American Academy Orthopaedic Surgeons (Resident/fellow) |
| 2005-2010 | Maryland Orthopaedic Association |
| 2005-2008 | American Medical Association |
| 2005-2006 | American College of Surgeons |
| 2003-2005 | Ancient Order of Hibernians of America |
| 2001-2005 | Recruiter, American Medical Association, Student Society |
| 2001-2005 | Louisiana State Medical Society- Student |
| 1991-1994 | Alpha Epsilon Delta (pre-medical honors fraternity) |

PUBLICATIONS

Freehill MT, Mannava S, Higgins LD, Lädemann A, Stone AV. Thrower's exostosis of the shoulder: A systematic review with a novel classification. *Orthop J Sports Med.* 2020 (accepted in press)

Olszewski A, Ramme A, Maerz T, **Freehill MT**, Warner JJ, Bedi A. Vault perforation after eccentric glenoid reaming for deformity correction in anatomic total shoulder arthroplasty. *J Shoulder and Elbow Surg.* 2020 (accepted in press)

Stone AV, Luo TD, Sharma A, Danelson KA, De Gregorio M, **Freehill MT**. Optimizing the double row construct: an untied medial row demonstrates equivalent mean contact pressures in a rotator cuff model. *Orthop J Sports Med.* 2020;8(4):2325967120914932.

Otte RS, Bansal A, Srikumaran U, Weick JW, **Freehill MT**, Lin A, Garrigues GE. Arthroscopic Rotator Cuff Repair: A General Instructional Course Lecture. *Instr Course Lect.* 2020;69:525-550.

Falkowski AL, Jacobson JA, **Freehill MT**, Kalia V. Hand-held Portable versus Conventional Cart-based Ultrasound in Musculoskeletal Imaging. *Orthop J Sports Med.* 2020;8(2):2325967119901017.

Bakshi NK, Inelan PM, Kirsch JM, Bedi A, Agresta C, **Freehill MT**. Current Workload Recommendations in Baseball Pitchers: A Systematic Review. *Am J Sports Med.* 2020;48(1):229-241.

Jinnah AH, Luo TD, Mendias C, **Freehill MT**. Cryotherapy Duration is Critical in Short-Term Recovery of Athletes: A systematic review. *J ISAKOS:Joint Dis and Orthop Sports Med.* 2019;4(3):131-136.

Esquivel AO, **Freehill MT**, Curriero FC, Rand KL, Conte SA, Tedeschi TH, Lemos SE. Analysis of Non-Game Injuries in Major League Baseball. *Orthop J Sports Med.* 2019;7(12):232596711988849.

Agresta C, Krieg K, **Freehill MT**. Risk Factors for Baseball-Related Injuries of the Upper Extremity: A Systematic Review. *Orthop J Sports Med.* 2019;7(2):2325967119825557.

Patel K, Bakshi NK, **Freehill MT**, Awan TM. Whole Body Cryotherapy in Sports Medicine. *Curr Sports Med Rep.* 2019;18(4):136-140.

Reynolds JW, Henshaw DS, Jaffe JD, Dobson SW, Edwards CJ, Turner JD, Weller RS, Graves BR, **Freehill MT**. Analgesic Benefit of PECS II Blockade for Open Subpectoral Biceps Tenodesis: A Randomized, Prospective, Double-Blinded, Control Trial. *Anesth Analg.* 2019;129(2):536-542.

Vidt ME, Santago AC, Marsh AP, Hegedus EJ, Tuohy CJ, Poehling GG, **Freehill MT**, Miller ME, Saul KR. Modeling a rotator cuff tear: individualized shoulder muscle forces influence glenohumeral joint contact force predictions. *Clinical Biomechanics*. 2018;60:20-29.

Bakshi NK, **Freehill MT**. The Overhead Athlete's Shoulder. *Sports Med Arthrosc Rev*. 2018;26(3):88-94.

Kalia V, **Freehill MT**, Miller BS, Jacobsen JA. Multimodality Imaging Review of Normal Appearance and Complications of the Postoperative Rotator Cuff. *Am J Roentgenol*. 2018;211(3):538-547.

Jinnah AH, Luo TD, Wiesler ER, Li Z, Poehling GG, Tuohy CJ, Graves BR, **Freehill MT**, Papadonikolakis A. Peripheral nerve injury after elbow arthroscopy: An analysis of risk factors. *Arthroscopy*. 2018;34(5):1447-1452.

Kirsch JM, Khan M, Thornley P, Gichuru M, **Freehill MT**, Neviasser A, Moravek J, Miller BS, Bedi A. Platform shoulder arthroplasty: a systematic review. *J Shoulder and Elbow Surg*. 2018;27(4):756-763.

Haws BE, Stone AV, Usoro AO, Marquez-Lara A, Mannava S, **Freehill MT**. Optimal management of physal elbow injuries in the skeletally immature athlete remains undefined: a systematic review. *J ISAKOS:Joint Dis and Orthop Sports Med*. 2018;3(1):38-45.

Santago AC, Vidt ME, Li X, Tuohy CJ, Poehling GG, **Freehill MT**, Saul KR. Shoulder strength requirements for upper limb functional tasks: Do age and rotator cuff tear status matter? *J Appl Biomech*. 2017;33(6):446-452.

Marquez-Lara A, Stone AV, Luo TD, Parker BR, Sharma A, **Freehill MT**. Top 50 Cited Journal Articles on Overhead Throwing Athletes: A Bibliographic Analysis. *J Shoulder and Elbow Surg Open Access*. 2017;1(2):55-62.

Taverna E, Guarrella V, **Freehill MT**, Garavaglia G. Arthroscopic reduction with endobutton fixation for glenoid fracture. *Joints*. 2017;5(2):127-30.

Stone AV, Mannava S, Patel A, Marquez-Lara A, **Freehill MT**. Defining the long toss: A professional baseball epidemiological study. *Ortho J Sports Med*. 2017;5(2):2325967116686773.

Haws BE, Luo TD, Al'Khafaji IM, Rogers JP, Botros DB, **Freehill MT**. Definitive management of thigh contusions in athletes: but how definitive? a systematic review. *J ISAKOS:Joint Dis and Orthop Sports Med*. 2017;2(2):67-74.

Jinnah AH, Mannava S, Plate JF, Stone AV, **Freehill MT**. Basic Shoulder Arthroscopy: Lateral Decubitus Patient Positioning. *Arthrosc Tech*. 2016;19(5):e1069-1075.

Luo TD, Poehling GG, **Freehill MT**. The Classic. Review of Arciero's article (1994) on arthroscopic Bankart repair versus nonoperative treatment for acute, initial anterior shoulder dislocations: does the same hold true in 2016? *J ISAKOS:Joint Dis and Orthop Sports Med*. 2016;1(6):358-364.

Mannava S, Jinnah AH, Plate JF, Stone AV, Tuohy CJ, **Freehill MT**. Basic shoulder arthroscopy: beach chair patient positioning. *Arthrosc Tech*. 2016;5(4):e731-e735.

Vidt ME, Santago AC, Marsh AP, Hegedus EJ, Tuohy CJ, Poehling GG, **Freehill MT**, Miller ME, Saul KR. The effects of a rotator cuff tear on upper limb activities of daily living in older adults: a kinematic analysis. *J Biomechanics*. 2016;49(4):611-7.

Santago AC, Vidt ME, Tuohy CJ, Poehling GG, **Freehill MT**, Kraft RA, Jordan JH, Saul KR. Quantitative analysis of three-dimensional distribution and clustering of intramuscular fat in muscles of the rotator cuff. *Annals of Biomedical Engineering*. 2016;44(7):2158-2167.

Vidt ME, Santago AC, Tuohy CJ, Poehling GG, **Freehill MT**, Kraft RA, Marsh AP, Hegedus EJ, Miller ME, Saul KR. Assessments of fatty infiltration and muscle atrophy from a single magnetic resonance image slice are not predictive of three-dimensional measurements. *Arthroscopy* 2016;32(1):128-139.

Vidt ME, Santago AC, Hegedus EJ, Marsh AP, Tuohy CJ, Poehling GG, **Freehill MT**, Miller ME, Saul KR. A preliminary study: Can self-report instruments of shoulder function capture functional differences in older adults with and without a rotator cuff tear? *J Electromyogr Kinesiol*. 2016;29:90-9.

Case JM, Mannava S, Fallin JH, Stone AV, **Freehill MT**. Acute changes in glenohumeral range-of-motion following in-season minor league pitching starts. *Phys Sportsmed*. 2015;43(4):360-5.

Shi LL, Mullen M, **Freehill MT**, Lin A, Warner JJ, Higgins LD. Long head of biceps subluxation as predictor for subscapularis tears. *Arthroscopy*. 2015;31(4):615-9.

Iriberrri I, Candrian C, **Freehill MT**, Raiss P, Boileau P, Walch G. Anatomic Shoulder Replacement for Primary Osteoarthritis in Patients over 80 years. Are Results as Good as in Younger Patients? *Acta Orthopaedica*. 2015;86(3):298-302.

Black EM, Lin A, Srikumaran U, Jain N, **Freehill MT**. Arthroscopic Transosseous Rotator Cuff Repair: Technical note, outcomes, and complications. *Orthopedics*. 2015;38(5):e352-e358.

Freehill MT, Gorbachinsky I, Lavender JD, Davis RL, Mannava S. Presumed testicular rupture during a college baseball game: a case report and review of the literature for on-field recognition and management. *Sports Health*. 2015;7(2):177-80.

Delaney RA, **Freehill MT**, Janfaza DR, Vlassakov KV, Higgins LD, Warner JJ. 2014 Neer Award Paper: Neuromonitoring the Latarjet procedure. *J Shoulder Elbow Surg*. 2014;23(10):1473-80.

Freehill MT, Mannava S, Safran MR. Outcomes evaluation of the athletic elbow. *Sports Med Arthrosc*. 2014;22(3):e25-32.

Ek ETH, Shi LL, Tompson JD, **Freehill MT**, Warner JJ. Surgical treatment of isolated type II SLAP lesions: repair versus biceps tenodesis. *J Shoulder Elbow Surg*. 2014;23(7):1059-65.

Srikumaran U, Wells JH, **Freehill MT**, Tan EW, Higgins LD, Warner JJ. Scapular winging: a great masquerader of shoulder disorders. AAOS exhibit selection. *J Bone Joint Surg Am*. 2014; 96(14):e122(1-13).

Plate JF, Brown PJ, Walters J, Clark J, Smith TL, **Freehill MT**, Tuohy CJ, Stitzel JD, Mannava S. Advanced aging decreases tendon-to-bone healing in a rat model of rotator cuff repair. *Am J Sports Med*. 2014;42(4):859-68.

Delaney R, **Freehill MT**, Higgins LD, Warner JP. Durability of partial humeral head resurfacing with coexisting pathology or concomitant procedures. *J Shoulder Elbow Surg*. 2014;23(1):e14-22.

Freehill MT, Archer KR, Diffenderfer BW, Ebel BG, Cosgarea, AJ, McFarland EG. Changes in collegiate starting pitchers range of motion after single game and season. *Phys Sportsmed*. 2014;42(1):69-74.

Srikumaran U, Stein BE, Tan EW, **Freehill MT**, Wilckens JH. Upper-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients: AAOS exhibit selection. *J Bone Joint Surg Am*. 2013;95(24):e197(1-13).

Abrams GD, McGarry MH, Jain NS, **Freehill MT**, Shin SJ, Cheung EV, Lee TQ, Safran MR. Biomechanical evaluation of a coracoclavicular and acromioclavicular ligament reconstruction technique utilizing a single continuous intramedullary free tendon graft. *J Shoulder Elbow Surg*. 2013;22(7):979-85.

Freehill MT, Srikumaran U, Archer KR, McFarland EG, Petersen SA. The Latarjet coracoid process transfer procedure: alterations in the neurovascular structures. *J Shoulder Elbow Surg*. 2013;22(5):695-700.

Stein BE, Srikumaran U, Tan EW, **Freehill MT**, Wilckens JH. Lower-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients. *J Bone Joint Surg Am*. 2012;94(22):e167.

Shi LL, **Freehill MT**, Yannopoulos PF, Warner JP. Suprascapular nerve: is it important in cuff pathology?" *Adv Orthop*. vol. 2012;2012:516985.

Freehill MT, Shi LL, Tompson JD, Warner JJ. Suprascapular neuropathy: diagnosis and management. *Phys Sportsmed*. 2012;40(1):72-83.

Freehill MT and Safran MR. Diagnosis and Management of Ulnar Collateral Ligament Injuries in Throwers. *Curr Sports Med Rep*. 2011;10(5):271-8.

Freehill MT and Safran MR. The Labrum of the Hip: Diagnosis and Rationale for Surgical Correction. *Clin Sports Med*. 2011;30(2):293-315.

Srikumaran U, **Freehill MT**, Spiker AM, McFarland EG, Petersen SA. Evaluation of shoulder and elbow questions on the Orthopaedic In-Training Examination as an instrument for enhancing examination preparation. *J Bone Joint Surg Am*. 2011;93(11):E63.

Freehill MT, Ebel B, Archer KR, Bancel R, Wilckens JH, McFarland EG, Cosgarea AJ. Glenohumeral range of motion in major league pitchers: changes over the playing season. *Sports Health*. 2011;3(1):97-104.

Freehill MT, McCarthy EF, Khanuja HS. Total knee arthroplasty failure and gouty arthropathy. *J Arthroplasty*. 2010;25(4):658.e7-10.

McFarland EG, Srikumaran U, **Freehill MT**, Pannirsvela V, Petersen SA. Indications for the Reverse Prosthesis. *Minerva Ortop Traumatol*. 2009;60(1):61-74.

Jia X, Ji JH, Petersen SA, **Freehill MT**, McFarland EG. An analysis of shoulder laxity in patients undergoing shoulder surgery. *J Bone Joint Surg Am*. 2009;91(9):2144-2150.

Chronopoulos E, Gill HS, **Freehill MT**, Petersen SA, McFarland EG. Complications after open distal clavicle excision. *Clin Orthop Relat Res*. 2008;466(3):646-651.

Freehill MT, Corsetti RL. Sentinel lymph node drainage in a patient with polythelia areolaris and breast carcinoma. *Surgical Rounds*. 2004;27(10):467-70.

NON-PEER REVIEWED PUBLICATIONS

Schubert MF, **Freehill MT**. Indications and Results of Posterior Capsulorrhaphy. *Paris Shoulder Symposium 2018. Shoulder Instability Update and Controversies*. 2018:243-46.

Bakshi NK, **Freehill MT**. Recurrent Anterior Dislocation and Hyperlaxity: How to do? *Paris Shoulder Symposium 2018. Shoulder Instability Update and Controversies*. 2018:196-200.

Stone AV, **Freehill MT**. A 14-year-old with shoulder pain. 'Orthopedics Today Grand Rounds'. *Orthopedics Today*. March 2017.

Schmacher CWV, Fallin JH, **Freehill MT**. What's with the Cups? *Sports Medicine Update. Newsletter of the American Orthopaedic Society for Sports Medicine*. 2016;Fall:6.

Freehill MT, Stone AV. Elbow Injuries in the Throwing Athlete: Location, Location, Location! Current concepts. *ISAKOS Newsletter*. 2016;Vol I:21-24.

Freehill MT. AOSSM-APKASS Traveling Fellowship. Sporting the Asian Pacific Rim. *Sports Medicine Update. Newsletter of the American Orthopaedic Society for Sports Medicine.* 2016;March/April:10-11.

Freehill MT, Mannava S, Higgins LD. Bennett's lesions of the shoulder. Current concepts. *ISAKOS Newsletter.* 2014;Vol II:34-35.

Freehill MT. "Life on the mound. Why young baseball pitchers shouldn't overdo it". *Triad Living Magazine.* Summer. 2013.

McFarland EG, Sanguanjit P, Tasaki A, **Freehill MT.** "Common shoulder problems: a hands-on approach." *Consultant.* 2006;46:437-446.

McFarland EG, Sanguanjit P, Tasaki A, **Freehill MT.** Shoulder Examination: established and evolving concepts. *J Musculoskelet Med.* 2006;23(1):57-6.

BOOK CHAPTERS

Sochacki KR, **Freehill MT.** Evaluation of the Thrower's Shoulder. In: Lane JG, Gobbi A, Espregueira-Mendes J, Cohen Kaleka C, Adachi N (eds). *The Art of the Musculoskeletal Physical Exam.* Springer Publishing. 2021

Luo TD, **Freehill MT.** Valgus Extension Overload. In: Bain GI, Eygendaal D, Van Riet R (eds). *Arthroscopy and Endoscopy of the Elbow, Wrist and Hand: Surgical Anatomy and Techniques.* ISAKOS. Springer Publishing. 2021

Gao I, Abrams GD, **Freehill MT,** Sherman SL. Shoulder Arthroscopy: Patient Positioning, Portal Placement, Normal Arthroscopic Anatomy, and Diagnostic Arthroscopy. In: Cole BJ, Chahla J. *Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine. 3rd Edition.* Elsevier Publishing 2020

Graves BR, **Freehill MT,** Poehling GG, Bain GI. Portals and Technique for Diagnostic Elbow Arthroscopy. In: Bain GI, Eygendaal D, Van Riet R (eds). *Arthroscopy and Endoscopy of the Elbow, Wrist and Hand: Surgical Anatomy and Techniques.* ISAKOS. Springer Publishing. 2021

Weick JW, **Freehill MT.** Stiffness After Rotator Cuff Repair. In: Savoie F, Calvo E, Mazocca A (eds). *The Failed Rotator Cuff: Diagnosis and Management.* ISAKOS Consensus Book. Springer Publishing. 2020;***.

Freehill MT, Gao IQ, St. Pierre P. Anterior Instability: Epidemiology, History, Physical Exam, Imaging, and Nonoperative Treatment. In: CORDASCO.... (eds). *Rockwood and Matsen's: The Shoulder. 6th Edition.* Elsevier Publishing (in process)

Gillespie RJ, **Freehill MT.** Shoulder Anatomy and Biomechanics, Clinical Evaluation, Imaging. OKU, Orthopaedic Knowledge Update 13. (in process)

Freehill MT, Kirsch JM, Sugaya H, Warner JJP. Superior Labral Tears and Throwing Shoulder Injuries. In: Bhandari M, Bedi A, Kocher M (eds). *Evidence Based Orthopaedics.* ...Publishers Inc. (in process)

Freehill MT, Kirsch JM. Subpectoral Biceps Tenodesis. In: Srikumara U (eds). *Video Atlas of Arthroscopic Rotator Cuff Repair.* Thieme Medical Publishers Inc. (in process)

Hilgersom NFJ, Luo TD, Bexkens R, van de Bekerom M, Eygendaal D, **Freehill MT.** Valgus Extension Overload. In: Bain GI, Eygendaal D, Van Riet R (eds). *Surgical Techniques for Trauma and Sports Related Injuries of the Elbow.* Springer Publishing. 2020;32:245-50.

Freehill MT, Poehling GG, Bain GI. Portals and Diagnostic Elbow Arthroscopy. In: Bain GI, Eygendaal D, Van Riet R (eds). *Surgical Techniques for Trauma and Sports Related Injuries of the Elbow*. Springer Publishing. 2020;11;107-17.

Kirsch JM, **Freehill MT**. Proximal Humerus Fractures: Hemiarthroplasty Versus Reverse Total Shoulder Arthroplasty. In: Chung KC, Lawton JN, **Freehill MT**, Lien JR (eds). *The University of Michigan's Upper Extremity Fracture Surgery*. Wolters Kluwer Publishing, 2020;236-250.

Schubert M, **Freehill MT**. Scapula Fractures. In: Chung KC, Lawton JN, **Freehill MT**, Lien JR (eds). *The University of Michigan's Upper Extremity Fracture Surgery*. Wolters Kluwer Publishing, 2020;258-271.

Lee S, **Freehill MT**. Glenoid Fractures. In: Chung KC, Lawton JN, **Freehill MT**, Lien JR (eds). *The University of Michigan's Upper Extremity Fracture Surgery*. Wolters Kluwer Publishing, 2020;272-286.

Bakshi NK, **Freehill MT**. A 16 year-old Baseball Pitcher with a Sore Elbow. In: Sciascia AD, Kibler WB. *Mechanics, Pathomechanics and Injury in the Overhead Athlete: A Case-Based Approach to Evaluation, Diagnosis and Management*. Springer Publishing, Switzerland. 2019;189-200.

Kirsch JM, **Freehill MT**. Subpectoral Biceps Tenodesis with an All-Suture Anchor. In: Imhoff A, Savoie F (eds). *Rotator Cuff Across the Lifespan: ISAKOS Consensus Book*. Springer Publishing. 2019;241-249.

Spiering T, Snyder C, **Freehill MT**. Post-Operative Rehabilitation Following Rotator Cuff Repair: General Principles. In: Imhoff A, Savoie F (eds). *Rotator Cuff Across the Lifespan: ISAKOS Consensus Book*. Springer Publishing. 2019;481-492.

Bakshi NK, **Freehill MT**. Injuries of the Throwing Shoulder: Epidemiology, Mechanism of Injury, History and Physical Examination, Imaging, Workup, and Indications For Surgery. In: Arciero RA, Cordasco FA, Provencher MT (eds). *Shoulder and Elbow Injuries in Athletes*. Elsevier Publishing, 2018;403-408.

Freehill MT, Rogers JP, Mannava S. Shoulder and Rotator Cuff Repair: single versus double row. In: Fu F, Lin A (eds). *Operative Techniques in Orthopaedics*. Elsevier Publishing, 2015;25(1):23-32.

Freehill MT, Mannava S, Vo A, Schwartz DG, Lafosse L. Arthroscopic Coracoid Transfer. In: Brockmeier SF, Miller MD, Arce G (eds). *Surgery of Shoulder Instability. Advances in Shoulder Arthroscopy*. ISAKOS Surgery Series. New York (NY); Springer Publishing, 2013:59-71.

Wilckens JH, **Freehill MT**, Srikumaran U, Bernard J. Approach to the patient with shoulder pain. In: Imboden JB, Hellman DB, Stone JH (eds). *Current Diagnosis & Treatment: Rheumatology*. 3rd Ed. New York: McGraw-Hill, 2013:71-78.

McFarland EG, Johansen JA, **Freehill MT**, Garzon-Muvdi J, Petersen SA. Physical examination of the shoulder and elbow in the baseball player. In: Dines JS, Altchek DW, Andrews JR, ElAttrache NS, Wilk KE, Yocum LA (eds). *Sports Medicine of Baseball*. Philadelphia (PA): Lippincott Williams & Wilkins, 2012:46-56.

Freehill MT, Safran MR. The Overhead Athlete. In Maffulli N, Furia JP (eds): *Rotator cuff disorders: basic science and clinical medicine*. JP Medical Ltd, London, 2012:75-86.

EDITOR

Books:

Chung KC, Lawton JN, **Freehill MT**, Lien JR (eds). *The University of Michigan's Upper Extremity Fracture Surgery*. Wolters Kluwer Publishing, 2020.

Journals:

OTSM- **Freehill**. Garrigues. Guest-Editors. Cole.....

ACKNOWLEDGEMENTS

Leatherman J. The use of posterior glide mobilization and sleeper stretch on glenohumeral internal rotation deficit in an adolescent baseball pitcher. *Orthopaedic Physical Therapy Practice*. 2018;30(1):16-22.

SUBMITTED

Agresta, **Freehill MT**, Cain SM. Workload Assessment in Baseball Pitchers: Wearable In-Field Sensor Location and Calculation Method are Critical Considerations. *BJSM*. 2020

Rose MJ, **Freehill MT**, McCollum KA, Cain SM. Quantifying throw counts and intensities throughout a season in youth baseball players: a pilot study. *Journal of Biomechanics*. 2020

Weick JW, Workman WB, Bush CJ, McCollum KA, Sugaya H, **Freehill MT**. Reported Technical Aspects of Type II SLAP Lesion Repairs in Athletes. *Arthrosc Sports Med Rehabil*. 2020

Weick JW, Kalia V, Pacheco E, Jacobson J, **Freehill MT**. Osseous Healing with Non-Rigid Suture Fixation: A Compelling Alternative to the Conventional Latarjet Procedure. *OJSM*. 2020

Zuskov A, Luo TD, Kyriakedes J, Li Z, Wiesler ER, Poehling GG, **Freehill MT**, Papadonikolakis A. Osteochondritis Dissecans of the Elbow in Adolescents. Long-Term Outcomes with a Mean Follow-up of 8 years After Arthroscopic Debridement or Microfracture Procedures. *Arth*

Tipton S, Nunez F, Dhaliwal K, Duffin M, Alkhafaji I, **Freehill MT**. Factors Associated with Successful Closed Reduction of Glenohumeral Dislocations in Proximal Humerus Fracture Dislocations. *Journal of Surgical Orthopaedic Advances*

Inclan PM, Parker BR, **Freehill MT**, Carter JE, Hyde AS, Tuohy CJ. Orthopaedist Career Value: The Financial Impact of Fellowship Training. *J Surg Edu*.

Luo TD, Naugher GL, Stone AV, Strahm JG, Mannava S, **Freehill MT**. The effect of straight-line versus ultra-long-toss throwing on glenohumeral range of motion recovery after pitching. *J Shoulder and Elbow Surg*.

Trinh T, Rogers JP, Spangler JR, King WH, Torabi M, Walker JD, Johnson TS, **Freehill MT**. The side strain in baseball throwers: a case report and review of the literature. *OJSM*.

IN PREPARATION

Freehill MT, Calcei J. The Science and Biomechanics of Long Toss Programs. In: Injuries in Overhead Athletes. *Current Reviews in Musculoskeletal Medicine*. 2021.

Shoulder Elbow Platform. **Freehill MT**. Interobserver variability in diagnosing and managing osteochondritis dissecans of the capitellum using magnetic resonance imaging.

Freehill MT, Schulman BL, Lee TQ, Safran MR. Does Ulnar Collateral Laxity Increase with Competitive Pitching? A Pilot Study. *Amer J Sports Med*.

Iriberrri I, **Freehill MT**, Pons-Villanueva J, Candrian C, Raiss P, Walch G. Subscapularis muscle fatty infiltration and clinical evaluation after tenotomy and repair in total shoulder arthroplasty. *J Shoulder Elbow Surg*

Shi LL, Cahill KE, **Freehill MT**, Ek ET, Thompson JD, Boykin RE, Higgins LD, Warner JJP. Suprascapular notch injection as a predictor for suprascapular nerve decompression. *J Shoulder Elbow Surg*

Uoro AO, Stone AV, Mannava S, Apel PJ, **Freehill MT**. Physcal Elbow Injuries in the Skeletally Immature Athlete: A Systematic Review. Manuscript in preparation for *Journal of Pediatric Orthopedics*.

Freehill MT, Shi LL, Srikumaran U, Tompson JD, Ek ETH, Warner JJ. Latissimus dorsi tendon transfer versus reverse total shoulder arthroplasty. Trends and outcomes.

Freehill MT, Shi LL, Tompson JD, Ek ETH, Warner JJ. Latissimus dorsi tendon transfer. Minimum 2-year follow-up outcomes.

Schwartz DG, Jany R, **Freehill MT**, Lafosse L. Post-operative Capsular regrowth after arthroscopic Latarjet: an analysis of 32 "second look" cases during screw removal.

Freehill MT and Safran MR. Prevention of Injury in the Overhand Thrower. *Jour Amer Acad Ortho Surg*.

Freehill MT and Wilckens JH. Bridging the Gap: What are they throwing? Why is that important? *AJSM Current Concepts*

Molina M, De Rosa V, **Freehill MT**, Rosso R, Candrian C. Chronic acromioclavicular dislocation in an 11 year old. A case report. Submitted: Swiss surgeon congress. 2015

Minervini F, Panettella F, **Freehill MT**, Rosso R, Candrian C. Pediatric traumatic sternoclavicular joint subluxation: A case report.

Freehill MT. The sublime tubercle- bony topography

Freehill MT. Olecranon stress fractures in throwers. Systematic review.

Freehill MT. Pitch types. Definitions and knowledge in different age and playing levels.

Freehill MT. Glenohumeral range of motion. Long toss versus flat ground throwing.

Freehill MT. The "slurve". Could this be the etiology of young thrower elbow injury?

PRESENTATIONS

Freehill MT. Biomechanics of Throwing. American Orthopaedic Society for Sports Medicine 2020 Baseball Surgical Skills Course: *Baseball 2020 Youth to the Big Leagues*. Rosemont, Illinois. October 15, 2020.

Freehill MT. Management of Complex Shoulder Instability – What are the Options for the Toughest Cases? Instructional Course Lecture 204. American Shoulder Elbow Society. Annual Meeting. New York, New York. October 2, 2020.

Freehill MT. UCL Reconstruction: Surgical Techniques and Graft Choice Options - Does it Matter? Current Concepts in UCL Reconstruction including Primary Repair Augmentation, Hybrid Reconstruction and Revision

Surgery. Instructional Course Lecture 103. American Shoulder Elbow Society. Annual Meeting. New York, New York. October 1, 2020.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? Little Orthopaedic Club. Annual Meeting. Santa Barbara, California. September **, 2020. (12 minutes)

Rose MJ, **Freehill MT**, McCollum KA, Cain SM. Using IMUs to Quantify Throw Counts and Intensities in Youth Baseball Player. American Society of Biomechanics Annual Meeting. Atlanta, Georgia. August 4-7, 2020.

Freehill MT, Griffin JW. Adhesive Capsulitis and Stiffness Following Rotator Cuff Repair. American Shoulder Elbow Society. Fellows Zoom Conference Series. August 6, 2020.

Zuskov A, Luo TD, Kyriakedes J, Li Z, Wiesler ER, Poehling GG, **Freehill MT**, Papadonikolakis A. Adolescent Osteochondritis Dissecans: Long-Term Outcomes After Non-Reconstructive Elbow Arthroscopy. Southern Orthopaedic Association. Annual Meeting. Virtual Meeting. White Sulphur Springs, WV. July 22-25, 2020. (Presented by AZ)

Tipton S, Nunez FA, Dhaliwal K, Duffin M, AlKhafaji I, **Freehill MT**. Proximal Humerus Fractures with Glenohumeral Dislocation: Should Reduction be Attempted? Southern Orthopaedic Association. Annual Meeting. Virtual Meeting. White Sulphur Springs, WV. July 22-25, 2020. (Presented by ST)

Freehill MT (Moderator). 4 Common Shoulder Problems in Overhead Sports: An Interactive, Round Table, Case-Based, Problem Solving Session. Instructional Course Lecture Round Table. American Orthopaedic Society for Sports Medicine. Annual Meeting. Seattle, Washington. July ***, 2020.

Freehill MT. Stiffness After Rotator Cuff Repair. Shoulder Committee Consensus Meeting for “The Failed Rotator Cuff Repair.” ISAKOS Virtual Webinar. June 12, 2020.

Freehill MT. SLAP Tears: My Personal Experience. Multi-Institutional Sports Fellow Conference Webinar. May 14, 2020.

Freehill MT. Biologics: in Sports Medicine. Detroit Tigers Sports Medicine Education and Professional Betterment Series. Video Webinar. May 3, 2020.

Freehill MT. Managing Proximal Biceps Pathology and SLAP Considerations. Why+How’ in Shoulder Repair- A Series on the Continuum of Care through the Orthopaedic Journey.” Smith & Nephew Education Seminar. April 22, 2020.

Freehill MT. Evaluation and Approach to the Thrower’s Shoulder. Session II: Shoulder Biceps/Scapula/AC Joint. American Shoulder Elbow Surgeons. Open Meeting for Specialty Day Online Presentation. American Academy of Orthopaedic Surgeons 84th Annual Meeting. Orlando, Florida. March 28, 2020.

Freehill MT. SLAPs. Resident Education Session. Western Michigan University. Homer Stryker M.D. School of Medicine. Department of Orthopaedic Surgery. Kalamazoo, Michigan. February 11, 2020.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? Grand Rounds. Western Michigan University. Homer Stryker M.D. School of Medicine. Department of Orthopaedic Surgery. Kalamazoo, Michigan. February 11, 2020.

Freehill MT. Throw Counts vs Pitch Counts in Youth Throwers- Does it Matter? Vanderbilt Sports Medicine Baseball Course. Nashville, Tennessee. February 7, 2020.

Freehill MT. Long Toss- Why and How? Vanderbilt Sports Medicine Baseball Course. Nashville, Tennessee. February 7, 2020.

Freehill MT. Ulnar Collateral Ligament Injury- Is it in the Grips? Vanderbilt Sports Medicine Baseball Course. Nashville, Tennessee. February 7, 2020.

Freehill MT. AC Reconstruction My Way Can Work: Learn How. Orthopaedic Summit 2019: Evolving Techniques. Las Vegas, Nevada. December 12, 2019.

Freehill MT. Slow Down, No SCR Yet! Fix What You Can, Incorporate the Biceps, Get Out, You'd Be Amazed How Good They Do. Orthopaedic Summit 2019: Evolving Techniques. Las Vegas, Nevada. December 11, 2019.

Freehill MT. PRP Injection for UCL Injury: Does it Work? US Experience. 2nd Asia-Pacific Shoulder & Elbow Symposium. Japan-US Baseball Sports Medicine Meeting. Tokyo, Japan. December 1, 2019.

Freehill MT. Throw Count or Pitch Count: What Matters in Young Players? 2nd Asia-Pacific Shoulder & Elbow Symposium. Japan-US Baseball Sports Medicine Meeting. Tokyo, Japan. November 30, 2019.

Freehill MT. Long Toss: Should We Do It? When and How Far? 2nd Asia-Pacific Shoulder & Elbow Symposium. Japan-US Baseball Sports Medicine Meeting. Tokyo, Japan. November 30, 2019.

Freehill MT. SLAP Management in the US and My Personal Experience. 2nd Asia-Pacific Shoulder & Elbow Symposium. Japan-US Baseball Sports Medicine Meeting. Tokyo, Japan. November 30, 2019.

Zuskov A, Kyriakedes J, Luo TD, Li Z, Wiesler ER, Poehling GG, **Freehill MT**, Papadonikolakis A. Elbow arthroscopy for osteochondritis dissecans in adolescents: long-term follow-up. North Carolina Orthopaedic Association. Annual Meeting. Greensboro, North Carolina. October 11, 2019. (presented by AZ)

Freehill MT. Shoulder Arthroplasty in the Young Patient. 58th Carl E. Badgley Day. Department Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. October 4, 2019.

Freehill MT. Fix It Low... Always Subpec: Here is How and Why. 4th Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. October 3, 2019.

Freehill MT. Resection Arthroplasty: Is It Ever an Option? Shoulder and Elbow Symposium. Schulthess Klinik. Zurich, Switzerland. September 29, 2019.

Freehill MT, Weick JW, Ponce BA, Bedi A, Haas D, Ruffino B, Robbins C, Prete AM, Costouros JG, Warner JJ. Pre-operative Planning for Total Shoulder Arthroplasty and Component Size Predictive Validation Implications for Inventory Management. Shoulder and Elbow Symposium. Schulthess Klinik. Zurich, Switzerland. September 29, 2019.

Freehill MT. Can We Disrupt Rotator Cuff Disease Using a Collagen Based Xenograft Implant? Shoulder and Elbow Staff Symposium. Nouvelle Clinique de L'Union. Toulouse, France. September 26, 2019.

Freehill MT. Resection Arthroplasty: Is It Ever an Option? Shoulder and Elbow Session. La Tour Hospital. Geneva, Switzerland. September 24, 2019.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? Orthopaedic Shoulder and Elbow Scientific Session. Department of Orthopaedics & Traumatology Wrightington Hospital. Wrightington, United Kingdom. September 19, 2019.

Freehill MT. Can We Disrupt Rotator Cuff Disease Using a Collagen Based Xenograft Implant? Shoulder and Elbow Symposium. ATOS Klinik Munchen. Munich, Germany. September 17, 2019.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? Grand Rounds. Department of Orthopaedics & Traumatology Antwerp Orthopedic Center, AZ Monica. Antwerp, Belgium. September 12, 2019.

Freehill MT. Resection Arthroplasty: Is It Ever an Option? Shoulder and Elbow Symposium. Sports Surgery Clinic. Dublin, Ireland. September 5, 2019.

Freehill MT. Can We Disrupt Rotator Cuff Disease Using a Collagen Based Xenograft Implant? Shoulder and Elbow Symposium. Sports Surgery Clinic. Dublin, Ireland. September 5, 2019.

Freehill MT. Can We Disrupt Rotator Cuff Disease Using a Collagen Based Xenograft Implant? Shoulder and Elbow Symposium. Hospital Universitario Fundacion Jimenez Diaz. Madrid, Spain. September 2, 2019.

Freehill MT, Weick JW, Ponce BA, Bedi A, Haas D, Ruffino B, Robbins C, Prete AM, Costouros JG, Warner JJ. Pre-operative Planning for Total Shoulder Arthroplasty and Component Size Predictive Validation Implications for Inventory Management. 6th European Society for Surgery of the Shoulder and Elbow (ESSSE) Closed Meeting. Copenhagen, Denmark. September 1, 2019.

Freehill MT. Visualize, Recognize, and Repair Subscapularis Tears. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, Illinois. August 27, 2019.

Freehill MT. Don't Forget the Partial Repair. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, Illinois. August 27, 2019.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 18, 2019.

Kalia V, Weick JW, Pacheco EG, **Freehill MT.** Osseous Healing with Non-Rigid Suture Fixation Offers a Compelling Alternative to Conventional Latarjet Procedure. American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, Massachusetts. July 13, 2019.

Freehill MT. "The Arthroscopic Bone Block." Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization. Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, Massachusetts. July 13, 2019.

Freehill MT. 5 Common Shoulder Problems in Overhead Sports: An Interactive, Case-Based, Problem Solving Session. Instructional Course Round Table. American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, Massachusetts. July 11, 2019.

Freehill MT, Weick JW, Ponce BA, Bedi A, Haas D, Ruffino B, Robbins C, Prete AM, Costouros JG, Warner JJ. Update on Using Blueprint to Predict Implants Used in Shoulder Arthroplasty: Implications for Inventory Management. Codman Shoulder Society. San Diego, California. June 22, 2019.

Freehill MT. Shoulder Surgery Made Easier with the Flow 90. 36th Annual San Diego Shoulder Course. Smith & Nephew Booth Talk. San Diego, CA. June 21, 2019.

Freehill MT. The Throwing Shoulder. Resident Review Lecture. Department of Orthopaedic Surgery. University of Michigan. May 31, 2019.

Freehill MT. Athletic Injuries Around the Elbow. Resident Review Lecture. Department of Orthopaedic Surgery. University of Michigan. May 31, 2019.

Freehill MT. "Treating Rotator Cuff Tears with Advanced Healing Techniques for Full-Thickness Repairs." Advanced Healing Solutions for Shoulder Pathologies. Smith & Nephew Lunchtime Session. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 13, 2019.

Freehill MT. "Disrupting Rotator Cuff Disease with Advanced Biologics Using the Regeneten Bioinductive Implant." Smith & Nephew Booth Talk. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 12, 2019.

Freehill MT. “The Latarjet. A Case Presentation.” Shoulder Instability- Complex Issues in Instability Surgery: A Case-based Approach. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 12, 2019.

Freehill MT. “The Single Row Repair.” The Rotator Cuff. Pre-course. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 11, 2019.

Reynolds JW, Henshaw DS, Jaffe JD, Dobson SW, Edwards CJ, Turner JD, Weller RS, Graves BR, **Freehill MT.** Analgesic Benefit of PECS II Blockade for Open Subpectoral Biceps Tenodesis: A Randomised, Prospective, Double-Blinded, Control Trial. Annual Meeting. Arthroscopic Association of North America. Orlando, Florida. May 4, 2019.

Freehill MT. Technological Advances to Improve Rotator Cuff Biology Utilizing the Regeneten Bioinductive Implant. Smith & Nephew Booth Talk. Annual Meeting. Arthroscopic Association of North America. Orlando, Florida. May 4, 2019.

Freehill MT. “Arthroscopic Autogenous and Allograft Bone Block.” Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization. Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Orlando, Florida. May 4, 2019.

Freehill MT. “Limited Options: Is There a Role? Tear Pattern Recognition, Debridement and Partial Repair for Rotator Cuff Tears.” Instructional Course Lecture. Management of the Irreparable Rotator Cuff Tear without Glenohumeral Arthritis. Annual Meeting. Arthroscopic Association of North America. Orlando, Florida. May 3, 2019.

Freehill MT. “Biologic Solutions to Treat Massive Rotator Cuff Tears.” Smith & Nephew Lunchtime Session. Annual Meeting. Arthroscopic Association of North America. Orlando, Florida. May 2, 2019.

Freehill MT. Regeneten: Bioinductive Implant. “The Rotation Graft”. Smith & Nephew Dinner Symposium. Washington, DC. May 1, 2019.

Freehill MT. Limited Options: Is There a Role? Tear Pattern Recognition, Debridement and Partial Repair for Rotator Cuff Tears. Management of the Challenging Rotator Cuff Tear. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 15, 2019.

Freehill MT. Subscapularis Rotator Cuff Repair: Techniques and Clinical Outcomes. Arthroscopic Rotator Cuff Repair. A General Instructional Course Lecture. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 13, 2019.

Freehill MT. Is Resection Arthroplasty Ever an Option? Decision Making for Complex Shoulder Problems: A Case-Based Approach. Symposium. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 12, 2019.

Freehill MT. Complex Shoulder Arthroplasty: Primary & Revision, Anatomic & Reverse, Three-Dimensional Planning: When and How? Instructional Course Lecture. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 12, 2019.

Freehill MT. Anterior Dislocation: Debate. “Fix It Now! Don’t Wait!” Orthopaedic Summit 2017: Evolving Techniques. Las Vegas, Nevada. December 7, 2018.

Freehill MT. Understanding today’s advanced techniques and technology- treating patients with the best choice for their pathology. Smith & Nephew Lunch Symposium. Orthopaedic Summit 2017: Evolving Techniques. Las Vegas, Nevada. December 7, 2018.

Freehill MT. Regeneten: Bioinductive Implant. “The Rotation Graft”. Smith & Nephew Dinner Symposium. Raleigh, NC. November 28, 2018.

Freehill MT. Rotator Cuff Repair Constructs. 3rd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. September 28, 2018.

Freehill MT. I Would...Fix It Low. The Subpectoral Biceps Tenodesis with Q-Fix. 3rd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. September 27, 2018.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? 57th Carl E. Badgley Day. Department Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. September 21, 2018.

Freehill MT. SLAP-Biceps Tenodesis. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, Illinois. August 21, 2018.

Freehill MT. Recognize and Repair Subscapularis Tears. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, Illinois. August 21, 2018.

Freehill MT. SLAP Tears in Overhead Athletes: Should we be fixing them? How do we fix them? Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 18, 2018.

Freehill MT. My Journey with Regeneten: Does it have a role in the overhead athlete. Smith & Nephew Booth Presentation. American Orthopaedic Society for Sports Medicine. Annual Meeting. San Diego, CA. July 6, 2018.

Freehill MT. The Truth about Weighted Ball Programs. Session: Overhead Athlete. American Orthopaedic Society for Sports Medicine. Annual Meeting. San Diego, CA. July 5, 2018.

Freehill MT. Pre-operative Planning: Total Shoulder Arthroplasty Component Size Predictive Validation. Codman Shoulder Society Annual Meeting. San Diego, CA. June 23, 2018.

Freehill MT. Glenoid Fixation Methods: Where we are, where we are going! 35th Annual San Diego Shoulder Course. Smith & Nephew Lunch Workshop. San Diego, CA. June 22, 2018.

Freehill MT. Limited Options: Is There a Role? Tear Pattern Recognition, Debridement and Partial Repair for Rotator Cuff Tears. Management of the Challenging Rotator Cuff Tear. Vumedi Webinar. June 20, 2018.

Freehill MT. The Thrower's Shoulder. Head, Shoulders, Knees & Toes and everything in between. An Evidence Based Approach to Sports Medicine. University of Michigan. Ann Arbor, Michigan. May 31, 2018.

Freehill MT. Ulnar Collateral Ligament Injuries in Baseball Throwers: A Fresh "Different" Perspective. Musculoskeletal Research in Progress (MSK RiP). University of Michigan. Ann Arbor, Michigan. May 15, 2018.

Freehill MT. The Throwing Shoulder. Resident Review Lecture. Department of Orthopaedic Surgery. University of Michigan. May 11, 2018.

Freehill MT. Athletic Injuries Around the Elbow. Resident Review Lecture. Department of Orthopaedic Surgery. University of Michigan. May 11, 2018.

Freehill MT. Subpectoral Biceps Tenodesis with an All-Suture Anchor. ISAKOS Shoulder Consensus Meeting. Munich, Germany. May 7, 2018.

Freehill MT. Post-Operative Rehabilitation Following Rotator Cuff Repair. ISAKOS Shoulder Consensus Meeting. Munich, Germany. May 5, 2018.

Freehill MT. "The Arthroscopic Bone Block." Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization. Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 28, 2018.

Freehill MT. “Double Row is Mandatory.” 21st Century Controversies with 21st Century Leaders: Case Based Debates. Medium Posterior Superior RC Tear: The Debate Continues. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 27, 2018.

Freehill MT. “SLAP Tears in Overhead Athletes: Where are we in 2018?” The Holy Grail: Can We Successfully Treat the Overhead Athlete? Expert Advice and Experience. Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 27, 2018.

Freehill MT. The Throwing Shoulder: What You Need To Know. Medsport All-Staff In-Service Presentation. University of Michigan. Ann Arbor, Michigan. April 5, 2018.

Freehill MT. Complex Shoulder Arthroplasty: Primary & Revision, Anatomic & Reverse, Three-Dimensional Planning: When and How? Instructional Course Lecture. American Academy of Orthopaedic Surgeons 82nd Annual Meeting. New Orleans, Louisiana. March 9, 2018.

Freehill MT. Limited Options: Is There a Role? Tear Pattern Recognition, Debridement and Partial Repair for Rotator Cuff Tears. Management of the Challenging Rotator Cuff Tear. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 82nd Annual Meeting. New Orleans, Louisiana. March 9, 2018.

Freehill MT. Regeneten. Bioinductive Implant. “The Rotation Graft.” Smith & Nephew National Sales Meeting. Orlando, Florida. February 17, 2018.

Freehill MT. Indications and Results of Posterior Capsuloplasty. Paris Shoulder Symposium. Instability Update and Controversies. Paris, France. February 3, 2018.

Freehill MT. Arthroscopic Recurrent Anterior Dislocation and Hyperlaxity: How to do? Paris Shoulder Symposium. Instability Update and Controversies. Paris, France. February 2, 2018.

Freehill MT. Acute Anterior Dislocation Without Bony Lesion. “Relive Surgery.” Paris Shoulder Symposium. Instability Update and Controversies. Paris, France. February 1, 2018.

Lemos SE, **Freehill MT.** Non-Game Injuries in Major League Baseball. MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Orlando, FL. December 9, 2017. (presented by SEL)

Freehill MT. Anterior Dislocation: The In-Season Collision Athlete. “Fix It Now! Don’t Wait!” Orthopaedic Summit 2017: Evolving Techniques. Las Vegas, Nevada. December 8, 2017.

Freehill MT. Rotator Cuff Repair Constructs. 2nd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. October 27, 2017.

Freehill MT. I Would...Fix It Low. The Subpectoral Biceps Tenodesis. 2nd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. October 26, 2017.

Inclan PM, Parker BR, **Freehill MT**, Carter JE, Hyde AS, Tuohy CJ. Fellowship Training: The Financial Impact on Orthopaedic Surgeon Career Value. Eastern Orthopaedic Association. Annual Meeting. Miami Beach, Florida. October 21, 2017. (presented by PMI)

Jinnah AH, Luo TD, Wiesler ER, Li Z, Poehling GG, Tuohy CJ, Graves BR, **Freehill MT**, Papadonikolakis A. Surgeon Experience is Not Associated with Elbow Arthroscopy Complications. Eastern Orthopaedic Association. Miami Beach, Florida. October 19, 2017. (presented by AHJ)

Freehill MT. The Arthroscopic Latarjet Revisited. The Cutting Edge 2017: Arthroscopic and Open Shoulder Techniques in the Athlete’s Shoulder. American Orthopaedic Society for Sports Medicine. Orthopaedic Learning Center. Rosemont, Illinois. October 14, 2017.

Freehill MT. The Biceps Tenodesis: Subpectoral Technique. The Cutting Edge 2017: Arthroscopic and Open Shoulder Techniques in the Athlete's Shoulder. American Orthopaedic Society for Sports Medicine. Orthopaedic Learning Center. Rosemont, Illinois. October 13, 2017.

Freehill MT. SLAP Tears in Overhead Athletes: Evaluation, Treatment, Moving Forward. The 44th Japan Shoulder Society combined with the 1st Asia-Pacific Shoulder & Elbow Symposium. Toyko, Japan. October 8, 2017.

Freehill MT. The Ulnar Collateral Ligament in 2017: Why we are here, Where we are going. 56th Carl E. Badgley Day. Department Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. September 15, 2017.

Freehill MT. Management of Glenoid Bone Loss. Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. August 29, 2017.

Freehill MT. "The Arthroscopic Bone Block." Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization. Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 21, 2017.

Freehill MT. Subpectoral Biceps Tenodesis. Shoulder Techniques Video Session. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 20, 2017.

Luo TD, Naugher GL, Stone AV, Mannava S, Strahm JG, **Freehill MT.** Ultra-long-toss vs straight-line throwing for glenohumeral range of motion recovery in collegiate baseball pitchers. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Canada. July 20, 2017.

Freehill MT. The Baseball Thrower: What Can Non-Orthopaedic Surgeons Teach Us? Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 20, 2017.

Freehill MT. Optimizing the Double Row Construct: Medial Row Management and Suture Tape Options. Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 13, 2017.

Freehill MT. Ulnar Collateral Ligament 2017. East Ann Arbor Surgery Center Inservice. University of Michigan. Ann Arbor, Michigan. June 22, 2017.

Freehill MT. Distal Biceps Injuries: Tendon and Ligament Injuries in the Elbow. Symposium. 11th Biennial ISAKOS Congress. Shanghai, China. June 6, 2017.

Freehill MT. Osseous Injuries in Skeletally Immature Throwing Athletes: Sports Injuries of the Elbow. Symposium. 11th Biennial ISAKOS Congress. Shanghai, China. June 4, 2017.

Jinnah AH, Almasri TN, Anwer ANA, Javed HZ, Li Z, Wiesler ER, Poehling GG, Tuohy CJ, **Freehill MT,** Papadonikolakis A. Factors Associated With Complications Of Elbow Arthroscopy. Analysis Of 253 Cases. 11th Biennial ISAKOS Congress. Shanghai, China. June 4, 2017. (presented by AP)

Freehill MT. Biceps Tenodesis. Shoulder Instrumentation Options in 2017: What We Know, What We Don't, and Where We Are Going. Smith & Nephew Lunchtime Course Workshop. Annual Meeting. Arthroscopic Association of North America. Denver, Colorado, May 18, 2017.

Freehill MT. "Ulnar Collateral Ligament: Where are we in 2017?" The Holy Grail: Can We Successfully Treat the Overhead Athlete? Expert Advice and Experience. Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Denver, Colorado, May 18, 2017.

Freehill MT. The Sideline Shoulder Evaluation. Outreach Athletic Trainers Conference. Medsport at University of Michigan. Ann Arbor, Michigan. April 24, 2017.

Luo TD, Naugher GL, Stone AV, Strahm JG, Mannava S, **Freehill MT**. The effect of ultra-long-toss throwing on glenohumeral range of motion in collegiate baseball pitchers. American Academy of Orthopaedic Surgeons 81st Annual Meeting. San Diego, CA. March 17, 2017. (presented by TDL)

Freehill MT. Subpectoral Biceps Tenodesis: Q-Fix All Suture Anchor Technique. Smith and Nephew Advanced Techniques in Shoulder Surgery. Austin, TX. March 4, 2017.

Freehill MT. Optimizing the Double Row Construct: Medial Row Management and Suture Tape Options. Smith and Nephew Advanced Techniques in Shoulder Surgery. Austin, TX. March 4, 2017.

Freehill MT. Failed Bankart or Moderate Glenoid Bone Loss Option: The Arthroscopic Eden-Hybinette Procedure. Smith and Nephew Advanced Techniques in Shoulder Surgery. Austin, TX. March 3, 2017.

Freehill MT. The Throwing Shoulder: What You Need To Know. Orthopaedic Resident Lecture. University of Michigan. Ann Arbor, Michigan. February 8, 2017.

Freehill MT. So You Want to be an Orthopaedic Sports Medicine Surgeon? Orthopaedic Surgery Interest Group. Wake Forest University School of Medicine. January 15, 2017.

Freehill MT. Instability of the Overhead Athlete: Should We Do More? Orthopaedic Summit: Evolving Techniques. Las Vegas, Nevada. December 9, 2016.

Freehill MT. Shoulder Instability: Revisions and Reflections (are we doing it right?). Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. October 27, 2016.

Freehill MT. The Throwing Shoulder and the Long-Toss: Should we be doing it? How should we do it? New Orleans International Advanced Shoulder Symposium. New Orleans, Louisiana. October 21, 2016.

Freehill MT. Biceps Tenodesis Using the Q-Fix All-Suture Anchor. Webcast: Complex Shoulder Cases...How I Do Them. New Orleans, Louisiana. October 20, 2016.

Schumacher CWV, Fallin JH, **Freehill MT**. What's with the Cups? 1st Annual Gary G. Poehling Lectureship. Wake Forest University. Winston-Salem, North Carolina. September 20, 2016. (presented by CWVS)

Freehill MT. Alternative Management Options in Instability Surgery: The Arthroscopic Eden-Hybinette. Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. September 13, 2016.

Santago AC, Vidt ME, Li X, Tuohy CJ, Poehling GG, **Freehill MT**, Saul KR. Shoulder strength requirements for upper limb functional tasks: Does age and rotator cuff tear status matter? 40th Annual Meeting of the American Biomechanics Society. Raleigh, North Carolina. August 2-5, 2016. (presented by ACS)

Freehill MT. The Shoulder: Common Problems and Treatments as We Get Older. Arbor Acres Retirement Community. Winston-Salem, North Carolina. July 26, 2016.

Freehill MT. Ahmad CS, Walter TF, Strahm JG, Hobbs MB. "The Baseball Thrower: What Can Non-Orthopaedic Surgeons Teach Us?" Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Colorado Springs, Colorado. July 10, 2016.

Freehill MT. Defining the Long-Toss in Professional Baseball: An Epidemiological Study. Magellan Society Meeting. Taos, New Mexico. July 6, 2016.

Freehill MT. The Baseball Thrower: What we think we know, what we should know, what we don't know. Grand Rounds. University of Michigan. Department of Orthopaedic Surgery. Ann Arbor, Michigan. June 29, 2016.

Lavender JD, Pedersen AP, **Freehill MT**, Ferguson CM. Case Report: Axillary Artery Thrombosis with Emboli as a Cause of Hand Pain in a Collegiate Pitcher. National Athletic Trainers Association Clinical Symposia & Athletic Trainer Exposition. Baltimore, Maryland. June 23, 2016. (presented by JDL)

Freehill MT. SLAP Tears in Overhead Athletes. Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. June 9, 2016.

Delaney RA, **Freehill MT**, Warner JJP. Neuromonitoring the Latarjet Procedure: Which Steps of the Procedure are at Risk? The Nice Shoulder Course. Nice, France. June 4, 2016. (presented by JJP)

Freehill MT. Dealing with Bone Loss, Treatment and Options: The Latarjet. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. June 4, 2016.

Freehill MT. Considerations and Treatment: Revision Instability. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. June 4, 2016.

Freehill MT. Partial Rotator Cuff Tears: Options. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. June 3, 2016.

Stone AV, Mannava S, Patel A, Marquez-Lara, A, **Freehill MT**. The Use of Long-Toss Throwing by Professional Pitchers: an epidemiological study. 13th International Congress of Shoulder and Elbow Surgeons (ICSES). Jeju, Korea. May 19, 2016.

Freehill MT. Bridging the Gap: What are they throwing? Why is that important? Japan-USA Baseball Seminar. Tokyo, Japan. May 16, 2016.

Freehill MT. SLAP Tears in Overhead Athletes: Evaluation, treatment, moving forward. Japan-USA Baseball Seminar. Tokyo, Japan. May 16, 2016.

Freehill MT. The Long Toss: What Exactly Is It? Japan-USA Baseball Seminar. Tokyo, Japan. May 16, 2016.

Freehill MT. Latarjet. Smith and Nephew Fellows Advanced Shoulder Course. Austin, TX. April 23, 2016.

Freehill MT. The Biceps Tendon: When to Kill, When to Keep, and When to Tenodesis. Smith and Nephew Fellows Advanced Shoulder Course. Austin, TX. April 23, 2016.

Freehill MT. Bone Block for Revision Anterior Instability: Arthroscopic Eden-Hybinette. Smith and Nephew Fellows Advanced Shoulder Course. Austin, TX. April 22, 2016.

Freehill MT. SLAP Lesion Repair: When and How? Smith and Nephew Fellows Advanced Shoulder Course. Austin, TX. April 22, 2016.

Lavender JD, Pedersen AP, **Freehill MT**, Ferguson CM. Case Report: Axillary Artery Thrombosis with Emboli as a Cause of Hand Pain in a Collegiate Pitcher. North Carolina Athletic Trainer Association. Wrightsville Beach, NC. March 5, 2016. (presented by JDL)

Freehill MT. So You Want to be an Orthopaedic Sports Medicine Surgeon? Orthopaedic Surgery Interest Group. Wake Forest University School of Medicine. February 16, 2016.

Freehill MT. Glenohumeral Arthritis: Decision Making. Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. February 4, 2016.

Freehill MT. The Long Toss: What Exactly Is It? Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Nashville, TN. December 5, 2015.

Freehill MT, Mannava S. Presumed Testicular Rupture: Review of the Literature for On-Field Recognition and Management. Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Nashville, TN. December 5, 2015. (presented by SM)

Freehill MT. Elbow Instability in the Overhead Athlete. 8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 24, 2015.

Freehill MT. Evaluation & Management. The Overhead Athlete: SLAP Tears 8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 24, 2015.

Freehill MT. Bone Block for Revision Anterior Instability: Arthroscopic Eden-Hybinette with Non-Rigid Fixation. 8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 23, 2015.

Freehill MT. Posterior Labral Tears. 8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 23, 2015.

Freehill MT. Subpectoral Arthroscopic Assisted Biceps Tenodesis. 8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 23, 2015.

Freehill MT. Shoulder Instability: Revisions and Reflections (are we doing right?). Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. October 17, 2015.

Stone AV, Mannava S, **Freehill MT**. A Critical Review of the Long-Toss in Baseball Throwing. North Carolina Orthopaedic Association. Annual Meeting. Kiawah Island, SC. Oct 10, 2015. (presented by AVS)

Freehill MT. "Pitching: Making the Ball Do That." Little Orthopaedic Club. Annual Meeting. Winston-Salem, NC. September 16-19, 2015.

Freehill MT. Alternative Management Options in Instability Surgery: the Arthroscopic Eden-Hybinette. Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. September 15, 2015.

Freehill MT. Sporting the Asia-Pacific Rim. The AOSSM Traveling Fellowship. Department of Orthopaedic Surgery. Grand Rounds. Wake Forest University. July 8, 2015.

Freehill MT. Shoulder Symposium: The Biceps Tendon in the Young & Athletically Active Patient. SLAP Tears in Overhead Athletes: Repair vs. Tenodesis. 10th Biennial ISAKOS Congress. Lyon, France. June 8, 2015.

Freehill MT. Shoulder Instability: Tips, Tricks, Thoughts, and Hopefully Useful Information. Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. June 4, 2015.

Freehill MT. "Bridging the Gap: What are they throwing? Why is that important?" AOSSM-APKASS Sports Symposium. Taipei Medical University. Taipei Medical Center. Taipei, Taiwan. May 6, 2015.

Freehill MT. "Bridging the Gap: What are they throwing? Why is that important?" AOSSM-APKASS Sports Symposium. China University Hong Kong. Prince of Wales Hospital. Hong Kong. April 30, 2015.

Freehill MT. The Subpectoral Biceps Tenodesis. International Forum Orthopaedic Society Sports Medicine (IFOSMA). Shenzhen, China. April 28, 2015.

Freehill MT. Considerations and treatment of the revision instability patients. Malaysian Arthroscopy Society-American Orthopaedic Society Sports Medicine. Arthroscopy Symposium. Kuala Lumpur, Malaysia. April 25, 2015.

Freehill MT. Posterior Labral Tears. The AOSSM Traveling Fellowship. University of Malaya. Kuala Lumpur, Malaysia. April 24, 2015.

Freehill MT. Posterior Labral Tears. The AOSSM Traveling Fellowship. Changi General Hospital and Sports Centre. Singapore. April 22, 2015.

Freehill MT. Posterior Labral Tears. The AOSSM Traveling Fellowship. Singapore General Hospital. Singapore. April 21, 2015.

Freehill MT. Subpectoral biceps tenodesis. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. April 10, 2015.

Freehill MT. Considerations and treatment of the revision instability patients. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. April 11, 2015.

Freehill MT. Posterior Labral Tears. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. April 11, 2015.

Freehill MT. Standard and accessory portals: set-up to advanced. Regional Shoulder Course. Smith & Nephew. Charleston, South Carolina. April 10, 2015.

Shi LL, Mullen MG, **Freehill MT**, Lin A, Warner JJ, Higgins LD. Accuracy of the long head of the biceps subluxation as a predictor for subscapularis tears. American Academy of Orthopaedic Surgeons 79th Annual Meeting. Las Vegas, Nevada. March 25, 2015. (presented by LLS)

Freehill MT. The French Shoulder Experience. Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. January 8, 2015.

Freehill MT. The Throwing Shoulder. Department of Orthopaedic Surgery. Sports Medicine Subspecialty Conference. Wake Forest University. November 6, 2014.

Freehill MT. Biomechanics and Pitching Drills. "What's Really Right?" Thrower's Clinic. Wake Forest Baptist Health. Winston-Salem, North Carolina. November 5, 2014.

Case JM, Mannava S, Martin DF, **Freehill MT.** Acute changes in glenohumeral range of motion following in-season professional pitching appearances. North Carolina Orthopaedic Association (NCOA) Annual Meeting. Asheville, North Carolina. November 2, 2014. (presented by JMC)

Freehill MT. Cadet ER, Boykin RE, Hamid N. Shoulder Sports Symposium: Point-Counterpoint: Biceps Tenodesis vs Tenotomy/Rotator Cuff Fixation: Single Row vs Double Row. North Carolina Orthopaedic Association (NCOA) Annual Meeting. Asheville, North Carolina. November 1, 2014.

Freehill MT. The Throwing Shoulder. Musculoskeletal Radiology Conference. Department Radiology. Wake Forest University. October 28, 2014.

Iriberrri I, **Freehill MT**, Pons-Villanueva J, Candrian C, Raiss P, Walch G. Subscapularis muscle fatty infiltration and clinical evaluation after tenotomy and repair in total shoulder arthroplasty. Eastern Orthopaedic Association (EOA) Annual Meeting. Amelia Island, Florida. October 25, 2014.

Freehill MT. Standard and Accessory Portals: Diagnostic Shoulder Arthroscopy. AAOS Fundamentals of Knee and Shoulder Arthroscopy for Orthopaedic Residents. Orthopaedic Learning Center. Rosemont, Illinois. September 13, 2014.

Freehill MT. Posterior Labral Tears. Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. September 9, 2014.

Freehill MT. Posterior Labral Tears. Department of Orthopaedic Surgery, Sports Medicine Subspecialty Conference. Wake Forest University. July 31, 2014.

Vidt ME, Santago AC, Tuohy CJ, Poehling GG, **Freehill MT**, Marsh AP, Hegedus EJ, Miller ME, Saul KR. Assessment of a functional pulling task in older adults with and without a rotator cuff tear: A simulation study using subject-specific models. 10th Conference of the International Shoulder Group. Waterloo, Ontario, Canada. July 13-15, 2014. (presented by MEV)

Freehill MT. Subpectoral Biceps Tenodesis. Regional Shoulder and Hip Course. Smith & Nephew. Richmond, Virginia. June 28, 2014.

Freehill MT. Posterior Labral Tears. Regional Shoulder and Hip Course. Smith & Nephew. Richmond, Virginia. June 28, 2014.

Vidt ME, Santago AC, Tuohy CJ, Poehling GG, **Freehill MT**, Kraft RA, Marsh AP, Hegedus EJ, Miller ME, Saul KR. Quantification of muscle volume, fatty infiltration, and strength following a rotator cuff tear in a cohort of older adults. 13th Annual School of Biomedical Engineering and Sciences Graduate Student Research Symposium. Winston-Salem, NC. May 15, 2014. (presented by MEV)

Delaney RA, **Freehill MT**, Janfaza DR, Vlassakov KV, Higgins LD, Warner JJ. Neuromonitoring the the Latarjet Procedure. Specialty Day Meeting of the American Shoulder and Elbow Surgeons (ASES) at the American Academy of Orthopaedic Surgeons 79th Annual Meeting. New Orleans, Louisiana. March 15, 2014. (presented by RAD)

Iriberry I, **Freehill MT**, Raiss P, Boileau P, Walch G, Candrian C. Should reverse total shoulder arthroplasty be the index procedure in over 80 year old patients? Shoulder and Elbow Guided Poster Tour and Presentation. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Poster #P333. New Orleans, Louisiana. March 14, 2014.

Delaney RA, **Freehill MT**, Janfaza DR, Vlassakov KV, Higgins LD, Warner JJ. Neuromonitoring the the Latarjet Procedure. American Academy of Orthopaedic Surgeons 79th Annual Meeting. New Orleans, Louisiana. March 12, 2014. (presented by RAD)

Freehill MT. Glenohumeral Arthritis. The Big Picture. Department of Orthopaedic Surgery, Sports Medicine Subspecialty Conference. Wake Forest University. February 6, 2014.

Freehill MT. Treatment Options: Rotator Cuff. Best Health Conference. Wake Forest Baptist Health. Miller Plaza. Winston-Salem, North Carolina. November 19, 2013.

Freehill MT. Biomechanics and Pitching Drills. "What's Really Right?" Thrower's Clinic. Improve your throwing performance. Wake Forest Baptist Health. Winston-Salem, North Carolina. November 12, 2013.

Freehill MT, Ebel BG, Bancells RL, Farjoodi P, Cosgarea AJ, Wilckens JH. "Bridging the Gap: What are they throwing? Why is that important?" North Carolina Orthopaedic Association (NCOA) Annual Meeting. Greenbrier, West Virginia. November 2, 2013.

Delaney RA, **Freehill MT**, Janfaza DR, Vlassakov KV, Higgins LD, Warner JJ. Neuromonitoring the Latarjet Procedure. Closed Meeting of the American Shoulder and Elbow Surgeons (ASES). Las Vegas, Nevada. October 15, 2013. (presented by JPW)

Freehill MT. Standard and Accessory Portals: Diagnostic Shoulder Arthroscopy. AAOS Fundamentals of Knee and Shoulder Arthroscopy for Orthopaedic Residents. Orthopaedic Learning Center. Rosemont, Illinois. October 5, 2013.

Delaney RA, **Freehill MT**, Higgins LD, Warner JJ. Neuromonitoring the Latarjet Procedure. European Society for Surgery of the Shoulder and Elbow (SECEC). Madrid, Spain. September 21, 2013. (presented by RAD)

Freehill MT. The Ulnar Collateral Ligament in the Overhead Athlete. Detroit Medical Center. Sports Medicine Institute Visiting Lectureship. Detroit, Michigan. September 18, 2013.

Freehill MT. The Throwing Shoulder. Detroit Medical Center. Sports Medicine Institute Visiting Lectureship. Detroit, Michigan. September 18, 2013.

Freehill MT. Subpectoral Biceps Tenodesis and Lab. Detroit Medical Center. Sports Medicine Institute Visiting Lectureship. Detroit, Michigan. September 18, 2013.

Freehill MT. Subpectoral Biceps Tenodesis. Regional Shoulder and Hip Course. Smith & Nephew. Charlotte, North Carolina. September 14, 2013.

Vidt ME, Santago AC, Tuohy CJ, **Freehill MT**, Poehling GG, Miller ME, Saul KR. Kinematic and functional evaluation of daily living tasks in older adults with and without a rotator cuff tear. 37th Annual Meeting of the American Society of Biomechanics. Omaha, Nebraska. September 4-7, 2013. (presented by MEV)

Freehill MT. Partial Thickness Rotator Cuff Tears. Department of Orthopaedic Surgery, Sports Medicine Subspecialty Conference. Wake Forest University. August 29, 2013.

Freehill MT. Rotator Cuff Repair. Department Orthopaedic Surgery. Wake Forest University. Residency Lecture and Lab. May 4, 2013.

Freehill MT, Schwartz DG, Jany R, Lafosse L. Gastronomy for Thought: The arthroscopic Latarjet procedure: Indications and Observations: A French Experience. 12th International Congress of Shoulder and Elbow Surgery (ICSES 2013) Nagoya, Japan. April 12, 2013.

Freehill MT, Schulman BL, Lee TQ, Safran MR. Does Ulnar Collateral Laxity Increase with Competitive Pitching? 12th International Congress of Shoulder and Elbow Surgery (ICSES 2013) Nagoya, Japan. April 10, 2013.

Shi LL, **Freehill MT**, Ek ETH, Tompson JD, Higgins LD, Warner JJ. Suprascapular notch injection as a predictor for suprascapular nerve decompression. 12th International Congress of Shoulder and Elbow Surgery (ICSES 2013) Nagoya, Japan. April 10, 2013.

Delaney RA, **Freehill MT**, Higgins LD, Warner JP. Durability of Partial Humeral Head Resurfacing. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Alternate Podium Presentation. Chicago, Illinois. March 22, 2013. (presented by RAD)

Delaney RA, **Freehill MT**, Higgins LD, Warner JP. Durability of Partial Humeral Head Resurfacing. Shoulder and Elbow Guided Poster Tour. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Poster #P300. Chicago, Illinois. March 22, 2013. (presented by RAD)

Ek ETH, Shi LL, Tompson JD, **Freehill MT**, Warner JJ. Surgical Treatment of Isolated Type II SLAP Lesions: Repair versus Biceps Tenodesis. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Chicago, Illinois. March 20, 2013. (presented by ETHE)

Freehill MT. The Throwing Shoulder. Grand Rounds. Department of Orthopaedic Surgery. Wake Forest University. March 13, 2013.

Freehill MT. Partial Thickness Rotator Cuff Tears. Department of Orthopaedic Surgery, Sports Medicine Subspecialty Conference. Wake Forest University. February 14, 2013.

Freehill MT. Multidirectional Instability. Sorting it all out. Department of Family Medicine, Sports Medicine Conference. Wake Forest University. January 18, 2013.

Freehill MT. Glenohumeral Arthritis. The Big Picture. Department of Orthopaedic Surgery, Sports Medicine Subspecialty Conference. Wake Forest University. January 17, 2013.

Freehill MT, Ebel BG, Bancells RL, Farjoodi P, Cosgarea AJ, Wilckens JH. "Bridging the Gap: What are they throwing? Why is that important?" Professional Baseball Athletic Trainers Society (PBATS) Baseball Medicine Conference. Baltimore, MD. January 4, 2013.

Freehill MT. Schulman BL, Lee TQ, Safran MR. Does Ulnar Collateral Laxity Increase after Competitive Pitching? Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Nashville, TN. December 1, 2012.

Freehill MT. Shoulder Instability. Department Orthopaedic Surgery. Wake Forest University. Residency Lecture and Lab. October 20, 2012.

Freehill MT. Elbow Dislocation and Instability. Department Orthopaedic Surgery, Sports Medicine CORE Residency Conference. Wake Forest University. October 18, 2012.

Freehill MT. Orthopaedic Sports Medicine: Knee Injuries and Treatment. Wake Forest University Medical School Orthopaedic and Sports Medicine Interest Groups. October 18, 2012.

Delaney RA, **Freehill MT**, Higgins LD, Warner JP. Durability of Partial Humeral Head Resurfacing. American Orthopaedic Society Sports Medicine. Annual Meeting. Baltimore, MD. July 15, 2012 (presented by RAD)

Lafosse L, Bongiorno V, Szöllösy G, **Freehill MT**, Schwartz DG. The Arthroscopic Latarjet Procedure: Current Technique, Pearls and Pitfalls, Results. Nice Shoulder Course. Nice, France. June 7, 2012. (presented by LL)

Abrams GD, McGarry MH, Jain NS, **Freehill MT**, Shin S-J, Cheung EV, Lee TQ, Safran MR. Coracoclavicular and Acromioclavicular Ligament Reconstruction with a Continuous Intramedullary Tissue Graft. American Academy of Orthopaedic Surgeons 77th Annual Meeting. San Francisco, CA. February 9, 2012 (presented by GDA)

Freehill MT, Schulman BL, Lee TQ, Safran MR. Does Ulnar Collateral Laxity Increase with Competitive Pitching? New England Orthopaedic Society. Fall Meeting. Boston, MA. November 19, 2011.

Freehill MT, Srikumaran U, Archer KR, McFarland EG, Petersen SA. Significant neuroanatomic changes resulting from the Latarjet procedure. American Shoulder and Elbow Surgeons. Closed Meeting. White Sulphur Springs, WV. Oct 14, 2011. (presented by SAP)

Freehill MT. Acetabular Labral Lesions. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. June 7, 2011.

Freehill MT. Osteochondritis Dissecans of the Knee. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. May 24, 2011.

Freehill MT, Schulman BL, Lee TQ, Safran MR. Does Ulnar Collateral Laxity Increase with Competitive Pitching? Research Day. Department Orthopaedic Surgery. Stanford University. April 23, 2011.

Freehill MT. Partial Rotator Cuff Tears. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. April 5, 2011.

Freehill MT. Elbow Dislocation and Instability. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. February 1, 2011.

Freehill MT. Multidirectional Instability. Grand Rounds. Department Physical Medicine and Rehabilitation. Stanford University. January 19, 2011.

Freehill MT. Multidirectional Instability. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. December 14, 2010.

Freehill MT, Ebel BG, Bancells RL, Farjoodi P, Cosgarea AJ, Wilckens JH. "Bridging the Gap: What are they throwing? Why is that important?" Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Orlando, Florida. December 5, 2010.

Freehill MT. Patellar Instability. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. October 19, 2010.

Freehill MT. Lisfranc Injuries and Tarsal Coalitions. Department Orthopaedic Surgery, Sports Medicine Conference. Stanford University. August 24, 2010.

Freehill MT. Glenohumeral Range of Motion in Major League Pitchers: Changes over the season. Resident Graduation Day. Johns Hopkins Department of Orthopaedic Surgery. June 19, 2010.

Freehill MT. "The Glenoid in Dislocation: What happens and what to do?" Grand Rounds. Johns Hopkins Department of Orthopaedic Surgery. June 10, 2010.

Freehill MT. Glenohumeral Range of Motion in Major League Pitchers: Changes over the season. Eastern Orthopaedic Association Annual Meeting. Paradise Island, Bahamas. June 18, 2009.

Freehill MT. Glenohumeral Range of Motion in Major League Pitchers: Changes over the season. Maryland Orthopaedic Association Annual Meeting. Baltimore, Maryland. April 18, 2009.

Freehill MT. Glenohumeral Range of Motion in Major League Pitchers: Changes over the season. Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Las Vegas, Nevada. December 7, 2008.

Freehill MT. Prevention of pain and injury of shoulder. Tulane Research Presentation. Department of Family Medicine. New Orleans, Louisiana. October 24, 2003.

POSTERS/ SCIENTIFIC EXHIBITS

Kalia V, Weick JW, Pacheco EG, Jacobson JA, **Freehill MT**. Osseous Healing with Non-Rigid Suture Fixation Offers a Compelling Alternative to Conventional Latarjet Procedure. Poster Session 2. American Academy of Orthopaedic Surgeons 84th Annual Meeting. Orlando, Florida. March 25-28, 2020.

Cain SM, Rose MJ, McCollum KA, **Freehill MT**. Quantifying Throw Counts and Intensities Throughout A Season in Youth Baseball Players: A Pilot Study. Orthopaedic Research Society. Poster 2119. Phoenix, Arizona. February 8-11, 2020.

Esquivel AO, **Freehill MT**, Curriero FC, Rand KL, Conte SA, Tedeschi TH, Lemos SE. Non-Game Injuries in Major League Baseball. E-poster. 12th Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress. Cancun, Mexico. May 12-16, 2019.

Reynolds JW, Henshaw DS, Jaffe JD, Dobson SW, Edwards CJ, Turner JD, Weller RS, Graves BR, **Freehill MT**. Analgesic Benefit of PECS II Blockade for Open Subpectoral Biceps Tenodesis: A Randomised, Prospective, Double-Blinded, Control Trial. E-poster. 12th Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress. Cancun, Mexico. May 12-16, 2019.

Luo TD, Hedrick LP, Rosas S, Papadonikolakis A, Graves BR, Wiesler ER, **Freehill MT**, Tuohy CJ. Charlson Comorbidity Index Significantly Predicts 90-Day Readmission After Shoulder Arthroplasty. E-poster. 12th Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress. Cancun, Mexico. May 12-16, 2019.

Kalia V, **Freehill MT**, Miller BS, Jacobson JA. Multimodality Imaging Review of Normal Appearance and Complications of the Postoperative Rotator Cuff. Electronic Exhibit. American Roentgen Ray Society Annual Meeting. Honolulu, Hawaii. May 5-9, 2019.

Reynolds JW, Henshaw DS, Jaffe JD, Dobson SW, Edwards CJ, Turner JD, Weller RS, Graves BR, **Freehill MT**. Analgesic Benefit of PECS II Blockade for Open Subpectoral Biceps Tenodesis: A Randomised, Prospective, Double-Blinded, Control Trial. P-15725. American Shoulder Elbow Surgeons. Closed Meeting. Chicago, Illinois. October 11-14, 2018.

Stone AV, Luo TD, Sharma A, Danelson KA, DeGregorio M, **Freehill MT**. Untied Medial Row Suture Construct Maintains Total Contact Force: A Biomechanical Rotator Cuff Repair Study. Poster PS2-180. Orthopaedic Research Society. New Orleans, Louisiana. March 10-13, 2018.

Inclan PM, Parker BR, **Freehill MT**, Carter JE, Hyde AS, Tuohy CJ. Orthopaedist Career Value: The Financial Impact of Fellowship Training. Poster Session 1. American Academy of Orthopaedic Surgeons 82nd Annual Meeting. New Orleans, Louisiana. March 6-10, 2018.

Jinnah AH, Luo TD, Wiesler ER, Li Z, Poehling GG, Tuohy CJ, Graves BR, **Freehill MT**, Papadonikolakis A. Surgeon Experience is Not Associated with Elbow Arthroscopic Complications. Southern Orthopaedic Association. Hilton Head, South Carolina. June 29-July 1, 2017.

Luo TD, Haws BE, Al'Khafaji IM, Rogers JP, **Freehill MT**. Treatment of developing thigh hematomas in athletes: a systematic review. E-Poster at 11th Biennial ISAKOS Congress. Shanghai, China. June 4-8, 2017.

Luo TD, Naugher GL, Stone AV, Mannava S, Strahm JG, **Freehill MT**. Evaluation of ultra-long-toss versus straight-line throwing on glenohumeral range of motion in collegiate baseball pitchers. E-Poster. 11th Biennial ISAKOS Congress. Shanghai, China. June 4-8, 2017.

Freehill MT, Mannava S, Stone AV, McCarthy C, Higgins LD. Bennett's Lesions of the Shoulder: A Current Concepts Review. Eastern Orthopaedic Association. New Orleans, Louisiana. October 20-22, 2016.

Lavender JD, Pedersen AP, **Freehill MT**, Ferguson CM. Case Report: Axillary Artery Thrombosis with Emboli as a Cause of Hand Pain in a Collegiate Pitcher. National Athletic Trainers Association Clinical Symposia & Athletic Trainer Exposition. Baltimore, Maryland. June 22-25, 2016.

Freehill MT, Mannava S, McCarthy C, Higgins LD. Bennett's Lesions of the Shoulder: A Current Concepts Review. 13th International Congress of Shoulder and Elbow Surgeons (ICSES). Jeju, Korea. May 18-20, 2016.

Martell BS, **Freehill MT**, Lenchik L, Kiani B, Weurtzer SD, Torabi M. Pathomechanics of Elbow in the Throwing Athlete; Clinical, Imaging and Arthroscopic Correlation. 101st Scientific Assembly and Annual Meeting of the Radiological Society of North America. Chicago, Illinois. November 29- December 4, 2015.

Hamid KS, Nwachukwu BU, Moon DK, Uoro AO, Stubbs AJ, **Freehill MT**. Cost-Minimization Analysis of Post-Anesthesia Care Unit (PACU) versus Short Stay Hospital Admission for Outpatient Procedures. American Orthopaedic Foot and Ankle Society Annual Meeting; Long Beach, California. July 15-18, 2015.

Bernasconi M, Arigoni M, **Freehill MT**, Rosso R, Candrian C. Three near misses: open book fractures of the pelvis. Jahreskongress der Schweizerischen Gesellschaft für Chirurgie. Kursaal Bern, Switzerland. May 20-22, 2015.

Hamid K, **Freehill MT**. Cost Minimization Analysis of Post-Anesthesia Care Unit Recovery versus Short-Stay Hospital Admission for Outpatient Procedures. Surgical Sciences of Wake Forest University School of Medicine. 22nd Annual Research Day. November 20, 2014.

Torabi M, Lenchik L, **Freehill MT**, Weurtzer SD. Shift in Paradigm for Evaluating Anterior Shoulder Instability: From Engaging and Non-Engaging to On-Track and Off-Track Lesions. Poster EE023. International Skeletal Society. Edinburgh, Scotland. October 15-18, 2014.

Vidt ME, Santago AC, Tuohy CJ, Poehling GG, **Freehill MT**, Kraft RA, Marsh AP, Hegedus EJ, Miller ME, Saul KR. Quantitative assessments of rotator cuff muscle morphology: Do clinical assessment techniques capture whole muscle information? 7th World Congress of Biomechanics. Boston, Massachusetts. July 6-11, 2014.

Iriberry I, **Freehill MT**, Raiss P, Boileau P, Walch G, Candrian C. Should reverse total shoulder arthroplasty be the index procedure in over 80 year old patients? American Academy of Orthopaedic Surgeons 78th Annual Meeting. Poster #P333. New Orleans, Louisiana. March 11-15, 2014.

Abrams GD, McGarry MH, Jain NS, **Freehill MT**, Shin S-J, Cheung EV, Lee TQ, Safran MR. Coracoclavicular and Acromioclavicular Ligament Reconstruction with a Continuous Intramedullary Tissue Graft. E-poster. 9th Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress. Toronto, Ontario, Canada. May 12-16, 2013.

Ek ETH, Shi LL, Tompson JD, **Freehill MT**, Warner JJ. Surgical Treatment of Isolated Type II SLAP Lesions: Repair versus Biceps Tenodesis. Arthroscopy Association North America Annual Meeting. E-poster. San Antonio, Texas. April 25-27, 2013.

Freehill MT, Schwartz DG, Jany R, Lafosse L. Gastronomy for Thought: The Arthroscopic Latarjet Procedure: Indications and Observations. A French Experience. Arthroscopy Association North America Annual Meeting. E-poster. San Antonio, Texas. April 25-27, 2013.

Ek ETH, Shi LL, Tompson JD, **Freehill MT**, Warner JJ. Surgical Treatment of Isolated Type II SLAP Lesions: Repair versus Biceps Tenodesis. 12th International Congress of Shoulder and Elbow Surgery (ICSES 2013). E-poster. Nagoya, Japan. April 10th-12th, 2013.

Shi LL, Delaney R, **Freehill MT**, Tompson JD, Higgins LD, Warner JJ. Reverse shoulder arthroplasty with latissimus dorsi and teres major transfer: a solution for superior and posterior cuff dysfunction. 12th International Congress of Shoulder and Elbow Surgery (ICSES 2013). E-poster. Nagoya, Japan. April 10th-12th, 2013.

Shi LL, Ek ETH, **Freehill MT**, Vezeridis PS, Tompson JD, Higgins LD, Warner JJP. Suprascapular Neuropathy: An Elusive Cause of Shoulder Pain. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Scientific Exhibit No. SE53. Chicago, Illinois. March 19-23, 2013.

Delaney RA, **Freehill MT**, Higgins LD, Warner JP. Durability of Partial Humeral Head Resurfacing. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Poster #P300. Chicago, Illinois. March 19-23, 2013.

Shi LL, **Freehill MT**, Ek ETH, Tompson JD, Higgins LD, Warner JJ. Suprascapular notch injection as a predictor for suprascapular nerve decompression. American Academy of Orthopaedic Surgeons 78th Annual Meeting. Poster #P330. Chicago, Illinois. March 19-23, 2013.

Delaney RA, **Freehill MT**, Higgins LD, Warner JP. Durability of Partial Humeral Head Resurfacing. Open Meeting of the American Shoulder and Elbow Surgeons, held on Specialty Day of the American Academy of Orthopaedic Surgeons 78th Annual Meeting. E-poster. Chicago, Illinois. March 23, 2013.

Shi LL, **Freehill MT**, Ek ETH, Tompson JD, Higgins LD, Warner JJ. Fluoroscopic-guided-suprascapular notch injection as a predictor for suprascapular nerve decompression. Open Meeting of the American Shoulder and Elbow Surgeons, held on Specialty Day of the American Academy of Orthopaedic Surgeons 78th Annual Meeting. E-poster. Chicago, Illinois. March 23, 2013.

Freehill MT, Schulman BL, Lee TQ, Safran MR. Does Elbow Valgus Laxity Increase with Competitive Pitching? Closed Meeting of the American Shoulder and Elbow Surgeons. E-Poster. Sea Island, Georgia. October 11-14, 2012.

Shi LL, **Freehill MT**, Tompson JD, Warner JJ. Fluoroscopic-guided-suprascapular notch injection as a predictor for suprascapular nerve decompression. European Society for Surgery of the Shoulder and Elbow. E-poster. Dubrovnik, Croatia. September 19-22, 2012.

Black EM, Lin A, Wells JH, **Freehill MT**, Srikumaran U, Warner JJ. Arthroscopic Transosseous Rotator Cuff Repair: Technical note and early results. Arthroscopy Association North America Annual Meeting. Poster. Orlando, Florida. May 17-19, 2012.

Srikumaran U, Wells JH, **Freehill MT**, Chong PY, Higgins LD, Warner JJ. Scapular Winging: A Great Masquerader of Shoulder Pathology. American Academy of Orthopaedic Surgeons 77th Annual Meeting. Scientific Exhibit No.SE60. San Francisco, California. February 7-11, 2012.

Freehill MT, Srikumaran U, Archer KR, McFarland EG, Petersen SA. Significant neuroanatomic changes resulting from the Latarjet procedure. American Academy of Orthopaedic Surgeons 76th Annual Meeting. Poster #P292. San Diego, California. February 15-19, 2011.

Farjoodi P, Salari N, **Freehill MT**, Wilckens JH, Khanna AJ. Evaluation and management of the cervical spine in the contact athlete. American Academy of Orthopaedic Surgeons 76th Annual Meeting. Scientific Exhibit No.SE62. San Diego, California. February 15-19, 2011.

Stein BE, Srikumaran U, **Freehill MT**, Wilckens JH. Peripheral nerve blocks in the perioperative pain management of orthopaedic patients. A review of the applicable literature to the practicing orthopaedic surgeon. American Academy of Orthopaedic Surgeons 76th Annual Meeting. Poster. San Diego, California. February 15-19, 2011.

INVITED VISITING PROFESSORSHIPS

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? Grand Rounds. Western Michigan University. Homer Stryker M.D. School of Medicine. Department of Orthopaedic Surgery. Kalamazoo, Michigan. February 11, 2020.

Freehill MT. The Baseball Thrower: What we think we know, what we should know, what we don't know. Grand Rounds. University of Michigan. Department of Orthopaedic Surgery. Ann Arbor, Michigan. June 29, 2016.

Freehill MT. The Ulnar Collateral Ligament in the Overhead Athlete. Detroit Medical Center. Sports Medicine Institute Visiting Lectureship. Detroit, Michigan. September 18, 2013.

Freehill MT. The Throwing Shoulder. Detroit Medical Center. Sports Medicine Institute Visiting Lectureship. Detroit, Michigan. September 18, 2013.

Freehill MT. Subpectoral Biceps Tenodesis and Lab. Detroit Medical Center. Sports Medicine Institute Visiting Lectureship. Detroit, Michigan. September 18, 2013.

INVITED COURSE FACULTY

Freehill MT. American Orthopaedic Society for Sports Medicine 2020 Baseball Surgical Skills Course: *Baseball 2020 Youth to the Big Leagues*. Rosemont, Illinois. October 15-17, 2020.

Freehill MT, Arciero RA, Edwards TB, Ladermann A, Raiss P, Scheibel M, Verma NN, Garrigues GE. Management of Complex Shoulder Instability – What are the Options for the Toughest Cases? Instructional Course Lecture 204. American Shoulder Elbow Society. Annual Meeting. New York, New York. October 2, 2020.

Freehill MT, Ciccotti MG, Dugas JR, Paletta GA. Current Concepts in UCL Reconstruction including Primary Repair Augmentation, Hybrid Reconstruction and Revision Surgery. Instructional Course Lecture 103. American Shoulder Elbow Society. Annual Meeting. New York, New York. October 1, 2020.

Freehill MT. Adhesive Capsulitis and Stiffness Following Rotator Cuff Repair. American Shoulder Elbow Society. Fellows Zoom Conference Series. August 6, 2020.

Freehill MT (Moderator), Ryu RKN, Ciccotti MG, Savoie FH, Verma N, Bedi A, Paletta GA, Lemos SE. 4 Common Shoulder Problems in Overhead Sports: An Interactive, Round Table, Case-Based, Problem Solving Session. Instructional Course Lecture Round Table. American Orthopaedic Society for Sports Medicine. Annual Meeting. Seattle, Washington. July ***, 2020.

Freehill MT. Managing Proximal Biceps Pathology and SLAP Considerations. Why+How' in Shoulder Repair- A Series on the Continuum of Care through the Orthopaedic Journey." Smith & Nephew Education Seminar. April 22, 2020.

Freehill MT. Evaluation and Approach to the Thrower's Shoulder. Session II: Shoulder Biceps/Scapula/AC Joint. American Shoulder Elbow Surgeons. Open Meeting for Specialty Day Online Presentation. American Academy of Orthopaedic Surgeons 84th Annual Meeting. Orlando, Florida. March 28, 2020.

Freehill MT. Course Faculty. Vanderbilt Sports Medicine Baseball Course. Nashville, Tennessee. February 7, 2020.

Freehill MT. Course Faculty. Orthopaedic Summit 2019: Evolving Techniques. Las Vegas, Nevada. December 11-12, 2019.

Freehill MT. Faculty- Presenter/Moderator. 2nd Asia-Pacific Shoulder & Elbow Symposium. Japan-US Baseball Sports Medicine Meeting. Toyko, Japan. Nov 30- Dec 1, 2019.

Freehill MT. Presenting Faculty. 58th Carl E. Badgley Day. Department Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. October 4, 2019.

Course Faculty. 4th Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. October 2-4, 2019.

Freehill MT. Presenting Faculty. Shoulder and Elbow Symposium. Schulthess Klinik. Zurich, Switzerland. September 29, 2019.

Freehill MT. Presenting Faculty. Shoulder and Elbow Staff Symposium. Nouvelle Clinique de L'Union. Toulouse, France. September 26, 2019.

Freehill MT. Presenting Faculty. Shoulder and Elbow Session. La Tour Hospital. Geneva, Switzerland. September 24, 2019.

Freehill MT. S Presenting Faculty. Shoulder and Elbow Scientific Session. Department of Orthopaedics & Traumatology Wrightington Hospital. Wrightington, United Kingdom. September 19, 2019.

Freehill MT. Presenting Faculty. Shoulder and Elbow Symposium. ATOS Klinik Munchen. Munich, Germany. September 17, 2019.

Freehill MT. Presenting Faculty. Grand Rounds. Department of Orthopaedics & Traumatology Antwerp Orthopedic Center, AZ Monica. Antwerp, Belgium. September 12, 2019.

Freehill MT. Presenting Faculty. Shoulder and Elbow Symposium. Sports Surgery Clinic. Dublin, Ireland. September 5, 2019.

Freehill MT. Presenting Faculty. Shoulder and Elbow Symposium. Hospital Universitario Fundacion Jimenez Diaz. Madrid, Spain September 2, 2019.

Freehill MT. Pre-operative Planning for Total Shoulder Arthroplasty and Component Size Predictive Validation Implications for Inventory Management. 6th European Society for Surgery of the Shoulder and Elbow (ESSSE) Closed Meeting. Copenhagen, Denmark. September 1, 2019.

Freehill MT. Chair. Shoulder Repair Session. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 27, 2019.

Freehill MT. Update on Using Blueprint to Predict Implants Used in Shoulder Arthroplasty: Implications for Inventory Management. Codman Shoulder Society. San Diego, California. June 22, 2019.

Freehill MT. Course Faculty. Moderator. The AC Joint in 2019. Orthopaedic Summit 2019: Evolving Techniques. Las Vegas, Nevada. December 12, 2019.

Freehill MT. Live Surgery Demonstration. Subpectoral Biceps Tenodesis with Q-Fix. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 27, 2019.

Freehill MT. Chair. Shoulder Repair Session. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 27, 2019.

Freehill MT. Faculty. Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 18, 2019.

Freehill MT. Shoulder Instability- What Would You Do? Session: Shoulder Instability - From Anterior to Posterior Panelist. American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, Massachusetts. July 13, 2019.

Freehill MT, Dhawan A, Provencher MT, Bedi A, Lin A. Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization. Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, Massachusetts. July 13, 2019.

Freehill MT, Ryu RKN, Ciccotti MG, Savoie FH, Verma N, Bedi A, Paletta GA, Lemos SE. 5 Common Shoulder Problems in Overhead Sports: An Interactive, Case-Based, Problem Solving Session. Instructional Course Round Table. American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, Massachusetts. July 11, 2019.

Freehill MT. Faculty. 36th Annual San Diego Shoulder Course. San Diego, California. June 19-22, 2019.

Freehill MT, Taverna E, Landreau P, Wong IH, Plancher KD. Advanced Healing Solutions for Shoulder Pathologies. Smith & Nephew Lunchtime Session. Smith & Nephew Lunchtime Session. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 13, 2019.

Freehill MT. Session Chair. Plancher K, Voss A, Weber S. Shoulder Instability- Complex Issues in Instability Surgery: A Case-based Approach. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 12, 2019.

Freehill MT. Faculty. 12th Biennial ISAKOS Congress. Cancun, Mexico. May 11-16, 2019.

Freehill MT. Team Leader for the Shoulder Abstract Section. Arthroscopic Association of North America. Annual Meeting. Orlando, Florida, May 2-4, 2019.

Freehill MT, Dhawan A, Provencher MT, Arce G, Lin A. Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization. Instructional Course Lecture. Arthroscopic Association of North America. Annual Meeting. Orlando, Florida, May 4, 2019.

Freehill MT. Waterman BR, Cole BJ, Getelman MH. Management of the “Irreparable” Rotator Cuff Tear without Glenohumeral Arthritis. Instructional Course Lecture. Arthroscopic Association of North America. Annual Meeting. Orlando, Florida, May 3, 2019.

Freehill MT, Abrams, JS, Wong IH, Plancher KD. Using Biologics to Maximize Healing Potential with Advanced Instability and Rotator Cuff Tear Techniques. Smith & Nephew Lunchtime Session. Annual Meeting. Arthroscopic Association of North America. Orlando, Florida. May 2, 2019.

Freehill MT. Moderator. Symposium V. AC Joint, Biceps, and Everything Else! American Shoulder Elbow Surgeons. Open Meeting on Specialty Day. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 16, 2019.

Freehill MT. Waterman BR, Cole BJ, Levine WN. Management of the Challenging Rotator Cuff Tear. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 15, 2019.

Freehill MT (Moderator). Garrigues GE, Lin A, Srikumaran U. Arthroscopic Rotator Cuff Repair. **A General** Instructional Course Lecture. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 13, 2019.

Freehill MT. Bedi A, Dines DM, Dines JS, Li X, Tokish JM, Srikumaran U, Ricchetti ET, Boileau P, Warner JJ. "Complex Shoulder Arthroplasty: Primary & Revision, Anatomic & Reverse, Three-Dimensional Planning: When and How? Instructional Course Lecture. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 12, 2019.

Freehill MT. Frank RM, Abboud JA, Savoie FH, Levine WN, Chalmers PN, Bravman JT. Decision Making for Complex Shoulder Problems: A Case-Based Approach. Symposium. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, Nevada. March 12, 2019.

Critical Evaluator. American Academy of Orthopaedic Surgeons 83rd Annual Meeting. Las Vegas, NV. March 12-16, 2019.

Freehill MT. Duralde XA, Savoie FH, Amin N. Advanced Healing Through Natural Biologics. Smith & Nephew Lunch Symposium. Orthopaedic Summit 2018: Evolving Techniques. Las Vegas, Nevada. December 7, 2018.

Course Faculty. Panel Discussion with Case Presentations: Challenges in Return to Sport for the Shoulder. Orthopaedic Summit 2018: Evolving Techniques. Las Vegas, Nevada. December 7, 2018.

Course Faculty. Panel Discussion with Case Presentations: The Superior Labrum and Biceps. Orthopaedic Summit 2018: Evolving Techniques. Las Vegas, Nevada. December 7, 2018.

Moderator. Paper Session IV. Total Shoulder Arthroplasty. Annual Meeting. American Shoulder and Elbow Surgeons. Closed Meeting. Chicago Illinois. October 13, 2018.

Course Faculty. 3rd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. September 27-28, 2018.

Freehill MT. Ulnar Collateral Ligament Injury in Baseball Throwers: Is it in the Grips? 57th Carl E. Badgley Day. Department Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. September 21, 2018.

Freehill MT. Chair. Shoulder Repair Session. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 21, 2018.

Freehill MT. Live Surgery Demonstration. Subscapularis Repair. Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 21, 2018.

Freehill MT. SLAP Tears in Overhead Athletes: Should we be fixing them? How do we fix them? Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 18, 2018.

Freehill MT. The Truth about Weighted Ball Programs. Session: Overhead Athlete. American Orthopaedic Society for Sports Medicine. Annual Meeting. San Diego, CA. July 5, 2018.

Freehill MT. Faculty. 35th Annual San Diego Shoulder Course. San Diego, California. June 20-23, 2018.

Freehill MT. Waterman BR, Cole BJ, Levine WN. Management of the Challenging Rotator Cuff Tear. Vumedi Webinar. June 20, 2018.

Freehill MT. Head, Shoulders, Knees & Toes and everything in between. An Evidence Based Approach to Sports Medicine. University of Michigan. Ann Arbor, Michigan. May 31, 2018.

Freehill MT. Surgery Demonstration. Subpectoral Biceps Tenodesis with an All-Suture Anchor. ISAKOS Shoulder Consensus Meeting. Munich, Germany. May 7, 2018.

Freehill MT, Dhawan A, Provencher MT, Lin A, Gervasi E. "Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization." Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 28, 2018.

Freehill MT. Moderator. Scientific Session: Shoulder Biceps/SLAP. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 27, 2018.

Freehill MT. 21st Century Controversies with 21st Century Leaders: Case Based Debates. Moderators: Matthew Provencher and John Tokish. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 28, 2018.

Freehill MT. Moderator. Ryu RKN, Tokish JT, Noonan TJ, Randelli P. "The Holy Grail: Can We Successfully Treat the Overhead Athlete? Expert Advice and Experience" Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Chicago Illinois. April 27, 2018.

Freehill MT. Moderator. Shoulder Instability and Biceps. American Orthopaedic Society for Sports Medicine. Specialty Day. American Academy of Orthopaedic Surgeons 82nd Annual Meeting. New Orleans, Louisiana. March 10, 2018.

Freehill MT. Bedi A, Dines DM, Dines JS, Lederman ES, Li X, Tokish JM, Walch G, Warner JJ. "Complex Shoulder Arthroplasty: Primary & Revision, Anatomic & Reverse, Three-Dimensional Planning: When and How? Instructional Course Lecture. American Academy of Orthopaedic Surgeons 82nd Annual Meeting. New Orleans, Louisiana. March 9, 2018.

Freehill MT. Waterman BR, Cole BJ, Levine WN. Management of the Challenging Rotator Cuff Tear. Instructional Course Lecture. American Academy of Orthopaedic Surgeons 82nd Annual Meeting. New Orleans, Louisiana. March 9, 2018.

Moderator. "Isolated Soft Tissue Lesion and Repair." Paris Shoulder Symposium. Instability Update and Controversies. Paris, France. Feb 2, 2018.

Course Faculty. Paris Shoulder Symposium. Instability Update and Controversies. Paris, France. Feb 1-3, 2018.

Course Faculty. Panel Discussion with Case Presentations: Complications in Shoulder Instability. Orthopaedic Summit 2017: Evolving Techniques. Las Vegas, Nevada. December 8, 2017.

Course Faculty. Panel Discussion with Case Presentations: Acromioclavicular and Sternoclavicular Joint. Orthopaedic Summit 2017: Evolving Techniques. Las Vegas, Nevada. December 8, 2017.

Course Faculty. 2nd New Orleans International Shoulder Symposium. New Orleans, Louisiana. October 26-27, 2017.

Course Faculty. "The Cutting Edge 2017: Arthroscopic and Open Shoulder Techniques in the Athlete's Shoulder." American Orthopaedic Society for Sports Medicine. Orthopaedic Learning Center. Rosemont, Illinois. October 13-14, 2017.

Moderator/Chair. Luncheon Seminar. Shoulder Injuries in Overhead Athletes. The 44th Japan Shoulder Society combined with the 1st Asia-Pacific Shoulder & Elbow Symposium. Tokyo, Japan. October 8, 2017.

Course Faculty. The 44th Japan Shoulder Society combined with the 1st Asia-Pacific Shoulder & Elbow Symposium. Tokyo, Japan. October 6-8, 2017.

Freehill MT. The Ulnar Collateral Ligament in 2017: Why we are here, Where we are going. Badgley Day. Department Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. September 15, 2017.

Course Faculty. Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Andover, MA. Aug. 27-29, 2017.

Freehill MT, Dhawan A, Higgins LD, Lin A. "Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization." Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 21, 2017.

Moderator. Rotator Cuff-Overhead Athlete 2 Session. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 21, 2017.

Freehill MT. Subpectoral Biceps Tenodesis. Shoulder Techniques Video Session. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 20, 2017.

Freehill MT. Wilk KE, Bakich EM, Ontiveros SR, Bedi A. "The Baseball Thrower: What Can Non-Orthopaedic Surgeons Teach Us?" Instructional Course Lecture. American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario, Canada. July 20, 2017.

Freehill MT. Optimizing the Double Row Construct: Medial Row Management and Suture Tape Options. Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 13, 2017.

Freehill MT, Oh LS, Hoy GA, Marinelli A, Wegmann K. Tendon and Ligament Injuries in the Elbow. Symposium. 11th Biennial ISAKOS Congress. Shanghai, China. June 6, 2017.

Moderator. Surgical Demonstration: Ettore Taverna. Arthroscopic Bone Block for the Treatment of Glenoid Bone Loss. 11th Biennial ISAKOS Congress. Shanghai, China. June 4, 2017.

Moderator. Elbow Paper Session. 11th Biennial ISAKOS Congress. Shanghai, China. June 4, 2017.

Freehill MT, Hoy GA, Oh LS, Pederzini LA. Sports Injuries of the Elbow. Symposium. 11th Biennial ISAKOS Congress. Shanghai, China. June 4, 2017.

Freehill MT. Moderator. Ryu RKN, Provencher MT, Noonan TJ. "The Holy Grail: Can We Successfully Treat the Overhead Athlete? Expert Advice and Experience" Instructional Course Lecture. Annual Meeting. Arthroscopic Association of North America. Denver, Colorado, May 18, 2017.

Freehill MT, Lo IK, O'Brien MJ. Shoulder Instrumentation Options in 2017: What We Know, What We Don't, and Where We Are Going. Smith & Nephew Lunchtime Course Workshop. Annual Meeting. Arthroscopic Association of North America. Denver, Colorado, May 18, 2017.

Critical Evaluator. Biceps: From the Glenoid to the Radial Tuberosity. American Academy of Orthopaedic Surgeons 81st Annual Meeting. San Diego, California. March 15, 2017.

Moderator. Shoulder and Elbow 1; Arthroplasty. American Academy of Orthopaedic Surgeons 81st Annual Meeting. San Diego, California. March 14, 2017.

Live Surgical Demonstration. Latarjet procedure. Smith and Nephew Fellows Advanced Shoulder Course. Austin, Texas. March 4, 2017.

Smith and Nephew Advanced Techniques in Shoulder Surgery. Austin, Texas. March 3-4, 2017.

Panel Discussion with Case Presentations: Biceps and Labral Pathology- Stump the Stars! Orthopaedic Summit 2016: Evolving Techniques. Las Vegas, Nevada. December 8-10, 2016.

Live Surgical Demonstration Workshop. Assistant to Jon JP Warner for Tendon Transfer for Chronic Supraspinatus Tear. New Orleans International Advanced Shoulder Symposium. New Orleans, Louisiana. October 21, 2016.

Webcast: Complex Shoulder Cases...How I Do Them. Smith & Nephew. New Orleans, Louisiana. October 20, 2016.

Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. Sept. 11-13, 2016.

Instructional Course Lecture. "The Baseball Thrower: What Can Non-Orthopaedic Surgeons Teach Us?" American Orthopaedic Society for Sports Medicine. Annual Meeting. Colorado Springs, Colorado. July 10, 2016.

Charleston Regional Shoulder Arthroscopy Course. Smith and Nephew. Charleston, SC. June 3-4, 2016.

Japan-USA Baseball Seminar. Tokyo, Japan. May 16, 2016.

Smith and Nephew. Fellows Advanced Shoulder Course. Austin, TX. April 22-23, 2016.

Latarjet Live Surgical Demonstration Smith and Nephew. Fellows Advanced Shoulder Course. Austin, TX. April 23, 2016.

8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 21-24, 2015.

North Carolina Orthopaedic Association. Moderator. Sports Medicine Breakout Session. Annual Meeting. Kiawah Island, SC. Oct 10, 2015.

Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. Sept. 13-15, 2015.

10th Biennial ISAKOS Congress. Congress Faculty. Lyon, France. June 8, 2015.

International Forum Orthopaedic Society Sports Medicine (IFOSMA). Shen zhen, China. April 28, 2015.

Malaysian Arthroscopy Society-American Orthopaedic Society Sports Medicine. Arthroscopy Symposium. Kuala Lumpur, Malaysia. April 25, 2015.

Charleston Regional Shoulder Arthroscopy Course. Smith and Nephew. Charleston, SC. April 10-11, 2015.

North Carolina Orthopaedic Association. Moderator. Sports Symposium. Annual Meeting. Asheville, NC. Nov 2, 2014.

AAOS Fundamentals of Knee and Shoulder Arthroscopy for Orthopaedic Residents. Orthopaedic Learning Center. Course Faculty. Course 3052. Rosemont, Illinois. September 12-14, 2014.

Fall Sports Medicine Fellowship Meeting. Smith & Nephew. Course Faculty. Andover, MA. September 7-9, 2014.

Regional Shoulder and Hip Course. Smith & Nephew. Richmond, Virginia. June 28, 2014.

AAOS Fundamentals of Knee and Shoulder Arthroscopy for Orthopaedic Residents. Orthopaedic Learning Center. Course Faculty. Course 3349. Rosemont, Illinois. October 4-6, 2013.

Regional Shoulder and Hip Course. Smith & Nephew. Charlotte, North Carolina. September 14, 2013.

AOSSM. Upper Extremity Live Surgical Demonstration Workshop. Assistant to Laurence D. Higgins for the Latarjet Procedure. Chicago, Illinois. July 11, 2013.

LITERATURE REVIEWER

UM Fracture Text- Shoulder Editor

Journal of Shoulder and Elbow Surgery (JSES). Assistant Editor. 2016- present.

Sports Health. Reviewer. 2016- present.

Journal of International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine (ISAKOS). Editorial Board. 2015-2021.

American Journal of Sports Medicine (AJSM). Principal Reviewer. 2014-present.

Clinical Orthopaedic and Related Research (CORR). Reviewer. 2013-2016.

Clinical Orthopaedic and Related Research (CORR). Invited reviewer. Symposium: Shoulder Instability. 2013

MULTIMEDIA

Calcei JG, **Freehill MT**. Visualize, Recognize, Repair: Subscapularis Tears. American Orthopaedic Society for Sports Medicine Playbook. Surgical Video Library. 2020.

Freehill MT. The Long Toss. California Club Baseball. Webinar. May 12, 2020.

Freehill MT. In Depth View About Rushing the Process in a Player's Development and Recruiting. California Club Baseball. Webinar. April 23, 2020.

Freehill MT. Subpectoral Biceps Tenodesis Using the Q-Fix All-Suture Anchor. Smith & Nephew Shoulder Technique Guide. 2018.

Freehill MT. Botros D. Adhesive Capsulitis Home Exercise/Stretching Program. Illustrated Handout. 2018

Freehill MT. Biceps Tenodesis Using the Q-Fix All-Suture Anchor. Webcast: Complex Shoulder Cases...How I Do Them. New Orleans, Louisiana. October 20, 2016.

Freehill MT. "The Shoulder and Various Injuries". Facebook Live. Wake Forest Baptist Health. Winston-Salem, North Carolina. August 11, 2016.

Thrower's Clinic. Improve your throwing performance. Wake Forest Baptist Health. Winston-Salem, North Carolina. November 12, 2013.

“Sports medicine specialists make pitch to prevent overuse injuries in young athletes”. Greensboro News & Record. Page B6. September 23, 2013.

Freehill MT. Rosenbaum D, Martin DF. “Sports medicine specialists make pitch to prevent overuse injuries in young athletes”. Science News. September 24, 2013.

Freehill MT. “Life on the mound. Why young baseball pitchers shouldn’t overdo it”. Triad Living Magazine. Summer. 2013.

Shi LL, Ek ET, **Freehill MT**, Tompson JD, Higgins LD, Warner JJ. “Suprascapular neuropathy and ossified transverse scapular ligament- Arthroscopic release techniques”. VuMedi 2012.

Yannopoulos PF, **Freehill MT**, Jerabek SA, Warner JJ. "Arthroscopic Transosseous Rotator Cuff Repair with Cortical Augmentation- Part II". VuMedi 2012.

GRANTS

RAC. 3/1/20-3/1/21 12 calendar months

University of Michigan

Total funding \$2,250

Whipstitch vs Krackow.

The primary purpose was to determine if there is a difference in elongation and ultimate load to failure, as measured on a digital image correlation system using three different suture techniques, including the traditional Krackow, uniplanar whipstitch, and alternating perpendicular whipstitch.

Role: Co-Investigator.

The National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) 8/1/2019-7/31/2022

Michael T. Freehill (PI) Total funding \$240,240

SVF Cells for Nonoperative Treatment of Small Rotator Cuff Tears. (1 R21 AR074794-01)

The primary purpose of this study is to perform a randomized, double-blind trial with 2 year follow-up to assess the efficacy of adipose-derived stromal vascular fraction (SVF) cells in the non-operative management of small rotator cuff tears.

Role: Principal Investigator.

Radiological Society of North America. 7/1/2019-6/30/2021

Jon Jacobson (PI). Total funding \$93,200

Establishing a Shoulder Ultrasound Program in Rural Uganda to Diagnose and Guide Treatment for Shoulder Disease.

The primary purpose of this educational research grant will be used initiate a shoulder ultrasound program in rural Uganda to diagnose and guide treatment for shoulder disease. This will be accomplished with on-site education and remote peer-review feedback. Effectiveness of the training program and impact on patient care will be assessed. As local expertise is established, the peer-review process and education will be shifted locally to further propagate effective patient care.

Role: Participating Investigator

Major League Baseball. 1/15/19-1/14/2020

Michael T. Freehill (PI) Total funding \$31,826

Re-defining Youth Pitch Count with Throw Count and Intensity Determination: A Pilot Study.

The primary purpose of this study is to develop methodology to capture in-game total throw count and estimate the intensity of each throw accrued by adolescent (competitive) pitchers over 12 months. The secondary purpose of this study is to explore the extent to which total throw count or number of high-intensity throws influences structural changes about the elbow joint (measured via clinical tests and imaging).

Role: Principal Investigator.

Sponsored Clinical Trial. Ortho-Fix. 7/5/18-7/4/21

University of Michigan. Department of Orthopaedic Surgery

Prospective, Randomized, Double-Blind, Placebo Controlled Study to Evaluate the Safety and Efficacy of Pulsed Electromagnetic Field (PEMF) Therapy as an Adjunctive Treatment to Surgical Repair of Full Thickness Rotator Cuff Tears.

Purpose of this Clinical Investigation Plan (CIP) evaluates the safety and efficacy of Pulsed Electromagnetic Field (PEMF) therapy as an adjunctive treatment to surgical repair of full thickness rotator cuff tears.

Role: Site Principal Investigator.

RAC. 8/1/18-8/1/19 12 calendar months

University of Michigan

Total funding \$25,000

Ulnar Collateral Ligament Laxity and Flexor Wad Fatigue in 10 year old Baseball Pitchers.

Our purpose was to characterize changes in ulnar collateral ligament laxity and determine flexor wad fatigue with muscle sound technology in 10 year olds over a 75 pitch simulated bullpen pitching session. Secondary measures of strength, velocity, and control would also be measured.

Role: Principal Investigator.

Exercise & Sports Science Initiative. 6/1/18-5/31/20 24 calendar months

University of Michigan

Cristine Agresta (PI) Total funding \$99,751.28

Sensor Technology and Complex Analytics to Assess, Monitor, and Predict Injury in Elite Baseball Pitchers.

Our purpose was to characterize changes in mechanics and performance over the course of repetitive cycles of pitching and to evaluate a novel statistical model which could predict the likelihood of injury compared to traditional methods.

Role: Co-Principal Investigator.

Smith & Nephew, Inc. 8/1/2015-7/31/2016 12 calendar months

Michael T. Freehill (PI) Total funding \$49,926.

Medial row management: Assessment of contact area and contact pressure in rotator cuff repair.

Our purpose was to conduct a study on a rotator cuff model to evaluate the contact area and pressure following repair with a medial row knot-tying construct versus a no-tying (knotless) construct.

Role: Principal Investigator.

RTI, Inc. 8/1/2015-7/31/2016 12 calendar months

Michael T. Freehill (PI) Total funding \$35,000.

Medial row management: Assessment of contact area and contact pressure in rotator cuff repair.

Our purpose was to conduct a study on a rotator cuff model to evaluate the contact area and pressure following repair with a medial row knot-tying construct versus a no-tying (knotless) construct.

Role: Principal Investigator.

SPARK Award. 1/1/2013-1/1/2016 36 calendar months.

Christopher J. Tuohy (PI) Total funding \$25,885.

Tissue tensioning and related methods: An innovative device for rotator cuff and similar repair surgery.

Our purpose was to conduct an investigation into the amount of tension placed across the tendon, in different tear sizes, with an innovative tensioning instrument.

Role: Co-Principal Investigator.

PATENTS

1. Provisional patent application number: 62/852,72. An Instrumented Baseball for Measuring Grip Force.

COMMITTEES/BOARDS

| | |
|--------------|---|
| 2020-2024 | Program Committee. Abstract Reviewer. American Orthopaedic Society for Sports Medicine. (AOSSM) |
| 2020-present | Shoulder Elbow Core Conference Faculty Lead. Stanford University Orthopaedic Residency Program. |
| 2020-present | Bylaws Committee. American Orthopaedic Society for Sports Medicine. (AOSSM) |
| 2020-present | Foundation Ad Hoc Committee. American Shoulder Elbow Surgeons. (ASES) |
| 2019-present | Neutral Physician. National Football League. |
| 2018-present | Surgical Skills Evaluation Subcommittee. American Orthopaedic Society for Sports Medicine. (AOSSM) |
| 2018-2023 | Secretary. Little Orthopaedic Club. |
| 2018-2022 | Medical Publishing Board of Trustees. American Orthopaedic Society for Sports Medicine. (AOSSM) |
| 2018-2020 | Orthopaedic Surgery Patient Care Committee. University of Michigan. |
| 2018-2020 | Education Committee. American Shoulder Elbow Surgeons. (ASES) |
| 2018-2020 | Education Committee. Arthroscopy Association of North America. (AANA) |
| 2018-2019 | Team leader. Shoulder abstract section for Arthroscopy Association of North America (AANA) 2019 Annual Meeting |
| 2017-2019 | Program Committee. International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine. (ISAKOS) |
| 2017-2018 | Preceptor. Athletic Training Residency for Physician Extenders. University of Michigan. |
| 2017-2021 | Shoulder Committee. International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine. (ISAKOS) |
| 2016-present | Shoulder and Elbow Program Committee. American Academy of Orthopaedic Surgeons. |
| 2017-2019 | Deputy Chair. Elbow, Wrist & Hand Committee. International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine. (ISAKOS) |
| 2016-2020 | Traveling Fellowship Committee. American Orthopaedic Society for Sports Medicine. (AOSSM) |
| 2016-2017 | Director of Sports Medicine. Wake Forest University Athletics |
| 2015-2017 | Elbow, Wrist & Hand Committee. International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine. (ISAKOS) |
| 2015-2017 | Communications Committee. Arthroscopy Association of North America. (AANA) |
| 2016 | Application Reviewer. Medical Student Research Program. Wake Forest University School of Medicine. |

- 2016 Sports Arthroscopy Resident/Fellow Lab Coordinator. Wake Forest University. Department of Orthopaedic Surgery.
- 2016 Faculty Advisor Residency Class of 2018. Wake Forest University. Department of Orthopaedic Surgery.
- 2016 Sub-Committee. Institutional Conflict of Interest with Industry in Clinical Care and Education Committee. Wake Forest Baptist Medical Center.
- 2015-2016 Institutional Conflict of Interest with Industry in Clinical Care and Education Committee. Co-Chair. Wake Forest Baptist Medical Center.
- 2015 Residency Selection/Review Committee. Wake Forest University. Department of Orthopaedic Surgery.
- 2015-2016 Co-Vice President of Safety. Winston-Salem Nationals Little League. Executive Board of Directors. Winston-Salem, NC.
- 2015 Co-chair, host. Little Orthopaedic Club. Annual Meeting. Winston-Salem, NC. September 16-19, 2015.
- 2014-present The Codman Shoulder Society. Harvard Shoulder Service. Annual Program Committee Member.
- 2014-2016 Leadership Team. North Carolina Orthopaedic Association. Executive Committee.
- 2014-2016 Morbidity and Mortality Conference Committee. Wake Forest University. Department Orthopaedic Surgery.
- 2014-2016 Muscuolskeletal Radiology and Sports Medicine Conference. Department Orthopaedic Surgery and Department of Radiology. Coordinating Chair. Wake Forest Baptist Medical Center.
- 2014-2016 Institutional Conflict of Interest with Industry in Clinical Care and Education Committee. Wake Forest Baptist Medical Center.
- 2014 Joint Clinical Utilization and Supply Chain Committee. Wake Forest Baptist Medical Center.
- 2013-2016 Sports Medicine Rotation Liason for Clinical and Operating Room experience. Wake Forest University. Department of Orthopaedic Surgery.
- 2013-2016 Marketing Committee. Wake Forest Department of Orthopaedic Surgery.
- 2013-2015 Interview Committee for the Physician Scientist Program Position. Wake Forest Department of Orthopaedic Surgery.
- 2013 Patient Safety and Value Committee. American Academy of Orthopaedic Surgeons (AAOS). Higgins LD, Azar FM, **Freehill MT**, Shi LL, Lin A, Alqueza, AB, Hampton DM, Levine WN.

MENTORED INSTITUTION PRESENTATIONS

Lee S. Acromioclavicular Separations. Resident Grand Rounds. University of Michigan. Department of Orthopaedic Surgery. Ann Arbor, Michigan. June 7, 2018

Delisca G. Atraumatic Humeral Head Osteonecrosis. Resident Grand Rounds. University of Michigan. Department of Orthopaedic Surgery. Ann Arbor, Michigan. April 12, 2018

Schubert M. Considerations in Reverse Total Shoulder Arthroplasty. Resident Grand Rounds. University of Michigan. Department of Orthopaedic Surgery. Ann Arbor, Michigan. March 15, 2018

Bakshi NK. Templating in Shoulder Arthroplasty. Resident Grand Rounds. University of Michigan. Department of Orthopaedic Surgery. Ann Arbor, Michigan. February 15, 2018

UNDERGRADUATE STUDENT MENTORING

Anita Patel, undergraduate (summer research) 2015-2016.

Katherine McCollum (research) 2018-2019.

Joey Greenstein (research) 2019.

MEDICAL STUDENT MENTORING

Aman Sharma B.S. (MSRP- medical student summer research project). University of Virginia. 2019

Paul M. Inclan. Wake Forest SOM. Match- Orthopaedic Surgery. Washington University. 2018

Brittany E. Haws. Wake Forest SOM. Match- Orthopaedic Surgery. University of Rochester. 2018

Jordan P. Pearce. Wake Forest SOM. Match- Orthopaedic Surgery. Grand Rapids Program. 2018

Andrew O. Usoro. Wake Forest SOM. Match- Orthopaedic Surgery. Harvard Combined Program. 2016

RESIDENCY MENTORING

David Luo M.D. Wake Forest Orthopaedic. Match-

Neil K. Bakshi M.D. University of Michigan Orthopaedic. Match- Foot & Ankle. University of Utah. 2019

Jacob M. Kirsch M.D. University of Michigan Orthopaedic. Match- Shoulder & Elbow.

Rothman/Jefferson. 2018

Manuel Schubert M.D. University of Michigan Orthopaedic. Match- Sports Medicine. Stanford. 2018

Austin V. Stone M.D. Wake Forest Orthopaedic. Match- Sports Medicine. Rush. 2017

Sandeep Mannava M.D. Wake Forest Orthopaedic. Match- Sports Medicine. Vail. 2016

FELLOW MENTORING

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|-----------|---|
| 2016-2017 | Benjamin R. Parker M.D. (orthopaedic sports medicine fellow) |
| 2016-2017 | Christopher W.V. Schumacher M.D. (orthopaedic sports medicine fellow) |
| 2015-2016 | Gregory L. Naugher M.D. (orthopaedic sports medicine fellow) |
| 2015-2016 | Sivashanmugam Raju M.D. (orthopaedic sports medicine fellow) |
| 2014-2015 | Jason R. Spangler D.O. M.D. (orthopaedic sports medicine fellow) |
| 2014-2015 | Aasta R. Pedersen M.D. (orthopaedic sports medicine fellow) |
| 2013-2014 | Chad Smith M.D. (orthopaedic sports medicine fellow) |
| 2013-2014 | Marilyn E. Copeland M.D. (orthopaedic sports medicine fellow) |
| 2012-2013 | Kevin E. Coates M.D. (orthopaedic sports medicine fellow) |
| 2012-2013 | Shalini Ramasunder M.D. (orthopaedic sports medicine fellow) |

LAB RESEARCH EXPERIENCE

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|--------------|--|
| 2020-current | Scientific director. The Pitching and Performance Lab. Biomechanics high-performance laboratory. (in developmental process) Stanford University. |
| 2014-2016 | Scientific director. The Pitching Lab. Biomechanics high-performance laboratory. (in developmental process) Wake Forest University. |
| 2011 | Coracoclavicular and Acromioclavicular Ligament Reconstruction with a Continuous Intramedullary Tissue Graft. Orthopaedic Biomechanics Laboratory, VA Long Beach Healthcare System and University of California Irvine, Long Beach, California |
| 2010-2011 | Acetabular labrum kinematics. Stanford University Department of Orthopaedic Surgery. Palo Alto VA. Palo Alto, California. |
| 2008 | Significant neuroanatomic changes resulting from the Latarjet procedure. Johns Hopkins Bayview Medical Center Orthopaedic Laboratory. Anatomic Study. Primary Investigator: Steven A. Petersen, MD. Baltimore, Maryland. |
| 2000-2001 | Enzyme storage diseases. Emphasis on orphan diseases. Novel intercellular delivery system for replacement of storage enzymes. Primary investigator: William Canfield, MD, PhD. Novazyme. Oklahoma City, Oklahoma. |

PROFESSIONAL COURSES AND CONFERENCES

Vanderbilt Sports Medicine Baseball Course. Nashville, Tennessee. February 7, 2020.
 Orthopaedic Summit 2019: Evolving Techniques. Las Vegas, Nevada. December 11-14, 2019.
 MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. San Diego, California. Dec 6-8, 2019.
 2nd Asia-Pacific Shoulder & Elbow Symposium. Japan-US Baseball Sports Medicine Meeting. Toyko, Japan. Nov 30-Dec 1, 2019.
 Little Orthopaedic Club. 63rd Annual Meeting. Birmingham, Alabama. November 6-9, 2019.
 American Shoulder Elbow Surgeons. Closed Meeting. New York, NY. October 17-19, 2019.
 4th Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. October 3-4, 2019.
 6th European Society for Surgery of the Shoulder and Elbow (ESSSE) Closed Meeting. Copenhagen, Denmark. August 29- September 1, 2019.
 Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 27, 2019.
 Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 18-19, 2019.
 American Orthopaedic Society for Sports Medicine. Annual Meeting. Boston, MA. July 11-14, 2019.
 American Orthopaedic Association. San Diego, California. June 25-29.
 Codman Shoulder Society. San Diego, California. June 22, 2019.
 San Diego Shoulder Institute. San Diego, California. June 19-22, 2019.
 International Society Arthroscopy, Knee and Orthopaedic Sports Medicine (ISAKOS). Cancun, Mexico. May 11-16, 2019.
 Arthroscopy Association of North America. Annual Meeting. Orlando, Florida. May 2-4, 2019.
 American Shoulder & Elbow Surgeons. Specialty Day. Las Vegas, NV. March 16, 2019.
 American Orthopaedic Society for Sports Medicine. Specialty Day. Las Vegas, NV. March 16, 2019.
 American Academy of Orthopaedic Surgeons. Annual Conference. Las Vegas, NV. March 12-16, 2019.
 MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Las Vegas, Nevada. Dec 8-9, 2018.
 Orthopaedic Summit 2018: Evolving Techniques. Las Vegas, Nevada. December 5-8, 2018.
 American Shoulder Elbow Surgeons. Closed Meeting. Chicago, IL. October 11-14, 2018.

Little Orthopaedic Club. 62nd Annual Meeting. Columbia, Missouri. October 3-6, 2018.
3rd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. Sept. 27-28, 2018.
Wider Scope of Arthroscopy. Smith & Nephew Sports Medicine Fellowship Program. Rosemont, IL. MA. August 21, 2018.
Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 18-19, 2018.
American Orthopaedic Society for Sports Medicine. Annual Meeting. San Diego, CA. July 5-8, 2018.
Codman Shoulder Society. San Diego, California. June 23, 2018.
San Diego Shoulder Institute. San Diego, California. June 20-23, 2018.
International Society Arthroscopy, Knee and Orthopaedic Sports Medicine (ISAKOS). Shoulder Committee Consensus Meeting. Munich, Germany. May 5-7, 2018.
Arthroscopy Association of North America. Annual Meeting. Chicago, Illinois. April 26-28, 2018.
American Shoulder & Elbow Surgeons. Specialty Day. New Orleans, LA. March 10, 2018.
American Orthopaedic Society for Sports Medicine. Specialty Day. New Orleans, LA. March 10, 2018.
American Academy of Orthopaedic Surgeons. Annual Conference. New Orleans, LA. March 6-10, 2018.
Paris Shoulder Symposium. Instability Update and Controversies. Paris, France. Feb 1-3, 2018.
MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Orlando, FL. Dec 9-10, 2017.
Orthopaedic Summit 2017: Evolving Techniques. Las Vegas, Nevada. December 6-9, 2017.
Exercise & Sport Science Initiative. University of Michigan. Ann Arbor, MI. November 2, 2017.
2nd Annual New Orleans International Shoulder Symposium. New Orleans, Louisiana. Oct 26-27, 2017.
"The Cutting Edge 2017: Arthroscopic and Open Shoulder Techniques in the Athlete's Shoulder."
AOSSM. Rosemont, Illinois. October 13-14, 2017.
American Shoulder Elbow Surgeons. Closed Meeting. New Orleans, LA. October 11-14, 2017.
1st Asia-Pacific Shoulder & Elbow Symposium. Toyko, Japan. October 6-8, 2017.
Little Orthopaedic Club. 61st Annual Meeting. Edinburgh, Scotland. September 20-23, 2017.
Badgley Day. Dept of Orthopaedic Surgery. University of Michigan. Ann Arbor, Michigan. Sept 15, 2017
Smith and Nephew Sports Medicine Fellows Course. Andover, MA. August 27-29, 2017.
American Orthopaedic Society for Sports Medicine. Annual Meeting. Toronto, Ontario. July 20-23, 2017.
Detroit Regional Sports Medicine Symposium. Plymouth, Michigan. July 13-14, 2017.
Codman Shoulder Society. San Diego, California. June 17, 2017.
San Diego Shoulder Institute. San Diego, California. June 14-17, 2017.
Mini-Magellan Society Meeting. Shanghai, China. June 6, 2017.
International Society Arthroscopy, Knee and Orthopaedic Sports Medicine (ISAKOS). Shanghai, China. June 4-8, 2017.
Arthroscopy Association of North America. Annual Meeting. Denver, Colorado. May 18-20, 2017.
American Shoulder & Elbow Surgeons. Specialty Day. San Diego, California. March 18, 2017.
American Academy of Orthopaedic Surgeons. Annual Conference. San Diego, CA. March 14-18, 2017.
Smith and Nephew Advanced Techniques in Shoulder Surgery. Austin, Texas. March 3-4, 2017.
Orthopaedic Summit 2016: Evolving Techniques. Las Vegas, Nevada. December 8-10, 2016.
MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. National Harbor, MD. December 3, 2016.
New Orleans International Advanced Shoulder Course. New Orleans, Louisiana. October 20-21, 2016.
Smith and Nephew Sports Medicine Fellows Course. Andover, MA. September 11-13, 2016.
Little Orthopaedic Club. 60th Annual Meeting. Kingston, Ontario. Canada. September 7-10, 2016.
American Orthopaedic Society for Sports Medicine. Annual Meeting. Colorado Springs, CO. July 7-10, 2016.
Magellan Society Meeting. Taos, New Mexico. July 6, 2016.
Codman Shoulder Society. San Diego, California. June 25, 2016.
San Diego Shoulder Institute. San Diego, California. June 22-25, 2016.
Charleston Regional Shoulder Arthroscopy Course. Smith and Nephew. Charleston, SC. June 3-4, 2016.
International Congress Shoulder and Elbow Surgeons. Jeju Island, Korea. April 18-20, 2016.
Japan-USA Baseball Seminar. Tokyo, Japan. May 16, 2016.
Smith and Nephew Fellows Advanced Shoulder Course. Austin, TX. April 22-23, 2016.
Arthroscopy Association of North America. Annual Meeting. Boston, MA. April 14-16, 2016.
ASES Specialty Day. Orlando, Florida. April 5, 2016.
American Academy of Orthopaedic Surgeons. Annual Conference. Orlando, FL. April 1-6, 2016.

MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Nashville, TN. December 5, 2015.

8th International Congress of Arthroscopy and Sports Traumatology. Cartagena, Colombia. October 21-24, 2015.

North Carolina Orthopaedic Association. Annual Meeting. Kiawah Island, SC. Oct 9-11, 2015.

Little Orthopaedic Club. 59th Annual Meeting. Winston-Salem, NC. September 16-19, 2015.

Smith and Nephew Sports Medicine Fellows Course. Andover, MA. September 13-15, 2015.

American Orthopaedic Society for Sports Medicine. Annual Meeting. Orlando, FL. July 9-12, 2015.

6th Annecy Live Surgery. International Shoulder Advanced Course. Annecy, France. June 11-13, 2015.

Mini-Magellan Society Meeting. Lyon, France. June 9, 2015.

International Society Arthroscopy, Knee and Orthopaedic Sports Medicine (ISAKOS). Lyon, France. June 7-11, 2015.

Feagin Leadership Conference. Durham, NC. May 16-17, 2015.

Asia-Pacific Knee, Arthroscopy and Sports Medicine Society. Taipei, Taiwan. May 8-9, 2015.

International Forum Orthopaedic Society Sports Medicine (IFOSMA). Shenzhen, China. April 27-29, 2015.

Charleston Regional Shoulder Arthroscopy Course. Smith and Nephew. Charleston, SC. April 10-11, 2015.

American Academy of Orthopaedic Surgeons. Annual Conference. Las Vegas, NV. March 25-29, 2015.

ASES Specialty Day. Las Vegas, NV. March 28, 2015.

MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. San Diego, CA. 2014.

North Carolina Orthopaedic Association. Annual Meeting. Asheville, NC. Oct 31-Nov 2, 2014.

Eastern Orthopaedic Association- Annual Meeting. Amelia Island, Florida. October 23-25, 2014.

Smith and Nephew Sports Medicine Fellows Course. Andover, MA. September 7-9, 2014.

Little Orthopaedic Club. 58th Annual Meeting. Salt Lake City, UT. September 3-6, 2014.

American Orthopaedic Society for Sports Medicine. Annual Meeting. Seattle, WA. July 9-13, 2014.

American Academy of Orthopaedic Surgeons. Annual Conference. New Orleans, LA. March 12-16, 2014.

ASES Specialty Day. New Orleans, LA. March 15, 2014.

MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Orlando, FL. 2013.

North Carolina Orthopaedic Association. Annual Meeting. Greenbrier, WV. Nov 1-2, 2013.

American Orthopaedic Society for Sports Medicine. Annual Meeting. Chicago, IL. July 10-14, 2013.

Arthroscopy Association of North America. Annual Meeting. San Antonio, TX. April 24-28, 2013.

International Congress Shoulder and Elbow Surgeons. Nagoya, Japan. April 10-13, 2013.

American Academy of Orthopaedic Surgeons. Annual Conference. Chicago, IL. March 20-24, 2013.

ASES Specialty Day. Chicago, IL. March 23, 2013.

PBATS. Baseball Medicine Conference. Baltimore, MD. 2013

MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Nashville, TN. 2012.

American Orthopaedic Society for Sports Medicine. Annual Meeting. Baltimore, MD. 2012

Mitek Advanced Arthroscopy Course. Raynham, MA. 2012

ALP Surgery Institute. Latarjet Course. Annecy, France. 2012

Mitek Sports Medicine Fellows Course. Miami, FL. 2012

New England Orthopaedic Society. Fall Meeting. Boston, MA. 2011

AANA- Annual Meeting. San Francisco, CA. 2011

11th International Sports Medicine Fellows Conference. Carlsbad, CA. 2011

MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Orlando, FL. 2010

Smith and Nephew Sports Medicine Fellows Course. Andover, MA. 2010

Stoller Musculoskeletal Radiology Meeting. San Francisco, CA. 2010

AAOS- Annual Meeting. New Orleans, Louisiana. 2010

ASES Specialty Day. New Orleans, Louisiana. March 13, 2010

EOA- Annual Meeting. Paradise Island, Bahamas. 2009

MOA- Annual Meeting. Baltimore, MD. 2009

MLB TPA and PBATS Meeting. Annual Major League Baseball Winter Meetings. Las Vegas, NV 2008

AOSSM- Annual Meeting. Orlando, FL. 2008

MOA- Annual Meeting. Baltimore, MD. 2008

AAOS/ASES 6th Biennial Shoulder and Elbow: Current Techniques and Controversies. Orlando, FL 2008

MOA- Annual Meeting. Baltimore, MD. 2007

ASES- Total Shoulder and Elbow Arthroplasty. Open course. Dallas, TX. 2007

MOA- Annual Meeting. Baltimore, MD. 2006

AO- Principles of Fracture Management. Pittsburgh, PA. 2006

CONSULTING

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| Smith & Nephew | 2014-present |
| Integra | 2018-present |
| Sparta Biopharma | 2019-present (Advisor) |

EXTRACURRICULAR ACTIVITIES

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|-----------|---|
| 2016 | Pitching Coach. AAA. Winston-Salem Little League. Bulls |
| 2015-2016 | D1 Youth basketball. Head Coach. Deacons. Grades 2-4. Winston-Salem, NC |
| 2014-2016 | Sillie Lillie's. Adventure Princesses. Winston-Salem, NC |
| 2012-2017 | Parishioners St Leo's Catholic Church, Winston-Salem, NC |
| 2011-2012 | Parishioners St Joseph's Catholic Church, Boston, MA |
| 2005-2010 | Parishioners St Joseph's Catholic Church, Perry Hall, MD |
| 2004-2005 | Krewe of Atlas (mardi gras parade krewe and riding member) |
| | 2001-2005 Parishioners Immaculate Conception Catholic Church, New Orleans, LA |
| 2001-2005 | Owl Club (The Owl Club is a ten member organization voted on yearly by the med school class who acts as liaison between faculty and student body. Active in curriculum issues.) |
| 2002-2005 | Curriculum Advisory Committee |
| 2001-2005 | C. Ray Thorpe Internal Medicine Society |
| 2001-2005 | Rudolf Matas Surgical Society |
| 2001-2005 | History of Medicine Society |
| 2004 | Planner, Med student retreat planning committee |
| 2002-2004 | Volunteer, Bridge House (Clinic and halfway house for substance abusers) |
| 2001-2002 | Volunteer, Ozanam Inn (Clinic and halfway house for the homeless) |

GAPS IN EDUCATION

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|-----------------------|---|
| March- July 2001 | Player/Manager Skovde Saints Baseball Club, Skovde, Sweden Elite Division Professional Baseball of Sweden |
| March- July 2001 | Coaching consultant Swedish National and Junior National Baseball Teams |
| September- March 2001 | Research laboratory assistant; Primary investigator: William Canfield MD, PhD. Novazyme (now a division of Genzyme) Oklahoma City, Oklahoma |
| June 1999- Sept.2001 | Professional Baseball Player. Texas Rangers Organization |
| May- September 2000 | Oklahoma Redhawks. AAA Pacific Coast League |
| April- May 2000 | Tulsa Drillers. AA Texas League |
| May- September 1999 | Port Charlotte Rangers. A Florida State League |

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|-----------------------------|--|
| February 1998- May1999 | Injured, shoulder surgery, did not play. Rehabilitation. |
| January 1997- January 1999 | Major League 40 man roster Anaheim Angels |
| October- December 1997 | Scottsdale Scorpions. Arizona Fall League |
| March- September 1997 | Midland Angels. AA Texas League Lake Elsinore Storm. A California League |
| October 1996- January 1997 | Mexicali Aguilas. Mexico Professional Winter Baseball League |
| March- September 1996 | Vancouver Canadians. AAA Pacific Coast League Midland Angels. AA Texas League |
| October 1995- January 1996 | West Oahu Canefires. Hawaii Professional Winter Baseball League |
| March- September 1995 | Cedar Rapids Kernels. A Midwest League |
| October 1994- February 1995 | Substitute teacher. Glendale Union High School District, Glendale Elementary School District, Arizona |
| June- September 1994 | Boise Hawks. A Northwest League |
| June 1994- May 1999 | Professional Baseball Player. Anaheim/California Angels Organization |

HOBBIES

Travel with family, books (collecting and reading), music (appreciation and collecting), fantasy football, stocks/funds, yard/garden, wine (collecting and tasting).

REFERENCES

Christopher S. Ahmad M.D.
James R. Andrews M.D.
George Athwal M.D.
Asheesh Bedi M.D.
Charles A. Bush-Joseph M.D.
Andrew J. Cosgarea M.D.
Jason L. Drago M.D.
Gary S. Fanton M.D.
Frank J. Frassica M.D.
Laurence D. Higgins M.D.
L. Andrew Koman M.D.
Timothy R. McAdams M.D.
Edward G. McFarland M.D.
Steven A. Petersen M.D.
Gary G. Poehling M.D.
Rick N. Ryu M.D.

Marc R. Safran M.D.
Felix "Buddy" Savoie M.D.
Robert A. Stanton M.D.
Jon J.P. Warner M.D.
John H. Wilckens M.D.
Jeffrey G. Wiese M.D.
Lewis A. Yocum M.D. (d.2014)