

Curriculum Vitae

Geoffrey D. Abrams, MD

Lacob Family Sports Medicine Center
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Academic Appointments

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|-------------------|---|----------------------|
| 10/13-pres | Stanford University School of Medicine
Assistant Professor, Medical Center Line | Stanford, CA |
| 9/13-pres | Veterans Administration Hospital, Palo Alto
Attending Physician | Palo Alto, CA |
| 8/12-7/13 | Rush University Medical Center
Clinical Instructor | Chicago, IL |

Administrative Appointments

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| 1/16-pres | Director, Lacob Family Sports Medicine Center
Stanford University School of Medicine | Stanford, CA |
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Post-Doctoral Training

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| 8/12-7/13 | Rush University Medical Center
Fellow, Orthopedic Sports Medicine | Chicago, IL |
| 7/08-6/12 | Stanford University Hospital and Clinics
Resident, Department of Orthopedic Surgery | Stanford, CA |
| 6/07-6/08 | Stanford University Hospital and Clinics
Surgical Internship, Department of General Surgery | Stanford, CA |

Education

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|------------------|---|----------------------|
| 9/03-6/07 | University of California, San Diego
Doctor of Medicine (M.D.) | San Diego, CA |
| 9/96-6/00 | Stanford University
Bachelor of Arts (B.A.), Human Biology – Neuroscience | Stanford, CA |

Licensure and Certification

- Subspecialty Certificate in Orthopedic Sports Medicine (10/2016-12/2025)
- American Board of Orthopedic Surgery – Board Certified (7/2015-12/2025)
- California Medical License: A105050 (2008-current)
- Illinois Medical License: 036.129829 (2012) (Expired)
- Drug Enforcement Administration (DEA): Provided upon request (2008-current)
- California Fluoroscopy Supervisor and Operator: RHC 00167765 (2010-current)

Peer Reviewed Publications

1. Dubin JA, Greenberg DR, Iglinski-Benjamin KC, **Abrams GD**. Effect of micro-RNA on tenocyte and tendon-related gene expression: a systematic review. In Press, *Journal of Orthopedic Research*.
2. Hall KE, Sarkissian EJ, Sharpe O, Robinson WH, **Abrams GD**. Identification of Differentially Expressed Micro-RNA in Rotator Cuff Tendinopathy. In Press, *Muscles, Ligaments and Tendons Journal*.
3. **Abrams GD**, Feldman D, Safran MR. Vitamin D Effects on Skeletal Muscle and Athletic Performance. *Journal of the American Academy of Orthopedic Surgeons*. 2018;26(8):278-285.
4. **Abrams GD**, Chang W, Dragoo JL. In Vitro Chondrotoxicity of Non-Steroidal Anti-Inflammatory and Opioid Medications. *American Journal of Sports Medicine* 2017 45:3345-3350.
5. Trutzner JN, Shapiro LM, Hoppe DJ, **Abrams GD**, Safran MR. The Diagnostic Accuracy of Three Physical Exam Maneuvers in the Diagnosis of Hip Microinstability. *Orthopedic Journal of Sports Medicine* 2017;5(11).
6. **Abrams GD**, Greenberg DR, Dragoo JL, Safran MR, Kamal RN. Quality Measures in Orthopedic Sports Medicine: A Systematic Review. *Arthroscopy* 2017; 33(10):1896-1910.
7. Truntzer J, Hoppe D, Shapiro L, **Abrams GD**, Safran MR. Hip Arthroscopy in the United States: An Update Following Coding Changes in 2011. *Journal of Hip Preservation Surgery* 2017; 23;4(3):250-257.
8. Truntzer J, Hoppe DJ, Shapiro LM, **Abrams GD**, Safran MR. Complication Rates for Hip Arthroscopy are Underestimated: A Population-Based Study. *Arthroscopy* 2017 33(6):1194-1201.
9. **Abrams GD**, Luria A, Sampson J, Madding RA, Robinson WH, Safran MR, Sokolove J. Decreased Synovial Inflammation in Atraumatic Hip Microinstability as Compared to Femoroacetabular Impingement. *Arthroscopy* 2017;33(3):553-558.

10. Shapiro LM, Safran MR, Maloney WJ, Goodman SB, Huddleston JI, Bellino MJ, Scuderi GJ, **Abrams GD**. Cytokines as a predictor of clinical response following hip arthroscopy: minimum 2-Year follow-up. *Journal of Hip Preservation Surgery* 2016 May 2;3(3):229-35.
11. Erickson BJ, Jain A, **Abrams GD**, Nicholson GP, Cole BJ, Romeo AA, Verma NN. Primary SLAP repair: an evolution of treatment. *Arthroscopy* 2016 Jun;32(6):976-81.
12. **Abrams GD**, Luria A, Carr RA, Rhodes C, Robinson WH, Sokolove J. Association of synovial inflammation and inflammatory mediators with glenohumeral rotator cuff pathology. *Journal of Shoulder and Elbow Surgery* 2016;25(6):989-97.
13. Levy DM, **Abrams GD**, Harris JD, Bach BR, Nicholson GP, Romeo AA. Rotator cuff tears after total shoulder arthroplasty in primary osteoarthritis: a systematic review. *International Journal of Shoulder Surgery* 2016;10(2):78-84.
14. Tuman JM, Bishop JA, **Abrams GD**. Arthroscopic Reduction and Internal Fixation of an Inferior Glenoid Fracture with Scapular Extension. *Arthroscopy Techniques* 2015 Dec 28;4(6):e869-72.
15. Beckmann JT, Safran MR, **Abrams GD**. Extra-Articular Impingement: Ischiofemoral Impingement and Trochanteric Pelvic. *Operative Techniques in Sports Medicine* 2015;23(3):184-9.
16. Wang T, **Abrams GD**, Behn A, Lindsey DP, Giori NJ, Cheung EV. Biomechanical evaluation of standard and posterior augmented glenoids in the setting of posterior glenoid wear. *Clinical Orthopedics and Related Research* 2015;473(12):3928-36.
17. **Abrams GD**, Hart MA, Takami K, Bayne CO, Kelly BT, Espinoza-Orias AA, Nho SJ. Biomechanical Evaluation of Capsulotomy, Capsulectomy, and Capsular Repair on Hip Rotation. *Arthroscopy* 2015;31(8):1511-7.
18. Pirolo JM, Behn AW, **Abrams GD**, Bishop JA. Anterolateral Versus Medial Plating of Distal Extra-Articular Tibia Fractures: A Biomechanical Model. *Orthopedics* 2015 Sep;38(9):e760-5.
19. Erickson BJ, Harris JD, Gupta AK, **Abrams GD**, Bruce B, McCormick FM, Nicholson GP, Romeo AA. Surgical Management of Complex Proximal Humerus Fractures -A Systematic Review of 92 studies including 4,500 Patients. *Journal of Orthopedic Trauma* 2015;29(1): 54-9.
20. McCormick F, Gupta A, Bruce B, Harris J, **Abrams G**, Wilson H, Hussey K, Cole BJ. Single-row, double-row, and transosseous equivalent techniques for isolated supraspinatus tendon tears with minimal atrophy: A retrospective comparative outcome and radiographic analysis at minimum 2-year followup. *International Journal of Shoulder Surgery* 2014;8(1):15-20.

21. Harris JD, Hussey K, Saltzman BM, McCormick FM, Wilson H, **Abrams GD**, Cole BJ. Cartilage repair with or without meniscal transplantation and osteotomy for lateral compartment chondral defects of the knee - Case series with minimum two-year follow-up. *Orthopedic Journal of Sports Medicine* 2014;2(1).
22. **Abrams GD**, Hussey KE, Harris JD, Cole BJ. Clinical results of combined meniscus and femoral osteochondral allograft transplantation: minimum two-year follow-up. *Arthroscopy* 2014;30(8):964-70.
23. Wang T, **Abrams GD**. Current concepts in anterior cruciate ligament reconstruction. *Minerva Ortopedica e Traumatologica* 2014;65(2):87-102.
24. Mall NA, **Abrams GD**, Azar FM, Traina SM, Allen AA, Parker R, Cole BJ. Trends in primary and Revision ACL reconstruction among National Basketball Association team physicians. *American Journal of Orthopedics* 2014;43(6):267-71.
25. Harris JD, Cvetanovich G, Erickson BJ, **Abrams GD**, Chahal J, Gupta AK, McCormick FM, Bach BR. Current status of evidence-based sports medicine. *Arthroscopy* 2014;30(3):362-71.
26. **Abrams GD**, Gupta AK, Hussey KE, Tetteh E, Karas V, Bach BR, Cole BJ, Romeo AA, Verma NN. A Prospective randomized trial of functional outcomes following rotator cuff repair with and without acromioplasty: minimum 2-year follow-up. *American Journal of Sports Medicine* 2014;42(6):1296-1303.
27. **Abrams GD**, Safran MR, Shapiro LM, Maloney WM, Goodman SB, Huddleston JI, Bellino MJ, Scuderi GJ. Fibronectin-aggrecan complex as a marker for cartilage degradation in non-arthritic hips. *Knee Surgery, Sports, Traumatology, Arthroscopy* 2014;22(4):768-73.
28. **Abrams GD**, Harris JD, Gupta AK, McCormick FM, Bush-Joseph CA, Verma NN, Cole BJ, Bach BR. Functional performance testing following anterior cruciate ligament reconstruction: a systematic review. *Orthopedic Journal of Sports Medicine* 2014;2(1).
29. McCormick FM, Harris JD, **Abrams GD**, Frank RM, Gupta AK, Hussey KE, Wilson H, Bach BR, Cole BJ. Trends in the surgical treatment of articular cartilage lesions: An analysis of a large private payer database over 8 years. *Arthroscopy* 2014;30(2):222-6.
30. McCormick FM, Harris JD, **Abrams GD**, Hussey KE, Wilson H, Frank RM, Gupta AK, Bach BR, Cole BJ. Survival and reoperation rates after meniscal allograft transplantation: analysis of failures for 172 consecutive transplants at a minimum 2-year follow-up. *American Journal of Sports Medicine* 2014;42(4):892-7.
31. Harris JD, Erickson BJ, Cvetanovich G, **Abrams GD**, McCormick FM, Gupta AK, Verma NN, Bach BR, Cole BJ. Development of a valid and reliable knee articular cartilage condition-specific study methodological quality score. *Orthopedic Journal of Sports Medicine* 2014;2(2).

32. Erickson BJ, Gupta AK, JD Harris, Bush-Joseph CA, Bach BR, **Abrams GD**, San Juan AM, Cole BJ, Romeo AA. Performance and return-to-sport after Tommy John surgery in major league baseball pitchers. *American Journal of Sports Medicine* 2014;42(3):536-43.
33. McCormick FM, Slikker W, Harris JD, Gupta AK, **Abrams GD**, Frank J, Nho SJ. Evidence of capsular defect following hip arthroscopy. *Knee Surgery, Sports Traumatology, Arthroscopy* 2014;22(4):902-5.
34. Harris JD, **Abrams GD**, Bach BR, Williams D, Heidloff D, Bush-Joseph CA, Verma NN, Forsythe B, Cole BJ. Return to sport following anterior cruciate ligament reconstruction. *Orthopedics* 2014;37(2):103-8.
35. Harris JD, **Abrams GD**, Hellman MD, Yanke AB, Erickson BJ, Bach BR. Suture anchor repair of quadriceps tendon rupture - Surgical technique, case report and review of literature. *Orthopedics* 2014;37(3):183-6.
36. Gupta AK, **Abrams GD**, Nho SJ. What's new in femoroacetabular impingement surgery: Will we be better in 2022? *Sports Health* 2014;6(2):162-70.
37. Gupta AK, Chalmers PN, Rahman ZZ, Bruce B, Harris JD, McCormick F, **Abrams GD**, Nicholson GP. Reverse total shoulder arthroplasty in patients of varying body mass index. *Journal of Shoulder and Elbow Surgery* 2014;23(1):35-42.
38. **Abrams GD**, Frank RM, Gupta AK, Harris JD, McCormick FM, Cole BJ. Trends in meniscus repair and meniscectomy in the United States: 2005-2011. *American Journal of Sports Medicine* 2013;41(10):2333-9.
39. Harris JD, Walton DM, Erickson BJ, Verma NN, **Abrams GD**, Bush-Joseph CA, Bach BR, Cole BJ. Return to sport and performance after microfracture in the knees of National Basketball Association players. *Orthopedic Journal of Sports Medicine* 2013;1(6).
40. Harris JD, Erickson BJ, Bach BR, Bush-Joseph CA, **Abrams GD**, Gupta AK, McCormick FM, Cole BJ. Performance and return-to-sport after anterior cruciate ligament reconstruction in male major league soccer players. *Orthopedic Journal of Sports Medicine* 2013;1(2).
41. Erickson BJ, Harris JD, Bach BR, **Abrams GD**, Cvetanovich GL, Forsythe B, McCormick FM, Gupta AK, Cole BJ. Return-to-sport and performance after anterior cruciate ligament reconstruction in National Basketball Association players. *Sports Health* 2013;5(6):562-8.
42. Frank RM, McCormick FM, Harris JD, Gupta AK, **Abrams GD**, Erickson B, Bach BR. Diagnostic knee arthroscopy: surgical technique. *Orthopedic Knowledge Online Journal*. Published July 1, 2014. Available at: <http://orthoportal.aaos.org/oko>

43. Harris JD, Erickson BJ, **Abrams GD**, Cvetanovich GL, McCormick FM, Gupta AK, Bach BR, Cole BJ. Methodologic quality of knee articular cartilage studies. *Arthroscopy*. 2013;29(7):1243-1252.
44. **Abrams GD**, Alentorn-Geli E, Harris JD, Cole BJ. Treatment of lateral tibial plateau osteochondritis dissecans lesion with subchondral injection of calcium phosphate. *Arthroscopy Techniques* 2013;2(3):e271-4.
45. Gupta AK, McCormick, FM, **Abrams GD**, Harris JD, Romeo AA, Bach BR, Verma NN. Arthroscopic bony Bankart fixation using a modified Sugaya technique: surgical technique and video illustration. *Arthroscopy Techniques* 2013;2(3):e251-5.
46. **Abrams GD**, Frank RM, Fortier LA, Hussey KE, Cole BJ. Platelet rich plasma for articular cartilage restoration. *Sports Medicine and Arthroscopy Review* 2013;21(4):213-9.
47. Cvetanovich GL, McCormick F, MD, Erickson B, Gupta AK, **Abrams GD**, Harris JD, Romeo AA, Bach BR, Provencher MT. The posterolateral portal: optimizing anchor placement and labral repair at the inferior glenoid. *Arthroscopy Techniques*. 2013;2(3):e201-e204.
48. **Abrams GD**, Mall NA, Cole BJ. BioCartilage – Use in the treatment of chondral defects. *Operative Techniques in Sports Medicine* 2013;21(2):116-24.
49. Harris JD, Frank JM, Jordan MA, Bush-Joseph CA, Romeo AA, Gupta AK, **Abrams GD**, McCormick FM, Bach BR. Return to sports following shoulder surgery in the elite pitcher: a systematic review. *Sports Health* 2013;5(4):367-76.
50. Gupta AK, Lee AS, Forsythe B, Harris JD, McCormick FM, **Abrams GD**, Verma N, Cole BJ, Inoue N. Topographic analysis of the glenoid and proximal medial tibia plateau. *American Journal of Sports Medicine* 2013;41(8):1893-9.
51. McCormick FM, Cvetanovich G, Kim J, Harris JD, Gupta AK, **Abrams GD**, Romeo AA, Provencher MT. An assessment of the quality of rotator cuff randomized controlled trials: Utilizing the Jadad score and CONSORT criteria. *Journal of Shoulder and Elbow Surgery* 2013;22(9):1180-5.
52. **Abrams GD**, Safran MR, Sadri H. Spontaneous hip labrum re-growth following initial surgical debridement. *Clinical Orthopedics and Related Research*. 2013;471(8):2504-8.
53. Harris JD, McCormick FM, **Abrams GD**, Gupta AK, Ellis TJ, Bush-Joseph C, Nho SJ. Complications and re-operations after hip arthroscopy: a systematic review of 92 Studies and Over 6,000 Patients. *Arthroscopy*. 2013;29:589-95.
54. Harris JD, Gupta AK, Mall NA, **Abrams GD**, McCormick FM, Bach BR, Romeo AA. Long term outcomes after Bankart shoulder stabilization surgery: a systematic review. *Arthroscopy*. 2013;29:920-33.

55. **Abrams GD**, McGarry MH, Jain NS, Freehill MT, Shin S, Cheung EV, Lee TQ, Safran MR. Biomechanical evaluation of a coracoclavicular and acromioclavicular ligament reconstruction with a continuous intramedullary tissue graft. *Journal of Shoulder and Elbow Surgery*. 2013;22(7):979-85.
56. **Abrams GD**, Harris AH, Andriacchi T, Safran MR. Biomechanical analysis of three tennis serve types using a markerless system. *British Journal of Sports Medicine* 2014;48(4):339-42.
57. **Abrams GD**, Bellino MJ, Cheung EV. Risk factors for development of heterotopic of the elbow after fracture fixation. *Journal of Shoulder and Elbow Surgery*. 2012;21(11):1550-4.
58. **Abrams GD**, Bishop JA. Use of an inflatable pressure bag pump for medial and lateral surgical approaches to the leg. *Foot and Ankle International*. 2012;33(9):795-7.
59. **Abrams GD**, Safran MR. Epidemiology of musculoskeletal injuries in tennis players. *British Journal of Sports Medicine*. 2012;46:492-8.
60. **Abrams GD**, Gajendran VK, Mohler DG, Avedian RS. Surgical technique: methods for removing a compress compliant pre-stress implant. *Clinical Orthopedics and Related Research*. 2012;470:1204-12.
61. **Abrams GD**, Safran MR. MRI – arthroscopy correlations of the elbow: a case-based approach. *Instructional Course Lectures*. 2012;61:235-49.
62. **Abrams GD**, Sheets AL, Andriacchi TP, Safran MR. Review of tennis serve motion analysis and the biomechanics of three serve types with implications for injury. *Sports Biomechanics*. 2011;10:378-90.
63. **Abrams GD**, Safran MR. Musculoskeletal injuries in the tennis player. *Minerva Ortopedica e Traumatologica*. 2011;62(4):311-329.
64. Sheets AL, **Abrams GD**, Corazza S, Safran MR, Andriacchi T. Kinematics differences between the flat, kick and slice serves measured using a markerless motion capture method. *Annals of Biomedical Engineering*. 2011;39:3011-20.
65. **Abrams GD**, Safran MR. Diagnosis and management of superior labrum anterior posterior lesions in overhead athletes. *British Journal of Sports Medicine*. 2010;44(5):311-318.
66. Eng CM, **Abrams GD**, Smallwood LR, Lieber RL, Ward SR. Muscle geometry affects accuracy of forearm volume determination by magnetic resonance imaging. *Journal of Biomechanics*. 2007;40(14):3261-66.
67. **Abrams GD**, Ward SR, Fridén J, Lieber RL. Pronator teres is an appropriate donor muscle for restoration of wrist and thumb extension. *Journal of Hand Surg (Am)*. 2005;30(5):1068-73.

68. White TJ, Vanderplas A, Chang E, Dezii CM, **Abrams GD**. The costs of non-adherence to oral anti-hyperglycemic medication in individuals with diabetes mellitus and concomitant diabetes mellitus and cardiovascular disease in a managed care environment. *Disease Management and Health Outcomes*. 2004;12(3):181-8.

Peer-Reviewed Short Communications

1. **Abrams GD**. The Importance of capsular closure in hip arthroscopy: is there a limit to the benefit? *Arthroscopy*. 2018;34(3):864-865.
2. **Abrams GD**. Not repairing the hip capsule after arthroscopy – what were we thinking? *Arthroscopy*. 2018;34(1):319-320.
3. **Abrams GD**. Point-Counterpoint: Does the anterolateral ligament play a biomechanical role in the function of the knee? *Orthopedics Today*. March, 2017.
4. Harris JD, Gupta AK, Mall NA, **Abrams GD**, McCormick FM, Bach BR, Romeo AA. In Response to Letter to Editor Regarding “Long term outcomes after Bankart shoulder stabilization surgery: a systematic review. *Arthroscopy*. 2013;29(10):1602-3.
5. **Abrams GD**, Cole BJ. Hyaluronic acid and platelet rich plasma, intra-articular infiltration in the treatment of gonarthrosis: Letter to the editor. *American Journal of Sports Medicine*. 2013;41(5):NP27.
6. **Abrams GD**, Bellino, MJ, Cheung EV. In Response to Letter to Editor Regarding "Risk factors for heterotopic ossification of the elbow after fracture fixation." *Journal of Shoulder and Elbow Surgery*. 2013;22(7):e31.

Podium Presentations

1. **American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting, Toronto, Canada (7/2017)**. Chondrotoxicity of Injectable Anti-inflammatory and Narcotic Medications.
2. **International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine – Biennial Congress, Shanghai, China (6/2017)** - Chondrotoxicity of Injectable Anti-inflammatory and Narcotic Medications.
3. **American Academy of Orthopedic Surgeons (AAOS) – Annual Meeting, San Diego, CA (2/2017)**. Chondrotoxicity of Injectable Anti-inflammatory and Narcotic Medications.
4. **International Society for Hip Arthroscopy (ISHA) – Annual Meeting, London, England (9/2015)**. Chronic synovial-based inflammation in femoroacetabular impingement.

5. **American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting, Seattle, WA, USA (7/2014).** Combined meniscus and osteochondral allograft transplantation: minimum two-year follow-up with an analysis of failures.
6. **International Society for Hip Arthroscopy (ISHA) – Annual Meeting, Munich, Germany (10/2013).** Fibronectin-aggreacan complex as a marker for cartilage degradation in non-arthritic hips.
7. **International Society for Hip Arthroscopy (ISHA) – Annual Meeting, Munich, Germany (10/2013).** Effect of capsulotomy and capsulectomy on hip stability.
8. **International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine – Biennial Congress, Toronto, Canada (5/2013);** Fibronectin-aggreacan complex as a marker for cartilage degradation in non-arthritic hips.
9. **American Shoulder and Elbow Surgeons – Open Meeting, Chicago, IL, USA (3/2013);** Risk factors for development of heterotopic ossification of the elbow after fracture fixation.
10. **American Academy of Orthopedic Surgeons (AAOS)/American Shoulder and Elbow Surgeons (ASES) 8th Biennial Shoulder and Elbow Meeting, Boca Raton, FL, USA (5/2012);** Biomechanical evaluation of mean articular screw distance and medical calcar support in proximal humerus fractures treated with locked plating.
11. **American Academy of Orthopedic Surgeons (AAOS)/American Shoulder and Elbow Surgeons (ASES) 8th Biennial Shoulder and Elbow Meeting, Boca Raton, FL, USA (5/2012);** Risk factors for development of heterotopic ossification of the elbow following fracture fixation.
12. **American Academy of Orthopedic Surgeons (AAOS) – Annual Meeting, San Francisco, CA, USA (2/2012);** Coracoclavicular and acromioclavicular ligament reconstruction with a continuous intramedullary tissue graft.
13. **American Shoulder and Elbow Surgeons (ASES) – Open Meeting, San Francisco, CA, USA (2/2012);** Locked plate fixation of proximal humerus fractures: biomechanical evaluation of screw to subchondral distance and medial calcar support.
14. **International Society for Hip Arthroscopy (ISHA) – Annual Meeting, Paris, France (10/2011);** Hip labral regrowth after resection: a prospective study.
15. **International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – World Congress, Rio de Janeiro, Brazil (5/2011);** Comparison of tennis serves using an novel markerless three-dimensional video-based method for determining kinematics and kinetics of the upper extremity and torso.

16. **Society for Tennis Medicine and Science – Annual Congress, San Jose, CA, USA (2/2011)**; Kinetic and kinematic analysis of three tennis serve types using a markerless motion capture system.
17. **Society for Tennis Medicine and Science – World Congress, Tokyo, Japan (10/2008)**; Comparison of tennis serves using an novel markerless three-dimensional video-based method for determining kinematics and kinetics of the upper extremity and torso.
18. **American Federation for Medical Research, Western Conference, Carmel, CA (2/2005)**; Architectural characteristics of pronator teres and the implications for tendon transfer surgery.

Scientific Exhibits

1. Erickson BJ, Harris JD, Cvetanovich GL, **Abrams GD**, Bach BR, Verma NN, Bush-Joseph CA, Cole BJ. Anterior cruciate ligament reconstruction in elite professional athletes. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. New Orleans, LA, 2014.

Peer Reviewed Abstracts

1. Hall KE, Sarkissian EJ, **Abrams GD**. Identification of Differentially Expressed Micro-RNA in Rotator Cuff Tendinopathy. Western Orthopedic Association – Annual Meeting. Snowmass, CO, 2018 (Podium)
2. Trutzner JN, Shapiro LM, Hoppe DJ, **Abrams GD**, Safran MR. The Diagnostic Accuracy of Three Physical Exam Maneuvers in the Diagnosis of Hip Microinstability. International Society for Hip Arthroscopy (ISHA) – Annual Meeting. Santiago, Chile, 2017 (Podium)
3. Sarkissian EJ, Hall K, **Abrams GD**. Teres Minor Fatty Infiltration Affects Outcomes Following Rotator Cuff Surgery. Western Orthopedic Association (WOA) – Annual Meeting. Kauai, Hawaii, 2017 (Podium)
4. Truntzer J, Hoppe DJ, Shapiro LM, **Abrams GD**, Safran MR. Why Does Hip Arthroscopy Get a Bad Reputation Among Payers? – Could It Be Higher Complication Rates in General Practice. International Society for Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Meeting. Shanghi, China, 2017.
5. **Abrams GD**. Micro-RNA Differential Expression In Rotator Cuff Tendinopathy: An Rna-Sequencing Analysis. International Society for Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Meeting. Shanghi, China, 2017.

6. **Abrams GD**, Chang W, Dragoo JD. Chondrotoxicity of Injectable Anti-inflammatory and Narcotic Medications. American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting. Toronto, Canada, 2017 (Podium)
7. **Abrams GD**, Chang W, Dragoo JD. Chondrotoxicity of Injectable Anti-inflammatory and Narcotic Medications. American Association of Orthopedic Surgeons (AAOS) – Annual Meeting. San Diego, CA, 2017 (Podium)
8. Beckman JT, **Abrams GD**, Safran MR, Giori NJ. Are We Overestimating the Cam Lesion in Adult-Onset FAI? American Association of Orthopedic Surgeons (AAOS) – Annual Meeting. Orlando, FL, 2016.
9. Erickson BJ, Jain A, **Abrams GD**, Nicholson GP, Cole BJ, Romeo AA, Verma NN. Primary SLAP repair: an evolution of treatment. International Congress of Shoulder and Elbow Surgery – Annual Meeting. Jeju, South Korea, 2016.
10. Beckman JT, **Abrams GD**, Safran MR, Giori NJ. Are We Overestimating the Cam Lesion in Adult-Onset FAI? International Society for Hip Arthroscopy (ISHA) – Annual Meeting. London, England, 2015.
11. **Abrams GD**, Luria A, Tendulkar N, Carr RA, Robinson WH, Safran MR, Sokolove J. Chronic Synovial-Based Inflammation in Femoroacetabular Impingement. International Society for Hip Arthroscopy (ISHA) – Annual Meeting. London, England, 2015. (Podium)
12. Wang T, **Abrams GD**, Behn A, Cheung EV. Eccentric Reaming is Biomechanically Superior to Posterior Augment for Posterior Glenoid Wear. California Orthopedic Association (COA) – Annual Meeting. Indian Wells, CA, 2015. (Podium)
13. **Abrams GD**, Luria A, Carr RA, Rhodes C, Robinson WH, Sokolove J. Increased Synovial-Based Inflammation in Glenohumeral Rotator Cuff Tears and Osteoarthritis. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Meeting. Lyon, France, 2015.
14. **Abrams GD**, Luria A, Tendulkar N, Carr RA, Robinson WH, Safran MR, Sokolove J. Chronic Synovial-Based Inflammation in Femoroacetabular Impingement. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Annual Meeting. Lyon, France, 2015.
15. **Abrams GD**, Luria A, Carr RA, Rhodes C, Robinson WH, Sokolove J. Increased Synovial-Based Inflammation in Glenohumeral Rotator Cuff Tears and Osteoarthritis. Arthroscopy Association of North America (AANA) – Annual Meeting. Los Angeles, CA, 2015.
16. **Abrams GD**, Luria A, Tendulkar N, Carr RA, Robinson WH, Safran MR, Sokolove J. Chronic Synovial-Based Inflammation in Femoroacetabular Impingement. Arthroscopy Association of North America (AANA) – Annual Meeting. Los Angeles, CA, 2015.

17. **Abrams GD**, Luria A, Carr RA, Rhodes C, Robinson WH, Sokolove J. Increased Synovial-Based Inflammation in Glenohumeral Rotator Cuff Tears and Osteoarthritis. Orthopedic Research Society (ORS) – Annual Meeting. Las Vegas, NV, 2015.
18. Wang T, **Abrams GD**, Behn A, Cheung EV. Eccentric Reaming is Biomechanically Superior to Posterior Augment for Posterior Glenoid Wear. Orthopedic Research Society (ORS) – Annual Meeting. Las Vegas, NV, 2015. (Podium)
19. Wang T, **Abrams GD**, Behn A, Cheung EV. Posterior Augment Versus Standard Glenoid Prosthesis With Eccentric Reaming For Posterior Glenoid Wear: A Biomechanical Analysis. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. Las Vegas, NV, 2015. (Podium)
20. **Abrams GD**, Safran MR, Shapiro LM, Maloney WM, Goodman SB, Huddleston JI, Bellino MJ, Scuderi GJ. Cytokines As A Predictor Of Clinical Response Following Hip Arthroscopy: Minimum 2-Year Follow-Up. International Society for Hip Arthroscopy (ISHA) – Annual Meeting. Rio de Janeiro, Brazil, 2014. (Podium)
21. Wang T, **Abrams GD**, Behn A, Cheung EV. Posterior Augment Versus Standard Glenoid Prosthesis With Eccentric Reaming For Posterior Glenoid Wear: A Biomechanical Analysis. Association of Shoulder and Elbow Surgeons (ASES) – Closed Meeting. Pinehurst, NC, 2014. (Podium)
22. Wang T, **Abrams GD**, Behn A, Cheung EV. Pegged Posterior Augmented Versus Non-Augmented Glenoids: A Biomechanical Evaluation. Western Orthopedic Association (WOA) – Annual Meeting. Big Island, HI, 2014. (Podium)
23. **Abrams GD**, Hussey KE, Harris JD, Cole BJ. Combined meniscus and osteochondral allograft transplantation: minimum two-year follow-up with an analysis of failures. American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting. Seattle, WA, 2014. (Podium)
24. Tetteh E, **Abrams GD**, Hussey KE, Gupta AK, Cole BJ, Romeo AA, Verma NN. A Prospective randomized trial of functional outcomes following rotator cuff repair with and without acromioplasty: minimum 2-year follow-up. Orthopedic Research Society (ORS) – Annual Meeting. New Orleans, LA, 2014.
25. Tetteh E, **Abrams GD**, Hussey KE, Gupta AK, Cole BJ, Romeo AA, Verma NN. A Prospective randomized trial of functional outcomes following rotator cuff repair with and without acromioplasty: minimum 2-year follow-up. European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA) – Annual Meeting. Amsterdam, The Netherlands, 2014. (Podium)
26. Gupta AK, Erickson BJ, JD Harris, Bach BR, **Abrams GD**, Angielyn SJ, Cole BJ, Bush-Joseph CA, Romeo AA. Performance and return-to-sport after Tommy John surgery in major league baseball pitchers. American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting. Seattle, WA, 2014.

27. McCormick F, Harris JD, Frank RM, Hussey KE, Wilson H, AK Gupta, **Abrams GD**, Bach BR, Cole BJ. Meniscal allograft transplantation reoperation rates, operative findings, and survival analysis: a review of 200 consecutive transplants at minimum two-year follow-up. American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting. Seattle, WA, 2014.
28. Gupta AK, Erickson BJ, JD Harris, Bach BR, **Abrams GD**, Angielyn SJ, Cole BJ, Bush-Joseph CA, Romeo AA. Performance and return-to-sport after Tommy John surgery in major league baseball pitchers. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. New Orleans, LA, 2014. (Podium)
29. McCormick F, Gupta AK, Bruce BG, Harris JD, **Abrams GD**, Hussey K, Wilson H, Cole BJ. Single-row, double-row and transosseous equivalent rotator cuff repair techniques: a comparative analysis. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. New Orleans, LA, 2014. (Podium)
30. McCormick F, Harris JD, Frank RM, Hussey KE, Wilson H, AK Gupta, **Abrams GD**, Bach BR, Cole BJ. Meniscal allograft transplantation: survival, re-operation rates, and analysis of failures. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. New Orleans, LA, 2014. (Podium)
31. McCormick F, Harris JD, Frank RM, Hussey KE, Wilson H, AK Gupta, **Abrams GD**, Bach BR, Cole BJ. 200 Meniscal Allograft Transplantations; Survival and Re-operation Analysis. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. New Orleans, LA, 2014.
32. Erickson BJ, Harris JD, Cvetanovich GL, **Abrams GD**, Bach BR, Verma NN, Bush-Joseph CA, Cole BJ. Anterior cruciate ligament reconstruction in elite professional athletes. American Academy of Orthopedic Surgery (AAOS) – Annual Meeting. New Orleans, LA, 2014. (Scientific Exhibit)
33. Gupta AK, Erickson BJ, JD Harris, Bach BR, **Abrams GD**, Angielyn SJ, Cole BJ, Bush-Joseph CA, Romeo AA. Performance and return-to-sport after Tommy John surgery in major league baseball pitchers. Mid-America Orthopedic Association (MAOA) – Annual Meeting, San Antonio, TX, 2014. (Podium)
34. **Abrams GD**, Hart MA, Takami K, Bayne CO, Berman MD, Espinoza Orías AA, Martin HD, Kelly BT, Nho SJ. Effect of capsulotomy and capsulectomy on hip stability. Arthroscopy Association of North America (AANA) – Annual Meeting. Hollywood, FL, 2014. (Podium)
35. Harris JD, Hussey K, Saltzman B, Wilson H, **Abrams GD**, Cole BJ. Surgical treatment of isolated lateral compartment cartilage defects. Arthroscopy Association of North America (AANA) – Annual Meeting. Hollywood, FL, 2014. (Podium)
36. McCormick FM, Gupta AK, Bruce B, Harris JD, **Abrams GD**, Hussey K, Wilson H, Cole BJ. Single-row, double-row, and transosseous equivalent rotator cuff repair techniques are effective and equivalent: a case-control comparison of prospective

outcomes at minimum two-year follow-up. *Orthopedics Today*. Big Island, Hawaii, 2013.

37. Tetteh E, Hussey KE, **Abrams GD**, Gupta AK, Dhawan A, Karas V, Cole BJ, Romeo AA, Verma NN. A Prospective randomized trial of functional outcomes following rotator cuff repair with and without acromioplasty: minimum 2-year follow-up. American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting. Chicago, IL, 2013. (First Place Poster Award)
38. Gupta AK, Forsythe B, Lee AS, Harris JD, McCormick FM, **Abrams GD**, Verma NN, Inoue N, Cole BJ. Topographic analysis of the glenoid and proximal medial tibial articular surfaces – a search for the ideal match for glenoid resurfacing. American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting. Chicago, IL, 2013.
39. Gupta AK, Harris JD, **Abrams GD**, McCormick F, Nicholson GP, Romeo AA. ORIF vs. Hemiarthroplasty vs. Reverse Shoulder Arthroplasty for 3 and 4-part proximal humerus fractures – a systematic review of 4,500 patients and 92 studies. Paris International Shoulder Course. Paris, France, 2013. (Podium)
40. McCormick FM, Gupta AK, Bruce B, Harris JD, **Abrams GD**, Hussey K, Wilson H, Cole BJ. Single-row, double-row, and transosseous equivalent rotator cuff repair techniques are effective and equivalent: a case-control comparison of prospective outcomes at minimum two-year follow-up. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Congress. Toronto, CA, 2013.
41. Gupta AK, Lee AS, Forsythe B, Harris JD, McCormick FM, **Abrams GD**, Verma N, Cole BJ, Inoue N. Topographic analysis of the glenoid and proximal medial tibia plateau. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Congress. Toronto, CA, 2013. (Podium)
42. McCormick FM, Cvetanovich G, Kim J, Harris JD, Gupta AK, **Abrams GD**, Romeo AA, Provencher MT. An assessment of the quality of rotator cuff randomized controlled trials: Utilizing the CONSORT Randomized Trial Criteria. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Congress. Toronto, CA, 2013. (Podium)
43. **Abrams GD**, Safran MR, Maloney WM, Goodman SB, Huddleston JI, Shapiro L, Bellino MJ, Scuderi GJ. Fibronectin-aggreacan complex as a marker for cartilage degradation in non-arthritic hips. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Congress. Toronto, CA, 2013. (Podium)
44. **Abrams GD**, Safran MR, Sadri H. Spontaneous hip labrum regrowth following initial surgical debridement. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Congress. Toronto, Canada, 2013.

45. **Abrams GD**, McGarry MH, Jain NS, Freehill MT, Shin S, Cheung EV, Lee TQ, Safran MR. Coracoclavicular and acromioclavicular ligament reconstruction with a continuous intramedullary tissue graft. International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Congress. Toronto, CA, 2013.
46. Harris JD, Frank JM, Jordan MA, Bush-Joseph CA, Romeo AA, Gupta AK, **Abrams GD**, McCormick FM, Bach BR. Return to sports following shoulder surgery in the elite pitcher: a systematic review. Arthroscopy Association of North American (AANA) – Annual Meeting. San Antonio, TX, 2013. (Podium - J Whit Ewing Resident/Fellow Clinical Research Award)
47. McCormick FM, Gupta AK, Bruce B, Harris JD, **Abrams GD**, Hussey K, Wilson H, Cole BJ. Single-row, double-row, and transosseous equivalent rotator cuff repair techniques are effective and equivalent: a case-control comparison of prospective outcomes at minimum two-year follow-up. Arthroscopy Association of North American (AANA) – Annual Meeting. San Antonio, TX, 2013.
48. Lee AS, Karas V, **Abrams GD**, Riccio M, Yanke A, Forsythe B, Nho SJ, Verma NN, Bush-Joseph C, Bach BR, Cole BJ. Surgeon reliability in calcified cartilage layer removal: open versus arthroscopic technique. Arthroscopy Association of North America (AANA) – Annual Meeting. San Antonio, TX, 2013.
49. Pirolo J, Behn A, **Abrams GD**, Bishop JA. Biomechanical analysis of medial and anterolateral plating of distal tibia shaft fractures. Western Orthopedic Association (WOA) – Annual Meeting. Lake Tahoe, CA, 2013.
50. Yanke A, Lee AS, Karas V, Riccio M, **Abrams GD**, Forsythe B, Nho SJ, Verma NN, Bush-Joseph C, Bach BR, Cole BJ. Surgeon reliability in calcified cartilage layer removal: open versus arthroscopic technique. International Cartilage Repair Society (ICRS) World Congress. Ismir, Turkey, 2013. (Podium)
51. **Abrams GD**, Hussey KE, Harris JD, Cole BJ. Clinical results of combined meniscus and osteochondral allograft transplantation: prospective evaluation at minimum two-year follow-up with an analysis of failures. International Cartilage Repair Society (ICRS) World Congress. Ismir, Turkey, 2013.
52. McCormick F, Harris JD, **Abrams GD**, Hussey K, Wilson H, Gupta A, Frank R, Bach B, Cole BJ. Meniscal allograft transplantation: Survival and re-operation analysis for 200 consecutive transplants at minimum two-year follow-up. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013. (Podium)
53. Harris JD, Erickson BJ, **Abrams GD**, Cole BJ. Development of a valid and reliable knee articular cartilage study methodological quality questionnaire. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013.
54. McCormick F, Harris J, **Abrams GD**, Frank R, Hussey K, Wilson H, Gupta A, Bach B, Cole B. Trends in the surgical treatment of articular cartilage lesions: an analysis

- of a large private payer database over 8 years. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013. (Podium)
55. Harris JD, Hussey K, Saltzman B, Wilson H, **Abrams GD**, Cole BJ. Surgical treatment of isolated lateral compartment cartilage defects. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013.
56. Harris JD, Erickson BJ, **Abrams GD**, Cvetanovich GL, McCormick FM, Gupta AK, Bach BR, Cole BJ. Methodological quality of knee articular cartilage studies. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013. (Podium)
57. Harris JD, McCormick FM, **Abrams GD**, Gupta AK, Bach BR, Nho SJ. Complications and re-operations of hip arthroscopy - A systematic review. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013.
58. Harris JD, McCormick FM, **Abrams GD**, Gupta AK, Nho SJ. Treatment of femoroacetabular impingement - A systematic review. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013.
59. Harris JD, McCormick FM, **Abrams GD**, Gupta AK, Nho SJ. Rehabilitation following hip arthroscopy - A systematic review. International Cartilage Repair Society (ICRS) World Congress. Izmir, Turkey, 2013.
60. **Abrams GD**, Safran MR, Maloney WM, Goodman SB, Huddleston JI, Shapiro L, Bellino MJ, Scuderi GJ. Fibronectin-aggrecan complex as a marker for cartilage degradation in non-arthritic hips. International Society for Hip Arthroscopy (ISHA) – Annual Meeting. Munich, Germany, 2013. (Podium)
61. **Abrams GD**, Hart MA, Takami K, Bayne CO, Berman MD, Espinoza Orías AA, Martin HD, Kelly BT, Nho SJ. Effect of capsulotomy and capsulectomy on hip stability. International Society for Hip Arthroscopy (ISHA) – Annual Meeting. Munich, Germany, 2013. (Podium)
62. Tetteh E, **Abrams GD**, Hussey KE, Gupta AK, Cole BJ, Romeo AA, Verma NN. A Prospective randomized trial of functional outcomes following rotator cuff repair with and without acromioplasty: minimum 2-year follow-up. American Shoulder and Elbow Surgeons (ASES) – Closed Meeting. Las Vegas, NV 2013. (Podium)
63. **Abrams GD**, Lindsey D, Giori N, Cheung E, Safran M. Locked plate fixation of proximal humerus fractures: biomechanical evaluation of screw to subchondral distance and medial calcar support. *Orthopedic Research Society (ORS) – Annual Meeting*. San Francisco, CA, 2012.
64. **Abrams GD**, Golish SR, Olan W, Philippon MJ, Stone JA, Hanna LS, Scuderi GJ. Hip synovial fluid cytokine profiling in osteoarthritis versus labral pathology patient populations. *Orthopedic Research Society (ORS) – Annual Meeting*. San Francisco, CA, 2012.

65. **Abrams GD**, Lindsey D, Giori N, Cheung E, Safran M. Locked plate fixation of proximal humerus fractures: biomechanical evaluation of screw to subchondral distance and medial calcar support. *American Shoulder and Elbow Surgeons (ASES) – Open Meeting*. San Francisco, CA, 2012. (Podium)
66. **Abrams GD**, McGarry MH, Jain NS, Freehill MT, Shin S, Cheung EV, Lee TQ, Safran MR. Coracoclavicular and acromioclavicular ligament reconstruction with a continuous intramedullary tissue graft. *American Academy of Orthopedic Surgery (AAOS) – Annual Meeting*. San Francisco, CA, 2012. (Podium)
67. **Abrams GD**, Lindsey D, Giori N, Cheung E, Safran M. Biomechanical evaluation of mean articular screw distance and medial calcar support in proximal humerus fractures treated with locked plating. *American Academy of Orthopedic Surgery (AAOS)/American Shoulder and Elbow Surgeons (ASES) 8th Biennial Shoulder and Elbow Meeting*. Boca Raton, FL, 2012. (Podium)
68. **Abrams GD**, Bellino MJ, Cheung EV. Risk factors for heterotopic ossification following elbow trauma. *American Academy of Orthopedic Surgery (AAOS)/American Shoulder and Elbow Surgeons (ASES) 8th Biennial Shoulder and Elbow Meeting*. Boca Raton, FL, 2012. (Podium)
69. **Abrams GD**, McGarry MH, Jain NS, Freehill MT, Shin S, Cheung EV, Lee TQ, Safran MR. Coracoclavicular and acromioclavicular ligament reconstruction with a continuous intramedullary tissue graft. *European Society of Sports Traumatology, Knee Surgery, and Arthroscopy*. Geneva, Switzerland, 2012. (Podium)
70. **Abrams GD**, Lindsey D, Giori N, Cheung E, Safran M. Biomechanical evaluation of mean articular screw distance and medial calcar support in proximal humerus fractures treated with locked plating. *European Society of Sports Traumatology, Knee Surgery, and Arthroscopy*. Geneva, Switzerland, 2012.
71. **Abrams GD**, Bellino MJ, Cheung EV. Risk factors for heterotopic ossification of the elbow following fracture fixation. *Western Orthopedic Association – Annual Meeting*. Portland, OR, 2012.
72. **Abrams GD**, Bellino MJ, Cheung EV. Risk factors for heterotopic ossification of the elbow following fracture fixation. *American Shoulder and Elbow Surgeons – Annual Closed Meeting*. Sea Island, GA, 2012.
73. **Abrams GD**, Sheets A, Corazza S, Andriacchi T, Safran M. Kinetic and kinematic analysis of three tennis serve types using a markerless motion capture system. *British Journal of Sports Medicine*. 2011;45:333. *International Olympic Committee World Conference on Prevention of Injury and Illness in Sport*. Monte Carlo, Monaco, 2011.
74. **Abrams GD**, Sheets A, Corazza S, Andriacchi T, Safran M. Comparison of tennis serves using an novel markerless three-dimensional video-based method for determining kinematics and kinetics of the upper extremity and torso. *International*

Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS). Rio de Janeiro, Brazil, 2011. (Podium)

75. **Abrams GD**, Safran M, Sadri H. Hip labral regrowth after resection: a prospective study. *International Society for Hip Arthroscopy (ISHA) – Annual Meeting*. Paris, France, 2011. (Podium - Richard Villar Excellence in Clinical Research Trainee Award)
76. **Abrams GD**, Gajendran V, Mohler D, Avedian R. Unique methods for removal of a Compress Compliant Pre-Stress implant: case series and techniques. *Connective Tissue Oncology Society (CTOS) – Musculoskeletal Tumor Society (MSTS) Combined Annual Meeting*. Chicago, IL, USA, 2011.
77. Sheets A, Corazza S, **Abrams GD**, Safran M, Andriacchi T. Kinematic differences between the flat, kick, and slice measured using a markerless motion capture method. *American Society of Mechanical Engineering Summer Bioengineering Conference*, Squaw Creek, California, 2009
78. **Abrams GD**, Sheets A, Corazza S, Andriacchi T, Safran M. Comparison of tennis serves using an novel markerless three-dimensional video-based method for determining kinematics and kinetics of the upper extremity and torso. *International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicines*, Osaka, Japan, 2009.
79. Corazza S, Sheets A, **Abrams GD**, Safran M, Andriacchi T. Tennis serve analysis using on-the-field markerless motion capture. *North American Congress on Biomechanics*, Ann Arbor, MI, 2008.
80. **Abrams GD**, Sheets A, Corazza S, Andriacchi T, Safran M. Comparison of tennis serves using an novel markerless three-dimensional video-based method for determining kinematics and kinetics of the upper extremity and torso. *Society for Tennis Medicine and Science – World Congress*, Tokyo, Japan, 2008. (Podium)
81. **Abrams GD**, Fakhouri NS, Eng CM, Gokhin DS, Ward SR, Lieber RL. Glenohumeral muscle architecture scales with skeletal size. *Orthopaedic Research Society Annual Conference*, San Diego, CA, 2007.
82. Eng CM, Ward SR, Smallwood LH, **Abrams GD**, Lieber RL. Forearm muscle volumes can be accurately obtained from high resolution MRI. *World Congress on Biomechanics*, Munich, Germany, 2006.
83. **Abrams GD**, Ward SR, Fridén J, Lieber RL. Pronator teres, extensor carpi radialis brevis, and extensor pollicis longus muscle architecture: implications for tendon transfer procedures. *Experimental Biology*, San Diego, CA, 2005
84. **Abrams GD**, Ward SR, Fridén J, Lieber RL. Pronator teres, extensor carpi radialis brevis, and extensor pollicis longus muscle architecture: implications for tendon transfer procedures. *Journal of Investigative Medicine*, Vol 53 (1), #215, 2005.

Book Chapters

1. Xiao MX, Carr RA, **Abrams GD**. “Classification of Subscapularis Tears and Correlation With Physical Exam,” in Rotator Cuff Across the Lifespan. Editors: Imhoff A, Savoie F. New York, NY: Springer 2019.
2. Xiao MX, Carr RA, **Abrams GD**. “Single Row Subscapularis Repair – the Intra-articular Technique,” in Rotator Cuff Across the Lifespan. Editors: Imhoff A, Savoie F. New York, NY: Springer 2019.
3. Xiao MX, Carr RA, **Abrams GD**. “Double Row Subscapularis Repair – the U.S. Perspective,” in Rotator Cuff Across the Lifespan. Editors: Imhoff A, Savoie F. New York, NY: Springer 2019.
4. **Abrams GD**. “Subscapularis Tears and Instability,” in Shoulder Instability Through the Lifespan. Editors: Imhoff A, Savoie F. New York, NY: Springer 2017.
5. Carr RA, **Abrams GD**. “Acute Shoulder Instability – Conservative Treatment,” in Shoulder Instability Through the Lifespan. Editors: Imhoff A, Savoie F. New York, NY: Springer 2017.
6. **Abrams GD**, Harris JD, Gupta AK, Cole BJ. “Meniscal Transplantation – Background and Technique. Lateral Meniscus Transplant,” in: Lure of the Knee. Editor: Johnson D. Naples, FL: Arthrex.
7. Johnston TR, **Abrams GD**. “Shoulder Injuries and Conditions in Swimmers,” in Endurance Sports Medicine: Evaluation and Treatment of the Endurance Athlete. Editor: Miller TL. New York, NY: Springer, 2016.
8. **Abrams GD**, Harris JD. “Treatment of subchondral bone lesions in the knee,” in Biologic Knee Reconstruction – A Surgeon’s Guide. Eds: Cole BJ, Harris JD. Philadelphia, PA: Slack Inc., 2015.
9. **Abrams GD**, Harris JD, Safran MR. “Portal Placement in Hip Arthroscopy: Anatomic Considerations and Access to the Central, Peripheral, and Peritrochanteric Spaces,” in The Hip: AANA Advanced Arthroscopic Surgical Techniques. Eds: Byrd JW, Bedi A, Stubbs AJ. Thorofare, NJ: SLACK Inc, 2015.
10. **Abrams GD**, Harris JD, Safran MR. “Hip Arthroscopy – Portal Placement,” in Hip Arthroscopy and Hip Joint Preservation Surgery. Eds: Nho SJ, Leunig M, Larson C, Bedi A, Kelly B. New York, NY: Springer, 2014.
11. Harris JD, Slikker W, **Abrams GD**, Nho SJ. “Atraumatic Microinstability and Surgical Technique,” in Hip Arthroscopy and Hip Joint Preservation Surgery. Eds: Nho SJ, Leunig M, Larson C, Bedi A, Kelly B. New York, NY: Springer, 2014.

12. Abrams GD, Harris JD, Gupta AK, McCormick FM, Cole BJ. “Biologic augmentation of meniscus repair and replacement,” in: *Meniscal Surgery – Management and Techniques*. Ed. Kelly JD. New York, NY: Springer, 2012.
13. **Abrams GD**, Safran MR. “Musculoskeletal injuries in the tennis player,” in *ACSM Sports Medicine: A Comprehensive Review*. Ed: O’Connor FG. Chicago, IL: Lippincott, Williams, and Wilkins, 2012
14. **Abrams GD**, Safran MR. “Introduction to Elbow Arthroscopy,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
15. **Abrams GD**, Safran MR. “Distal Biceps Injuries,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
16. **Abrams GD**, Safran MR. “Distal Triceps Injuries,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
17. **Abrams GD**, Safran MR. “Lateral Epicondylitis,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
18. **Abrams GD**, Safran MR. “Medial Epicondylitis,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
19. **Abrams GD**, Safran MR. “Medial Elbow Instability,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
20. **Abrams GD**, Safran MR. “Posterolateral Elbow Instability,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
21. **Abrams GD**, Safran MR. “Valgus Extension Overload,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
22. **Abrams GD**, Safran MR. “Pediatric Elbow Conditions,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
23. **Abrams GD**, Safran MR. “Elbow Nerve Entrapment Syndromes,” in *Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions*. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.

24. **Abrams GD**, Safran MR. “Elbow Articular Cartilage Injuries/Loose Bodies,” in Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
25. **Abrams GD**, Safran MR. “Distal Humerus Fractures,” in Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
26. **Abrams GD**, Safran MR. “Radial Head and Neck Fractures,” in Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
27. **Abrams GD**, Safran MR. “Proximal Ulnar Fractures,” in Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
28. **Abrams GD**, Safran MR. “Elbow Bursitis,” in Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.
29. **Abrams GD**, Safran MR. “Elbow Arthritis,” in Presentation, Imaging, and Treatment of Common Musculoskeletal Conditions. Eds: Miller MD, Sanders T. Philadelphia, PA: Elsevier, 2011.

Poster Presentations

1. **Arthroscopy Association of North America (AANA) – Annual Meeting, Los Angeles, CA (4/2015)**. Increased Synovial-Based Inflammation in Glenohumeral Rotator Cuff Tears and Osteoarthritis.
2. **Orthopedic Research Society (ORS) – Annual Meeting, Las Vegas, NV (3/2015)**. Increased Synovial-Based Inflammation in Glenohumeral Rotator Cuff Tears and Osteoarthritis.
3. **American Orthopedic Society for Sports Medicine (AOSSM) – Annual Meeting, Chicago, IL (7/2013)**. A prospective randomized trial of functional outcomes following rotator cuff repair with and without acromioplasty: minimum 2-year follow-up.
4. **Orthopedic Research Society (ORS) – Annual Meeting. San Francisco, CA (2/2012)**. Hip synovial fluid cytokine profiling in osteoarthritis versus labral pathology patient populations.
5. **Orthopedic Research Society (ORS) – Annual Meeting. San Francisco, CA (2/2012)**. Locked plate fixation of proximal humerus fractures: biomechanical evaluation of screw to subchondral distance and medial calcar support.

6. **Connective Tissue Oncology Society (CTOS) – Musculoskeletal Tumor Society (MSTS) Combined Annual Meeting. Chicago, IL, USA (10/2011)**; Unique methods for removal of a Compress Compliant Pre-Stress implant: case series and techniques. (non-presenter)
7. **International Olympic Committee World Conference on Prevention of Injury and Illness in Sport. Monte Carlo, Monaco (4/2011)**. Kinetic and kinematic analysis of three tennis serve types using a markerless motion capture system. (non-presenter)
8. **International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Annual Conference, Osaka, Japan (4/2009)**; Comparison of tennis serves using an novel markerless three-dimensional video-based method for determining kinematics and kinetics of the upper extremity and torso.
9. **Orthopaedic Research Society Annual Conference, San Diego, CA (2/2007)**; Rotator cuff muscle architecture scales with skeletal size.
10. **Experimental Biology Annual Conference, San Diego, CA (4/2005)**; Pronator teres, extensor carpi radialis brevis, and extensor pollicis longus muscle architecture: implications for tendon transfer.

Grant Support

1. **American Foundation for Surgery of the Hand**, Research Grant (\$20,000) October 2016 – September 2017 (Collaborator Role - Collagen Hydrogel For Enhanced Healing Of Chronic Rotator Cuff Tears).
2. **Orthopedic Research and Education Foundation (OREF)**, Resident Research Grant (\$5,000) July 2010 – June 2011 (PI Role – Biomechanical Stability of Glenoid Prostheses With Varying Cementation Techniques)
3. **National Heart, Lung, and Blood Institute**, Grant #5T35HL007491-24 (\$5,400) June 2004 – September 2004 (PI Role – Forearm Skeletal Muscle Architecture)

Electronic Publications

1. **Abrams GD**. Commentary on “Trends in meniscus repair and meniscectomy in the United States, 2005-2011.” MDLink. Available at: <http://www.mdlinx.com/orthopedics/news-article.cfm/4863778>. October 12, 2013.
2. **Abrams GD**. Commentary on “Spontaneous hip labrum regrowth after initial surgical debridement.” MDLink. Available at: <http://www.mdlinx.com/orthopedics/news-article.cfm/4721255/surgical-debridement>. August 8, 2013.

3. **Abrams GD.** Commentary on “Biomechanical evaluation of a coracoclavicular and acromioclavicular ligament reconstruction technique utilizing a single continuous intramedullary free tendon graft.” MDLinx. Available at <http://www.mdlinx.com/orthopedics/news-article.cfm/4388645>. February 10, 2013.

Journal Reviewer

- Journal of Bone and Joint Surgery (2018-present)
- Scientific Reports (2018-present)
- Journal of the International Society for Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (2017-present)
- Journal of the American Academy of Orthopedic Surgeons (2016-present)
- Journal of Hip Preservation Surgery (2015 – present)
- American Journal of Sports Medicine (2013 – present)
 - Principle Reviewer (2018-present)
- Journal of Shoulder and Elbow Surgery (2012 – present)
- Arthroscopy (2012 – present)
- Medicine and Science in Sports and Exercise (2011 – 2015)

Committee Service

- School of Medicine MD Office of MD Admissions – File Review Admissions Sub-Committee (2018 – present)
- Sports Medicine Evaluation Committee – American Academy of Orthopedic Surgeons (AAOS) (2017-2020)
- Stanford University School of Medicine – Faculty Senate (2017-present)
- Stanford University Orthopedic Surgery Residency Program Evaluation Committee (2017-present)
- Stanford University Student Athlete Research Oversight Committee (2016-present)
- Shoulder Committee – International Society of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine (ISAKOS) (2015-2020)
- Research Committee – American Orthopedic Society for Sports Medicine (AOSSM) (2015-present)
- Research Committee – Arthroscopy Association of North America (AANA) (2015-2017)
- Stanford University Orthopedic Resident Clinical Competency Committee (2013 – 2016)
- Stanford University Orthopedic Surgery Grand Rounds Committee (2013-2014)

Team/School Physician Service

- Head Team Physician
 - Stanford University Women’s Basketball (2013 – present)
 - Stanford University Men’s Tennis Team (2013 – present)
 - Stanford University Men’s Gymnastics Team (2014 – present)

- Notre Dame de Namur University (2013 – present)
- Associate Team Physician
 - Golden State Warriors (NBA) (2013 – present)
 - San Francisco 49ers (NFL) (2016-present)

Prior Team Coverage

- Chicago Bulls Professional Basketball (2012-2013)
- Chicago White Sox Professional Baseball (2012)
- DePaul University Men’s and Women’s Soccer and Basketball (2012-2013)
- Chicago Steel Minor League Ice Hockey (2012-2013)
- Chicago Riot Rugby (2013)
- Roosevelt College Basketball (2012)
- Chicago Force Women’s Football (2012)
- Oak Park and Morton Grove High School Football (2012)

Course Instructor

1. Stanford University Human Biology 139S – Sports Medicine (Undergraduate)
 - a. Lead Instructor, Spring 2017
 - b. Lead Instructor, Spring 2018
2. Stanford University Resident Skills Arthroscopy Lab – Tracy, CA (9/2017) – Course Organizer
3. Stanford University Sports Medicine Fellow Skills Lab (PLC/TTO) (5/2017)
4. Stanford University Intern Arthroscopic Skills Lab (5/2017)
5. Stanford University Resident Skills Lab Knee Arthroscopy Instructor (9/2016)
6. Stanford University Resident Skills Lab Knee Arthroscopy Instructor (7/2015)
7. Stanford University Sports Medicine Fellow Knee Ligament Reconstruction Instructor (2/2016)
8. Stanford University Resident Skills Lab Shoulder Arthroscopy Instructor (7/2015)
9. Stanford University Intern/Resident Knot Tying Skills Lab (4/2015)
10. Stanford University Intern/Resident Shoulder Arthroscopy Skills Lab (3/2015)
11. Stanford University Resident Arthroscopy Skills Lab (12/2014)
12. AANA Masters Hip Arthroscopy Surgical Skills Course (9/2014)
13. Stanford University Resident Shoulder Arthroscopy Skills Lab (8/2014)
14. Stanford University Resident Shoulder Arthroscopy Skills Lab (8/2014)
15. Rush University Resident Shoulder Arthroscopy Motor Skills Lab (7/2013)
16. Rush University Resident Elbow Arthroscopy Motor Skills Lab (5/2013)
17. Rush University Resident Knee Arthroscopy Motor Skills Lab (10/2012)
18. Rush University Resident Knee Arthroscopy Motor Skills Lab (4/2013)
19. AANA Resident Arthroscopy Course (9/2012)

Invited Lectures

1. “Inflammation in Tendinopathy” – Stanford University School of Medicine Medical Student Lecture Series (9/2018)

2. “What’s New in MDI – 2018” – American Orthopedic Society of Sports Medicine (AOSSM), Annual Meeting (7/2018)
3. “What’s New in Tendinopathy” – Stanford University Grand Rounds (6/2018)
4. “Micro-RNA in Tendinopathy” – Stanford University Disputation Lectures (6/2018)
5. “Shoulder Instability” – Stanford University PM&R Resident Lecture Series (4/2018)
6. “Osteoarthritis – It’s Not Just Wear and Tear” – American Academy of Orthopedic Surgeons (AAOS) – Annual Meeting (3/2018) – Instructional Course Lecture
7. “SLAP Tears and Biceps Pathologies” – Stanford Sports Medicine Lecture Series (2/2018)
8. “Orthopedic Knee Exam” – Orthopedics 201, Stanford University School of Medicine (2/2018)
9. “Sports Medicine for the Weekend Warrior and Corporate Athlete” – Cisco Men’s Health Symposium (1/2018)
10. “Bone Augmentation Procedures for Shoulder Instability” - International Society for Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Meeting. Shanghai, China (6/2017)
11. “Micro-RNA in tendinopathy pathogenesis” – Research Spotlight Dinner, Stanford University School of Medicine (5/2017)
12. “Osteoarthritis – It’s Not Just Wear and Tear” – American Academy of Orthopedic Surgeons (AAOS) – Annual Meeting (3/2017) – Instructional Course Lecture
13. “Orthopedic Knee Exam” – Orthopedics 201, Stanford University School of Medicine (3/2017)
14. “Shoulder Instability and Labral Injury - Stanford University Department of Orthopedic Surgery, Resident Core Course (2/2017)
15. “Vitamin D and Skeletal Muscle” – Stanford University School of Medicine 97Q (12/2016)
16. “Rotator Cuff Disease” – Stanford University Department of Orthopedic Surgery, Resident Core Course (10/2016)
17. “Vitamin D and Skeletal Muscle” – Stanford University Department of Orthopedic Surgery Grand Rounds (6/2016)
18. “ACL Injury and Reconstruction Techniques” – Resident Core Course, Stanford University Department of Orthopedic Surgery (4/2016)
19. “Meniscus Evaluation and Treatment” – Physical Medicine and Rehabilitation Resident Lecture Series, Stanford University (3/2016)
20. “Osteoarthritis – It’s Not Just Wear and Tear” – American Academy of Orthopedic Surgeons (AAOS) – Annual Meeting (3/2016) – Instructional Course Lecture
21. “Post Surgical Capsular Deficiency and Secondary Hip Instability” – International Society for Hip Arthroscopy (ISHA) – Annual Meeting (9/2015)
22. “Arthroscopic Treatment of FAI – Optimizing Outcomes” – Thailand Orthopedic Society for Sports Medicine (TOSSM) – Annual Meeting (7/2015)
23. “How to Approach MDI – Surgical Indications” – Thailand Orthopedic Society for Sports Medicine (TOSSM) – Annual Meeting (7/2015)
24. “Biomechanics of the Tennis Serve” – Thailand Orthopedic Society for Sports Medicine (TOSSM) – Annual Meeting (7/2015)
25. “Musculoskeletal Injuries in the Tennis Player” – Thailand Orthopedic Society for Sports Medicine (TOSSM) – Annual Meeting (7/2015)
26. “ACL Reconstruction” – Thailand Orthopedic Society for Sports Medicine (TOSSM) – Annual Meeting (7/2015)

27. "Management of Glenoid Bone Loss in Shoulder Instability" – Bangkok Hospital Sports Medicine Conference (7/2015)
28. "Management of Labral Lesions and Biceps/SLAP Tears" – Bangkok Hospital Sports Medicine Conference (7/2015)
29. "The Meniscus: From Debridement to Transplantation" – Bangkok Hospital Sports Medicine Conference (7/2015)
30. "The Meniscus: From Debridement to Transplantation" – Siriraj University, Department of Orthopedic Surgery, Grand Rounds (7/2015)
31. "Performance Enhancing Drugs" – Sports Medicine Conference Series, Stanford University (6/2015)
32. "When to Refer for Shoulder Pathology" – Primary Care Musculoskeletal Course, VA Hospital Palo Alto (4/2015, 5/2015)
33. "Evaluation and Treatment of Rotator Cuff Pathology" - Physical Medicine and Rehabilitation Resident Lecture Series, Stanford University (3/2015)
34. "Management of Shoulder Instability With and Without Glenoid Bone Loss" – Stanford University Department of Orthopedic Surgery Grand Rounds (10/2014)
35. "Subspinous Impingement – AIIS: Morphology and Etiology" – International Society for Hip Arthroscopy, Annual Meeting (10/2014)
36. "Imaging of the Hip With MRI" – International Society for Hip Arthroscopy, Annual Meeting (10/2014)
37. "The Role of Chronic Inflammation in Osteoarthritis of the Shoulder" – Disputation Day, Stanford University Department of Orthopedic Surgery (6/2014)
38. "Performance Enhancing Drugs" – Sports Medicine Conference, Stanford University (5/2014)
39. "Meniscus Evaluation and Treatment" – Physical Medicine and Rehabilitation Resident Lecture Series, Stanford University (6/2014)
40. "Top 5 Papers in Elbow Surgery in Past Year" – California Orthopedic Association, Annual Meeting, Monterrey, CA (5/2014)
41. "Anatomic and Biological Basis for Glenohumeral Osteoarthritis and Rotator Cuff Pathology" – Grand Rounds, Department of Orthopedic Surgery, Stanford University (3/2014)
42. "ACL Reconstruction Technique – Anatomic Reconstruction" – Staff Lecture Series, Sports Medicine Department, Stanford University (1/2013)
43. "Shoulder Exam and Instability" – Medical Student Lecture Series, Stanford University (9/18/13)
44. "Revision Rotator Cuff Repair: Diagnosis and Management" – Sports Medicine Conference, Rush University Medical Center (6/2013)
45. "Hyaline Cartilage Tissue Engineering" – Grand Rounds, Department of Orthopedic Surgery, Stanford University (4/2011)

Meeting Session Moderator

- ICL #1 – Traumatic Anterior Shoulder Instability: Repair vs. Augment – When and How? - International Society for Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS) – Biennial Meeting. Shanghi, China (6/2017)
- Sports and Trauma Case Reports – International Society for Hip Arthroscopy (ISHA) – Annual Meeting. Cambridge, England (9/2015)
- Research Award Session – California Orthopedic Association (COA) – Annual Meeting. Monterey, CA (8/2015)

Professional Experience

- Research Analyst, Prescription Solutions/PacifiCare Health Systems (5/2002 – 5/2003)
 - Performed pharmacoeconomic research for the Pharmacy and Therapeutics Committee of the pharmacy benefits manager and managed care organization (40 hours/week)

Mentees

1. Michelle Xiao – Undergraduate
2. K.C. Iglinski-Benjamin – Research/Lab
3. Kimberly Hall, MD – Resident
4. Eric Sarkissian, MD – Resident
5. Tyler Johnston, MD – Resident
6. Rebecca Carr – Research/Lab
7. Dan Greenberg – Medical Student
8. Jeremy Dubin – Research/Lab
9. Rachael Madding – Research/Lab
10. Joshua Sampson – Research/Lab

Honors and Awards

1. Teacher of the Year Award – Stanford University Department of Orthopedic Surgery (2018)
2. American Orthopedic Society of Sports Medicine (AOSSM) Travelling Fellowship – Europe (2018)
3. Likelihood to Recommend Care Provider Score (>90% Nationally) – Stanford University Hospital and Clinics (2018)
4. Lloyd W. Taylor, M.D. Resident Award – California Orthopedic Association Annual Meeting (2015) (mentorship of resident project)
5. Top 10 Poster – Arthroscopy Association of North America (AANA) Annual Meeting (2015)
6. First Place Poster Award – American Orthopedic Society of Sports Medicine Annual Meeting (2013) (co-author)
7. J. Whit Ewing Resident/Fellow Clinical Research Award – Arthroscopy Association of North America Annual Meeting (2013) (co-author)
8. Resident Research Award, Department of Orthopedic Surgery, Stanford University (2012)
9. Richard Villar Excellence in Clinical Research Trainee Award – International Society of Hip Arthroscopy Annual Meeting (2011)
10. Orthopedic Research and Education Foundation (OREF) Resident Research Grant recipient (2009)
11. Samuel B. Hamburger Memorial Thesis Award (Most Outstanding Medical School Graduating Thesis) (2007)
12. National Institutes of Health (NIH) Summer Scholar Grant recipient (2004)

13. NCAA All-American, Stanford University Tennis (2000)
14. Nominee, NCAA Post-Graduate Scholarship (2000)

Professional Memberships

- American Academy of Orthopedic Surgery (AAOS)
- American Orthopedic Society of Sports Medicine (AOSSM)
- International Society of Arthroscopy, Knee Surgery, and Orthopedic Sports Medicine (ISAKOS)
- California Orthopedic Association (COA)
- Western Orthopedic Association (WOA)