

CURRICULUM VITAE

Michael C. Fu, MD, MHS, FAAOS

Address 523 E 72nd St, 7th Floor
New York, NY 10021
Phone (212) 606-1991
E-mail fum@hss.edu
Last Updated December 2023

EDUCATION

08/2009-05/2014 **Yale University School of Medicine**, New Haven, CT
M.D. Doctor of Medicine, M.H.S. Master of Health Science

08/2005-05/2009 **Columbia University**, New York, NY
B.S. Chemical Engineering, *Summa cum laude*

09/2001-05/2005 **Upper Canada College**, Toronto, Ontario, Canada
International Baccalaureate (IB) Diploma Programme

POST-DOCTORAL TRAINING

08/2019-07/2020 **Rush University Medical Center** (Midwest Orthopaedics at Rush), Chicago, IL
Fellow, Sports Medicine & Shoulder Surgery

06/2014-06/2019 **Hospital for Special Surgery**, New York, NY
Resident Physician, Orthopaedic Surgery

06/2014-06/2015 **New York-Presbyterian Hospital – Weill Cornell Medical Center**, New York, NY
Intern, General Surgery

PROFESSIONAL APPOINTMENTS

08/2020-present **Hospital for Special Surgery**, New York, NY
Assistant Attending Orthopaedic Surgeon

08/2021-present **Weill Cornell Medical College**, New York, NY
Assistant Professor of Orthopaedic Surgery

08/2020-08/2021 **Weill Cornell Medical College**, New York, NY
Clinical Instructor, Orthopaedic Surgery

06/2015-06/2019 **Weill Cornell Medical College**, New York, NY
Clinical Associate, Orthopaedic Surgery

CERTIFICATION

07/2022-present American Board of Orthopaedic Surgery (ABOS) – Board Certified

HONORS & AWARDS

2022 American Shoulder and Elbow Surgeons (ASES) Young Scholars Memorial Fellowship Award

2021 Preceptor, NIH T32 AR078751, Combined Engineering and Orthopaedics Training Grant, NIAMS, 2021-2026. PIs: Maher SA, van der Meulen M

2018 AAOS/OREF/ORS Clinician Scholar Career Development Program

2018 Hospital for Special Surgery Thomas Wickiewicz, MD Resident Research Award

2018 American Orthopaedic Association (AOA) C. McCollister Evarts Resident Leadership Forum Nominee

2018 Arthroscopy Association of North America (AANA) Annual Meeting Resident Scholar

2017 Hospital for Special Surgery Surgeon-in-Chief Research Award
“The effect of ulnar fixation position on elbow biomechanics following ulnar collateral ligament reconstruction”

2016 *Orthopedics*, Blue Ribbon Article Award
“Effect of Metabolic Syndrome and Obesity on Complications After Shoulder Arthroplasty”

2015 Knee Society Scientific Award Nominee
“Hypoalbuminemia Is a Better Predictor than Obesity of Complications After Total Knee Arthroplasty”

2013 Vernon W. Lippard, M.D., Medical Student Research Fellowship, Yale University School of Medicine

2013 Editor's Spotlight, *Clinical Orthopaedics and Related Research*
“Longitudinal Urban-Rural Discrepancies in the US Orthopaedic Surgeon Workforce”

2013 Best Clinical Research Paper, Lumbar Spine Research Society Annual Meeting
“Obese Class III Patients at Significantly Greater Risk of Multiple Complications After Lumbar Surgery: An Analysis Of 10,484 Patients in the ACS-NSQIP Database”

2013 Farr Scholar, Yale University School of Medicine
For superior performance as a medical student and excellence in research

2012 Doris Duke Charitable Foundation Clinical Research Fellowship, Yale University School of Medicine

“Isotropic 3D MRI in the Evaluation of Cervical Spine Pathology”

- 2010 American Brain Tumor Association Medical Student Fellowship
- 2009 George Vincent Wendell Memorial Medal, Columbia University School of Engineering and Applied Science
Awarded by choice of the class and the faculty to that member of the graduating class who best exemplifies character, scholarship, and service
- 2009 Robert Edward Reiss Award in Chemical Engineering, Columbia University
- 2009 Senior Marshal, Columbia University
- 2009 King’s Crown Leadership Award, Columbia University
- 2006-2009 New Hope Foundation Scholar, Columbia University
- 2008 Arizona Heart Institute Cardiovascular Summer Fellowship
- 2008-2009 Tau Beta Pi National Engineering Honor Society
- 2007 Heart and Stroke Foundation of Ontario John D. Schultz Science Student Scholarship
- 2006 Laboratory Medicine and Pathobiology Summer Fellowship, University of Toronto
- 2006 Duke of Edinburgh Young Canadians Challenge Gold Award
- 2005 Ontario Scholar
- 2005 J. A. Gilham Prize in Physics, Upper Canada College
- 2001 Toronto Mathematics Olympiad Champion

PROFESSIONAL SOCIETY MEMBERSHIPS

- 2019-present American Shoulder and Elbow Surgeons
- 2017-present Arthroscopy Association of North America
- 2017-present American Orthopaedic Society for Sports Medicine
- 2014-present American Academy of Orthopaedic Surgeons

EDITORIAL & REVIEWER RESPONSIBILITIES

- 2021-present *Seminars in Arthroplasty: JSES*, Reviewer
- 2020-present *Journal of Bone and Joint Surgery*, Reviewer

2020-present	<i>Journal of Shoulder and Elbow Surgery</i> , Reviewer
2020-present	<i>American Journal of Sports Medicine</i> , Reviewer
2020-present	<i>The Bone & Joint Journal</i> , Reviewer
2019-present	<i>Arthroscopy</i> , Editorial Board
2018-present	<i>Arthroscopy</i> , Reviewer
2018-present	<i>HSS Journal</i> , Editorial Board
2016-present	<i>HSS Journal</i> , Reviewer
2018-2019	<i>Orthopedics Today - Grand Rounds</i> , Co-Editor
2017-2019	<i>Journal of Arthroplasty</i> , Reviewer
2016-2019	<i>Spine</i> , Reviewer

COURSE FACULTY

2023	New York Shoulder Arthroplasty Course, New York, NY
2023	Stryker Fellows Capstone Shoulder Arthroplasty Course, Denver, CO
2023	AAOS Annual Meeting AANA/BA Specialty Day – Shoulder Instability Panelist
2022	AANA Wednesday Webinar – Shoulder Instability Panelist
2022	Stryker Fellows Capstone Shoulder Arthroplasty Course, Denver, CO
2021	Hospital for Special Surgery Orthopaedic Surgery Residency Arthroscopy Bootcamp, New York, NY
2020	AOSSM Fellows Course, Rosemont, IL
2020	AANA Fundamentals of Arthroscopy Surgery Training (FAST) program, Rosemont, IL

COMMITTEES

2023-present	New York Shoulder Arthroplasty Course, Planning Committee
2022-present	Hospital for Special Surgery Alumni Committee, Treasurer
2022-present	Hospital for Special Surgery Sports Medicine & Shoulder Research Clinical Review Panel, Member

2021-present	American Shoulder and Elbow Surgeons (ASES) Technology Committee
2021-present	Hospital for Special Surgery Surgeon-in-Chief Grant Review Committee, Member
2016-2019	Hospital for Special Surgery Health Information Committee, Member
2015-2019	Hospital for Special Surgery Library Committee, Member
2017-2019	American Academy of Orthopaedic Surgeons Resident Research Committee, Member
2017	American Academy of Orthopaedic Surgeons Resident Assembly – Resident Education Forum, Delegate

LEADERSHIP & ACTIVITIES

2021-present	Director of Shoulder Research, Sports Medicine Institute, Hospital for Special Surgery, New York, NY
2018	AAOS/OREF/ORS Clinician Scholar Career Development Program, Rosemont, IL
2018	American Orthopaedic Association (AOA) C. McCollister Evarts Resident Leadership Forum, Boston, MA
2017	Hospital for Special Surgery Greenberg Academy for Successful Aging, Program Presenter, New York, NY
2016-2018	New York City Public School Athletic League, Team Physician, New York, NY
2013	Health Volunteers Overseas, Service Mission Member, Orthopaedic Upper Extremity Surgery Mission, <i>Hospital Fernando Velez Paiz</i> , Managua, Nicaragua
2012-2013	HAVEN Free Clinic, Senior Clinical Team Member, Yale University, New Haven, CT
2010-2011	Yale Surgical Interest Group, President, Yale University, New Haven, CT
2010	Medical Outdoor Orientation Trip (MOOT), Co-Director, Yale University School of Medicine, New Haven, CT
2009-2010	HAVEN Free Clinic, Junior Clinical Team Member, Yale University, New Haven, CT
2007-2009	Teaching Assistant, Introduction to Molecular and Cellular Biology, Columbia University, New York, NY
2007-2009	Residential Advisor, Columbia University, New York, NY

ATHLETIC TEAM COVERAGE

2020	National Basketball Association (NBA) All-Star Weekend, Medical Staff, Chicago, IL
------	--

2019-2020	Chicago Bulls (NBA), Assistant Team Physician, Chicago, IL
2019-2020	Chicago White Sox (MLB), Assistant Team Physician, Chicago, IL
2019-2020	DePaul University Men's and Women's Basketball (NCAA Division I, Big East), Team Physician, Chicago, IL
2019-2020	DePaul University Men's and Women's Soccer (NCAA Division I, Big East), Team Physician, Chicago, IL
2016-2018	Kipp Academy Charter School, High School Varsity & JV Football, Bronx, NY

LICENSURE

06/2015-present	New York State License, 280269
09/2020-present	New Jersey State License, 25MA10921000
08-2020-present	Connecticut State License, 66604
12/2018-10/2021	Indiana State License, 01081488A
01/2019-09/2020	Illinois State License, 036.148028

BIBLIOGRAPHY

Peer-Reviewed Publications

1. Nicolay RW, Jahandar A, Retzky JS, Kontaxis A, Verma NN, **Fu MC**. Biomechanical properties of suprapectoral biceps tenodesis with double-anchor knotless luggage tag sutures vs. subpectoral biceps tenodesis with single-anchor whipstitch suture using all-suture anchors. *JSES Int*. [In Press]
2. Cirino CM, Dines DM, **Fu MC**. 3D Printing and Custom Implants in Shoulder Arthroplasty. *Seminars in Arthroplasty: JSES*. [In Press]
3. Kunze KN, Bobko A, Mathew JI, Manzi JE, Nicholson A, Finocchiaro A, Estrada J, Zeitlin J, Meza B, Taylor S, Blaine TA, Warren RF, **Fu MC**, Dines JS, Gulotta LV. A machine learning analysis of patient and imaging factors associated with achieving clinically substantial outcome improvements following total shoulder arthroplasty: Implications for selecting anatomic or reverse prostheses. *Shoulder Elbow*. [In Press]
4. Kew ME, Mathew JI, Wimberly AC, **Fu MC**, Taylor SA, Blaine TA, Carli AV, Dines JS, Dines DM, Gulotta LV. Outcomes after Debridement, Antibiotics, and Implant Retention for Prosthetic Joint Infection in Shoulder Arthroplasty. *J Shoulder Elbow Surg*. [In Press]
5. Manzi JE, Dowling B, Trauger N, Hansen BR, Quan T, Dennis E, **Fu MC**, Dines JS. The Relationship Between Maximum Shoulder Horizontal Abduction and Adduction on Peak Shoulder Kinetics in Professional Pitchers. *Sports Health*. [In Press]

6. Kunze KN, Jang SJ, Li TY, Pareek A, Finocchiaro A, **Fu MC**, Taylor SA, Dines JS, Dines DM, Warren RF, Gulotta LV. Artificial Intelligence for Automated Identification of Total Shoulder Arthroplasty Implants. *J Shoulder Elbow Surg.* [In Press]
7. Polce EM, Vadhera AS, **Fu MC**, Singh H, Haunschild ED, Garrigues GE, Yanke AB, Forsythe B, Cole BJ, Verma NN. Determining the Time Required to Achieve Clinically Significant Outcomes of the PROMIS Upper Extremity Questionnaire after Arthroscopic Rotator Cuff Repair. *Orthop J Sports Med.* [In Press]
8. Brusalis CM, White AE, Finocchiaro A, Dines DM, Dines JS, Kontaxis A, Taylor SA, Gulotta LV, **Fu MC**. What specific activities are patients performing two years after primary reverse total shoulder arthroplasty? *Seminars in Arthroplasty: JSES.* [In Press]
9. Kunze KN, Moran J, Taylor SA, **Fu MC**, Rodeo SA, Warren RF, Dines DM, Gulotta LV, Dines JS. Subacromial Balloon Spacer Implantation for Massive Irreparable Rotator Cuff Tears Is Associated with Restoration of Acromion-Humeral Interval and Glenohumeral Center of Pressure: A Systematic Review and Meta-Analysis of Controlled Laboratory Studies. *Am J Sports Med.* [In Press]
10. Kunze KN, Moran J, Cecere R, Taylor SA, **Fu MC**, Warren RF, Dines DM, Gulotta LV, Dines JS. High Rate of Clinically Meaningful Outcome Achievement After Subacromial Balloon Spacer Implantation for Massive Irreparable Rotator Cuff Tears: A Systematic Review and Meta-Analysis. *Am J Sports Med.* [In Press]
11. Zhu A, Ying X, Carey EG, Pean CA, Premkumar A, **Fu MC**, Taylor SA. Shoulder Arthroplasty Device Clearance: An Ancestral Network Analysis. *J Shoulder Elbow Surg.* 2023 Mar;32(3):671-676. PMID: 36279987
12. Kunze KN, Estrada JA, Apostolakos J, **Fu MC**, Taylor SA, Gulotta LV, Dines DM, Dines JS. Association Between Limited English Language Proficiency and Disparities in Length of Stay and Discharge Disposition After Total Shoulder Arthroplasty: A Retrospective Cohort Study. *HSS J.* 2023 Feb;19(1):85-91. PMID: 36776520
13. Vaswani R, **Fu MC**, Dines JS, Boddapati V, Erickson BJ, LeBus GF, Papaliodis DN, Conway JE, Altchek DW. Hypertrophy of the sublime tubercle in elbow ulnar collateral ligament injuries: A case series of baseball pitchers undergoing UCL reconstruction with short-term follow-up. *JSES Rev Rep Tech.* 2022 Jun 30;2(4):513-519. PMID: 37588466
14. Kunze KN, Krivicich LM, Brusalis C, Taylor SA, Gulotta LV, Dines JS, **Fu MC**. Pathogenesis, Evaluation, and Management of Osteolysis After Total Shoulder Arthroplasty. *Clin Shoulder Elb.* 2022 Sep;25(3):244-254. PMID: 35971608
15. Nicholson AD, Mathew JI, Koch CN, Kontaxis A, Wright TM, Taylor SA, Blaine TA, Dines JS, Dines DM, **Fu MC**, Warren RF, Gulotta LV. Backside Polyethylene Wear in Reverse Shoulder Arthroplasty. *J Shoulder Elbow Surg.* 2022 Mar;31(3):545-552. PMID: 34619352
16. Manzi JE, Dowling B, Wang Z, Kunze KN, Estrada JA, **Fu MC**, McElheny KL, Carr JB, Dines JS. Association of Pitch Timing and Throwing Arm Kinetics in High School and Professional Pitchers. *Am J Sports Med.* 2021 Oct;49(12):3386-3394. PMID: 34406101

17. Manzi JE, Dowling B, Trauger N, **Fu MC**, Hansen BR, Dines JS. The influence of shoulder abduction and external rotation on throwing arm kinetics in professional baseball pitchers. *Shoulder Elbow*. 2022 Jul;14(1 Suppl):90-98. PMID: 35845618
18. Cohn MR, Perry A, Kaplan DJ, DeFroda SF, Singh H, **Fu M**, Verma NN. Arthroscopic Bennett Lesion Resection and Posterior Labral Repair using All-Suture Anchors. *Arthrosc Tech*. 2021 May 24;10(6):e1603-e1608. PMID: 34258210
19. Drager J, Polce EM, **Fu MC**, Nemsick M, Huddleston HP, Forsythe B, Nicholson GP, Cole BJ, Verma NN, Garrigues GE. Patients Undergoing Anatomic Total Shoulder Arthroplasty Achieve Clinically Significant Outcomes Faster than those Undergoing Reverse Shoulder Arthroplasty. *J Shoulder Elbow Surg*. 2021 Nov;30(11):2523-2532. PMID: 33711501
20. Huddleston HP, Mehta N, Polce EM, Williams BT, **Fu MC**, Yanke AB, Verma NN. Complication Rates and Outcomes after Outpatient Shoulder Arthroplasty: A Systematic Review. *JSES Int*. 2021 Jan 16;5(3):413-423. PMID: 34136848
21. Polce EM, Cohn MR, Kunze KN, **Fu MC**, Forsythe B, Nicholson GP, Cole BJ, Verma NN, Garrigues GE. Defining Maximal Outcome Improvement Thresholds for Patient Satisfaction after Reverse Total Shoulder Arthroplasty: A Minimum Two-Year Follow-Up Study. *Seminars in Arthroplasty: JSES*. 2021 Jul;31(2):217-226.
22. Nicholson AD, Carey EG, Mathew JI, Pinnamaneni S, Jahandar A, Kontaxis A, Dines D, Dines J, Blaine T, **Fu M**, Rodeo S, Warren R, Gulotta L, Taylor S. Biomechanical Analysis of Anterior Stability After 15% Glenoid Bone Loss: Comparison of Bankart Repair, Dynamic Anterior Stabilization, Dynamic Anterior Stabilization with Bankart Repair, and Latarjet. *J Shoulder Elbow Surg*. 2022 May 18:S1058-2746(22)00463-3. PMID: 35597534
23. Brusalis CM, Thacher RR, Baral E, Wright TM, Gulotta LV, Dines DM, Warren RF, **Fu MC**, Taylor SA. Tribocorrosion is Common, but Mild in Modular Humeral Components in Shoulder Arthroplasty: An Implant Retrieval Analysis. *JSES Int*. 2022 Feb 14;6(3):401-405. PMID: 35572421
24. Meyers KN, Middleton KK, **Fu MC**, Dines JS. Comparison of a Novel Anatomic Technique and the Docking Technique for Medial Ulnar Collateral Ligament Reconstruction. *Am J Sports Med*. 2022 Mar;50(4):1061-1065. PMID: 35188812
25. Nicholson AD, Apostolakos JM, Mathew J, Blaine TA, Taylor SA, Dines DM, Dines JS, **Fu MC**, Warren RF, Gulotta LV, Kontaxis A. Biomechanical Comparison of Three Latissimus Dorsi Transfer Sites for Reverse Total Shoulder Arthroplasty in the Absence of Teres Minor. *J Shoulder Elbow Surg*. 2022 Jan 17:S1058-2746(22)00131-8. PMID: 35051539
26. Manzi JE, Dowling B, Wang Z, Lamb JR, Fry EG, McElheny KD, **Fu MC**, Dines JS. Joint and Segment Sequencing and Its Relationship to Ball Velocity and Throwing Arm Kinetics In Professional Pitchers. *J Shoulder Elbow Surg*. 2021 Dec 8:S1058-2746(21)00827-2. PMID: 34896252
27. Lavoie-Gagne O, Huddleston HP, **Fu MC**, Mehta N, Nwachukwu B, Forlenza EM, Yanke A, Cole BJ, Verma NN, Forsythe B. PROMIS Upper Extremity Underperforms Psychometrically Relative to American Shoulder and Elbow Surgeons Score in Patients Undergoing Primary Rotator Cuff Repair. *J Shoulder Elbow Surg*. 2021 Nov 16:S1058-2746(21)00801-6. PMID: 34798272

28. Bovonratwet P, Suhardi VJ, Andarawis-Puri N, Ricci WM, **Fu MC**. Outpatient surgical fixation of proximal humerus fractures can be performed without increased rates of short-term complications or readmissions. *J Orthop Trauma*. 2021 Oct 1;35(10):e356-e363. PMID: 33813546
29. Forlenza EM, Wright-Chisem J, Cohn MR, Apostolakos JM, Agarwalla A, **Fu MC**, Taylor SA, Gulotta LV, Dines JS. Arthroscopic distal clavicle excision is associated with fewer postoperative complications than open. *JSES Int*. 2021 Jul 14;5(5):856-862. PMID: 34505096
30. Haunschild ED, Condrón NB, Gilat R, **Fu MC**, Wolfson T, Garrigues GE, Nicholson G, Forsythe B, Verma N, Cole BJ. Establishing clinically significant outcomes of the Patient-Reported Outcomes Measurement Information System Upper Extremity questionnaire after primary reverse total shoulder arthroplasty. *J Shoulder Elbow Surg*. 2021 Oct;30(10):2231-2239. PMID: 33878484
31. Haunschild ED, Gilat R, **Fu MC**, Condrón N, Cole BJ. Biologics in Shoulder and Elbow Pathology. *JSES Reviews, Reports, and Techniques*. 2021 Feb;1(1):1-6.
32. Lu Y, Forlenza E, Wilbur RR, Lavoie-Gagne O, **Fu MC**, Yanke AB, Cole BJ, Verma N, Forsythe B. Machine-learning model successfully predicts patients at risk for prolonged postoperative opioid use following elective knee arthroscopy. *Knee Surg Sports Traumatol Arthrosc*. 2021 Jan 9. [Epub ahead of print] PMID: 33420807
33. Haunschild ED, Gilat R, Lavoie-Gagne O, **Fu MC**, Tauro T, Forsythe B, Cole BJ. Return to Work After Primary Rotator Cuff Repair: A Systematic Review and Meta-Analysis. *Am J Sports Med*. 2021 Jul;49(8):2238-2247. PMID: 33395315
34. Gilat R, Haunschild ED, Williams BT, **Fu MC**, Garrigues GE, Romeo A, Verma N, Cole BJ. Patient Factors Associated with Clinical Failure Following Arthroscopic Superior Capsular Reconstruction. *Arthroscopy*. 2021 Feb;37(2):460-467. PMID: 32998042
35. Polce EM, Kunze KN, **Fu MC**, Garrigues GE, Forsythe B, Nicholson GP, Cole BJ, Verma NN. Development of Supervised Machine Learning Algorithms for Prediction of Satisfaction at Two Years Following Total Shoulder Arthroplasty. *J Shoulder Elbow Surg*. 2021 Jun;30(6):e290-e299. PMID: 33010437
36. Polce EM, Kunze KN, Farivar D, **Fu MC**, Nwachukwu BU, Nho SJ, Chahla J. Orthopedic Randomized Controlled Trials Published in General Medical Journals Are Associated with Higher Altmetric Attention Scores and Social Media Attention. *Arthroscopy*. 2021 Apr;37(4):1261-1270. PMID: 32956804
37. Gilat R, Wong S, Lavoie-Gagne O, Haunschild ED, Knapik DM, **Fu MC**, Chahla J, Forsythe B, Cole BJ. Outcomes are comparable using free bone block autografts versus allografts for the management of anterior shoulder instability with glenoid bone loss: A systematic review and meta-analysis of “The Non-Latarjet”. *Knee Surg Sports Traumatol Arthrosc*. 2021 Jul;29(7):2159-2174. PMID: 32749510
38. Bovonratwet P, Boddapati V, Nwachukwu BU, Bohl DD, **Fu MC**, Nho SJ. Increased Hip Arthroscopy Operative Duration is an Independent Risk Factor for Overnight Hospital Admission. *Knee Surg Sports Traumatol Arthrosc*. 2021 May;29(5):1385-1391. PMID: 32705297
39. Haunschild ED, Gilat R, **Fu MC**, Tauro T, Huddleston HP, Yanke AB, Forsythe B, Verma N, Cole BJ. Establishing the Minimal Clinically Important Difference and Patient Acceptable Symptomatic-State of the PROMIS Upper Extremity Questionnaire after Rotator Cuff Repair. *Am J Sports Med*. 2020 Dec;48(14):3439-3446. PMID: 33104397

40. Gilat R, Haunschild E, Tauro T, **Fu MC**, Romeo A, Verma N, Cole BJ. Distal Tibia Allograft Augmentation for Posterior Shoulder Instability Associated with Glenoid Bony Deficiency: A Case Series. *Arthrosc Sports Med Rehabil*. 2020 Dec 15;2(6):e743-e752. PMID: 33364612
41. **Fu MC**, O'Donnell EA, Taylor SA, Aladesuru OM, Rauck RC, Dines JS, Dines DM, Warren RF, Gulotta LV. Delay to Arthroscopic Rotator Cuff Repair is Associated with Increased Risk of Revision Rotator Cuff Surgery. *Orthopedics*. 2020 Nov 1;43(6):340-344. PMID: 33002182
42. Gilat R, Lavoie-Gagne O, Haunschild ED, Knapik DM, Parvaresh KC, **Fu MC**, Forsythe B, Verma NN, Cole BJ. Outcomes of the Latarjet procedure with minimum 5- and 10-year follow-up: A systematic review. *Shoulder Elbow*. 2020 Oct;12(5):315-329. PMID: 33123221
43. Shah SS, **Fu M**, Ling D, Wong A, Warren RF, Dines DM, Dines JS, Gulotta LV, Taylor S. Evaluation of the comparative impact of age on postoperative clinical outcomes following anatomic total shoulder arthroplasty and reverse total shoulder arthroplasty. *Orthopedics*. 2021 Jul-Aug;44(4):e600-e606. PMID: 34292824
44. Newhouse AC, Wichman DM, **Fu M**, Nho S. Cartilage Preserving Arthroscopic Assisted Radiofrequency Ablation of Periacetabular Osteoid Osteoma in a Young Adult Hip. *Arthrosc Tech*. 2020 Jul;9(7):e1039-e1042. PMID: 32714816
45. Gilat R, Haunschild ED, Lavoie-Gagne OZ, Tauro TM, Knapik DM, **Fu MC**, Cole BJ. Outcomes of the Latarjet Procedure vs. Free Bone Block Procedures for Anterior Shoulder Instability: A Systematic Review and Meta-Analysis. *Am J Sports Med*. 2021 Mar;49(3):805-816. PMID: 32795174
46. O'Donnell EA, **Fu MC**, White A, Taylor SA, Dines JS, Dines DM, Warren RF, Gulotta LV. The Effect of Patient Characteristics and Comorbidities on the Rate of Revision Rotator Cuff Repair. *Arthroscopy*. 2020 Jul 9:S0749-8063(20)30436-9. PMID: 32654928
47. Tauro T, Gifford A, Haunschild E, Gilat R, **Fu MC**, Cole BJ. Cartilage Restoration Using Biocartilage, Platelet-Rich Plasma, and Autologous Cartilage Mixture Sealed with Activated Autologous Serum. *Arthrosc Tech*. 2020 Jun 15;9(6):e847-8857. PMID: 32577362
48. Beck EC, Nwachukwu BU, Jan K, Krivicich, Chahla J, **Fu M**, Nho SJ. The Effect of Postoperative Opioid Prescription Refills on Achieving Meaningful Clinical Outcomes after Hip Arthroscopy for Femoroacetabular Impingement Syndrome. *Arthroscopy*. 2020 Jun;36(6):1599-1607. PMID: 32061972
49. Ondeck NT, **Fu MC**, McLynn RP, Bovonratwet P, Malpani R, Grauer JN. Preoperative Laboratory Testing for Total Hip Arthroplasty: Unnecessary Tests or a Helpful Prognosticator? *J Orthop Sci*. 2019 Oct 24:S0949-2658(19)30314-8. PMID: 31668911
50. Boddapati V, Confino J, **Fu MC**, Duchman KR, Westermann RW, Lynch TS. Increasing Age is Not Independently Associated with Increased 30-Day Morbidity After Hip Arthroscopy. *J Hip Surg*. 2018 Aug;2(3):148-154.
51. Boddapati V, **Fu MC**, Nwachukwu BU, Spiker AM, Camp CL, Williams RJ, Ranawat AS. Procedure Length is Independently Associated with Overnight Hospital Stay and Thirty-Day Readmission Following Anterior Cruciate Ligament Reconstruction: A Propensity-Matched Analysis. *Knee Surg Sports Traumatol Arthrosc*. 2020 Feb;28(2):432-438. PMID: 31338527

52. Bovonratwet P, **Fu MC**, Pathak N, Ondeck NT, Bohl DD, Nho SJ, Grauer JN. Surgical treatment of septic shoulders: A comparison between open arthrotomy and arthroscopy. *Arthroscopy*. 2019 Jul;35(7):1984-1991. PMID: 31196694
53. Beck EC, Kunze KN, Friel NA, Neal WH, **Fu MC**, Giordano BD, Chahla J, Nho SJ. Is there a correlation between outcomes after hip arthroscopy for femoroacetabular impingement syndrome and patient cortical bone thickness? *J Hip Preserv Surg*. 2019 Mar 15;6(1):16-24. PMID: 31069091
54. **Fu MC**, Chang B, Wong AC, Nwachukwu BU, Warren RF, Dines DM, Dines JS, Cordasco FA, Lyman S, Gulotta LV. PROMIS Physical Function Underperforms Psychometrically Relative to American Shoulder and Elbow Surgeons Score in Patients Undergoing Anatomic Total Shoulder Arthroplasty. *J Shoulder Elbow Surg*. 2019 Sep;28(9):1809-1815. PMID: 31010737
55. Erickson B, **Fu M**, Meyers K, Camp C, Altchek D, Coleman S, Dines J. What Part of the Ulnar Footprint of the Medial Ulnar Collateral Ligament of the Elbow Provides the Most Resistance to Valgus Stress? A Biomechanical Study. *Orthop J Sports Med*. 2019 Feb 11;7(2):2325967118825294. PMID: 30800692
56. Gausden EB, Brusalis CM, Qudsi RA, Swarup I, **Fu M**, Dodwell E, Fabricant PD. Efficacy of antifibrinolytics in pediatric orthopedic surgery: A systematic review and meta-analysis. *J Pediatr Orthop B*. 2020 Jan;29(1):97-104. PMID: 30789535
57. Apostolakos J, Boddapati V, **Fu MC**, Erickson BJ, Dines DM, Gulotta LV, Dines JS. Continued Inpatient Care after Primary Total Shoulder Arthroplasty is Associated with Increased Short-Term Post Discharge Morbidity: A Propensity Score-Adjusted Analysis. *Orthopedics*. 2019 Mar 1;42(2)e225-e231. PMID: 30707235
58. Bovonratwet P, **Fu MC**, Tyagi V, Gu A, Sculco PK, Grauer JN. Is Discharge Within a Day of Total Knee Arthroplasty Safe in the Octogenarian Population? *J Arthroplasty*. 2019 Feb;34(2):235-241. PMID 30391051
59. Boddapati V, **Fu MC**, Su EP, Sculco PK, Bini SA, Mayman DJ. Preoperative Corticosteroid Use for Medical Conditions is Associated with Increased Postoperative Infectious Complications and Readmissions After Total Hip Arthroplasty: A Propensity-Matched Study. *Am J Orthop*. 2018 Dec;47(12). PMID 30650172
60. **Fu MC**, Ondeck NT, Nwachukwu BU, Garcia GH, Gulotta LV, Verma NN, Grauer JN. What Associations Exist Between Comorbidity Indices and Postoperative Adverse Events After Total Shoulder Arthroplasty? *Clin Orthop Relat Res*. 2019 Apr;477(4):881-890. PMID: 30614913
61. Camp CL, **Fu MC**, Jahandar H, Desai V, Sinatro AM, Imhauser CW, Altchek DW, Dines JS. The Lateral Collateral Ligament Complex of the Elbow: Quantitative Anatomic Analysis of the Lateral Ulnar Collateral, Radial Collateral, and Annular Ligaments. *J Shoulder Elbow Surg*. 2019 Apr;28(4):665-670. PMID: 30527739
62. Bovonratwet P, **Fu MC**, Adrados M, Ondeck NT, Su EP, Grauer JN. Unlike native hip fractures, delay to periprosthetic hip fracture stabilization does not significantly affect most short-term perioperative outcomes. *J Arthroplasty*. 2019 Mar;34(3):564-569. PMID: 30514642
63. Bovonratwet P, **Fu MC**, Tyagi V, Bohl DD, Ondeck NT, Albert TJ, Grauer JN. Incidence, Risk Factors, and Clinical Implications of Postoperative Hematoma Requiring Reoperation Following Anterior Cervical Discectomy and Fusion. *Spine*. 2019 Apr 15;44(8):543-549. PMID: 30247374

64. Bovonratwet P, **Fu MC**, Tyagi V, Ondeck NT, Albert TJ, Grauer JN. Safety of Outpatient Single-level Cervical Total Disc Replacement: A Propensity-Matched Multi-Institutional Study. *Spine*. 2019 May 1;44(9):E530-E538. PMID:30247372
65. Movassaghi K, Kunze KN, Beck E, **Fu MC**, Nho SJ. Predictors of 5-Year Citation Rate in the Orthopaedic Sports Medicine Literature. *Am J Sports Med*. 2019 Jan;47(1):206-211. PMID: 30481045
66. Nwachukwu BU, Eliasberg CD, Hamid KS, **Fu MC**, Bach BR, Allen AA, Albert TJ. Contingent Valuation Studies in Orthopaedic Surgery: A Health Economic Review. *HSS J*. 2018 Oct;14(3):314-321. PMID: 30258339
67. Lovecchio F, **Fu MC**, Iyer S, Samuel AM, Farmer JC, Albert TJ. Does obesity explain the effect of metabolic syndrome on postoperative complications following elective lumbar fusion? A propensity score-matched analysis. *Global Spine J*. 2018 Oct;8(7):683-689. PMID: 30443477
68. Stepan JG, Lovecchio FC, Premkumar A, **Fu MC**, Sacks HA, Osei DA, Fufa DT. Opioid Prescriber Education and Guidelines for Ambulatory Upper-Extremity Surgery: Evaluation of an Institutional Protocol. *J Hand Surg Am*. 2019 Feb;44(2):129-136. PMID: 30033347.
69. Stepan JG, Boddapati V, Sacks HA, **Fu MC**, Osei DA, Fufa DT. Insulin Dependence is Associated with Increased Risk of Complications after Upper Extremity Surgery in Diabetic Patients. *J Hand Surg Am*. 2018 Aug;43(8):745-754.e4. PMID: 29954628
70. Khormae S, Samuel AM, Schairer WW, Derman PB, McLawhorn AS, **Fu MC**, Albert TJ. Discharge to Inpatient Facilities After Lumbar Fusion is Associated with Increased Postoperative Venous Thromboembolism and Readmissions. *Spine J*. 2019 Mar;19(3):430-436. PMID: 29864544
71. Boddapati V, **Fu MC**, Tetreault MW, Blevins JL, Richardson SS, Su EP. Short-Term Complications After Revision Hip Arthroplasty for Prosthetic Joint Infection are Increased Relative to Non-Infectious Revisions. *J Arthroplasty*. 2018 Sep;33(9):2997-3002. PMID: 29853307
72. Nwachukwu BU, Boddapati V, **Fu MC**, Rebolledo BJ, Ranawat AS, Safran MR. What is the Fate of Scientific Abstracts Presented at the International Society of Hip Arthroscopy Meetings? *J Hip Preserv Surg*. 2018 Mar 12;5(2):157-161. PMID: 29876132
73. Iyer S, Sheha E, **Fu MC**, Varghese JJ, Cunningham ME, Schwab FJ, Albert TJ, Lafage V, Kim HJ. Sagittal Spinal Alignment in Adult Spinal Deformity: An Overview of Current Concepts and a Critical Analysis Review. *JBJS Rev*. 2018 May;6(5):e2. PMID: 29738410
74. **Fu MC**, Boddapati V, Nwachukwu BU, Ranawat AS, Albert TJ, Dines JS. Conflict of Interest Disclosures to The Journal of Bone & Joint Surgery: A Comparison of Author-Reported and Industry-Reported Payments. *J Bone Joint Surg Am*. 2018 Apr 18;100(8):e51. PMID: 29664860
75. Ondeck NT, **Fu MC**, Skrip LA, McLynn RP, Cui JJ, Albert TJ, Grauer JN. Missing Data Treatments Matter: An Analysis of Multiple Imputation for Anterior Cervical Discectomy and Fusion Procedures. *Spine J*. 2018 Apr 9. [Epub ahead of print] PMID: 29649614
76. Boddapati V, Sachdev R, **Fu MC**, Camp CL, Marx RG, Dines JS. Increasing Industry Support is Associated with Higher Research Productivity in Orthopaedic Surgery. *J Bone Joint Surg Am*. 2018 Mar 21;100(6):e36. PMID: 29557872

77. Boddapati V, **Fu MC**, Schairer WW, Gulotta LV, Dines DM, Dines JS. Revision Total Shoulder Arthroplasty is Associated with Increased Postoperative Complications and Wound Infections Relative to Primary Controls. *HSS J*. 2018 Feb;14(1):23-28. Epub 2017 Sep 11. PMID: 29398990
78. Schairer WW, Nwachukwu BU, **Fu MC**, Warren RF. Risk Factors for Short-Term Complications after Rotator Cuff Repair in the United States. *Arthroscopy*. 2018 Apr;34(4):1158-1163. Epub 2017 Dec 11. PMID: 29242096
79. Boddapati V, **Fu MC**, Nwachukwu BU, Ranawat AS, Zhen WY, Dines JS. Accuracy Between AJSM Author-Reported Disclosures and the Centers for Medicare & Medicaid Services Open Payments Database. *Am J Sports Med*. 2018 Mar;46(4):969-976. Epub 2018 Jan 30. PMID: 29382212
80. Ondeck NT, **Fu MC**, Skrip LA, McLynn RP, Su EP, Grauer JN. Treatments of Missing Values in Large National Data Affects Conclusions: The Impact of Multiple Imputation on Arthroplasty Research. *J Arthroplasty*. 2018 Mar;33(3):661-667. Epub 2017 Oct 26. PMID: 29153865
81. Boddapati V, **Fu MC**, Mayman DJ, Su EP, Sculco PK, McLawhorn AS. Revision Total Knee Arthroplasty for Periprosthetic Joint Infection is Associated with Increased Postoperative Morbidity and Mortality Relative to Non-Infectious Revisions. *J Arthroplasty*. 2018 Feb;33(2):521-526. Epub 2017 Sep 23. PMID: 29033158
82. Boddapati V, **Fu MC**, Schairer WW, Ranawat AS, Dines DM, Taylor SA, Dines JS. Increased Shoulder Arthroscopy Time is Associated with Overnight Hospital Stay and Surgical Site Infection. *Arthroscopy*. 2018 Feb;34(2):363-368. Epub 2017 Sep 20. PMID: 28941946
83. **Fu MC**, Hendel MD, Chen X, Warren RF, Dines DM, Gulotta LV. Surgical anatomy of the radial nerve in the deltopectoral approach for revision shoulder arthroplasty and periprosthetic fracture fixation: A cadaveric study. *J Shoulder Elbow Surg*. 2017 Dec;26(12):2173-2176. PMID: 28939334
84. **Fu MC**, Boddapati V, Gausden EB, Samuel AM, Russell LA, Lane JM. Hip fracture surgery within 24 hours of admission is independently associated with reduced short-term postoperative complications. *Bone Joint J*. 2017 Sep;99-B(9): 1216-1222. PMID: 28860403
85. **Fu MC**, Boddapati V, Dines DM, Warren RF, Dines JS, Gulotta LV. The Impact of Insulin Dependence on Short-Term Postoperative Complications in Diabetic Patients Undergoing Total Shoulder Arthroplasty. *J Shoulder Elbow Surg*. 2017 Dec;26(12):2091-2096. PMID: 28739297
86. Samuel AM, **Fu MC**, Anandasivam NS, Webb ML, Lukasiewicz AM, Kim HJ, Grauer JN. After Posterior Fusions for Adult Spinal Deformity, Operative Time is More Predictive of Perioperative Morbidity, Rather than Surgical Invasiveness: A Need for Speed? *Spine*. 2017 Dec 15;42(24):1880-1887. PMID: 28538595
87. **Fu MC**, Samuel AM, Sculco PK, MacLean CH, Padgett DE, McLawhorn AS. Discharge to Inpatient Facilities After Total Hip Arthroplasty Is Associated With Increased Post-Discharge Morbidity. *J Arthroplasty*. 2017 Sep;32(9S):S144-149.e1. PMID: 28455181
88. McLawhorn AS, **Fu MC**, Schairer WW, Sculco PK, MacLean CH, Padgett DE. Continued Inpatient Care After Primary Total Knee Arthroplasty Increases 30-Day Postoperative Complications: A Propensity Score-Adjusted Analysis. *J Arthroplasty*. 2017 Sep;32(9S):S113-S118. PMID: 28285902

89. **Fu MC**, Young K, Cody EA, Schairer WW, Demetracopoulos CA, Ellis SJ. Most readmissions following ankle fracture surgery are unrelated to surgical site issues: An analysis of 5,056 cases. *Foot Ankle Ortho*. 2017 Apr 7;2(2).
90. **Fu MC**, McLawhorn AS, Padgett DE, Cross MB. Hypoalbuminemia Is a Better Predictor than Obesity of Complications After Total Knee Arthroplasty: A Propensity Score-Adjusted Observational Analysis. *HSS J*. 2017 Feb;13(1):66-74. PMID: 28167877
91. **Fu MC**, Gruskay JA, Samuel AM, Sheha ED, Derman PB, Iyer S, Grauer JN, Albert TJ. Outpatient Anterior Cervical Discectomy and Fusion is Associated with Fewer Short-Term Complications in One- and Two-Level Cases: A Propensity-Adjusted Analysis. *Spine*. 2017 Jul 15;42(14):1044-1049. PMID: 28697092
92. **Fu MC**, D'Ambrosia C, McLawhorn AS, Schairer WW, Padgett DE, Cross MB. Malnutrition increases with obesity, and is a stronger independent risk factor for postoperative complications: A propensity-adjusted analysis of total hip arthroplasty patients. *J Arthroplasty*. 2016 Nov;31(11):2415-2421. PMID: 27237966
93. Samuel AM, **Fu MC**, Toy JO, Lukasiewicz AM, Webb ML, Bohl DD, Basques BA, Albert TJ, Grauer JN. Most 30-day readmissions after anterior cervical discectomy and fusion are not due to surgical site-related issues: An analysis of 17,088 patients. *Spine*. 2016 Dec 1;41(23):1801-1807. PMID: 27398892
94. Garcia GH, **Fu MC**, Webb ML, Dines DM, Craig EV, Gulotta LV. Effect of Metabolic Syndrome and Obesity on Early Complications and Length of Stay After Total Shoulder Arthroplasty. *Orthopedics*. 2016 Sep 1;39(5):309-16. PMID: 27220114
95. **Fu MC**, Buerba RA, Grauer JN. Preoperative Nutritional Status as an Adjunct Predictor of Major Postoperative Complications Following Anterior Cervical Discectomy and Fusion. *Clin Spine Surg*. 2016 May;29(4):167-172. PMID: 25310390
96. Iyer S, Lenke LG, Nemani VM, **Fu M**, Shifflett GD, Albert TJ, Sides BA, Metz LN, Cunningham ME, Kim HJ. Variations in Occipitocervical and Cervicothoracic Alignment Parameters based on Age: A Prospective Study of Asymptomatic Volunteers using Full-Body Radiographs. *Spine*. 2016 Dec 1;41(23):1801-1807. PMID: 27116113
97. **Fu MC**, Buerba RA, Neway WE, Brown JE, Trivedi M, Lischuk AW, Haims AH, Grauer JN. Three-Dimensional Isotropic MRI of the Cervical Spine: A Diagnostic Comparison to Conventional MRI. *Clin Spine Surg*. 2016 Mar;29(2):66-71. PMID: 26889989
98. Garcia GH, **Fu MC**, Dines DM, Craig EV, Gulotta LV. Malnutrition: A Marker for Increased Complications, Mortality, and Length of Stay After Total Shoulder Arthroplasty. *J Shoulder Elbow Surg*. 2016 Feb;25(2):193-200. PMID: 26456427
99. **Fu MC**, Webb ML, Buerba RA, Neway WE, Brown JE, Trivedi M, Lischuk AW, Haims AH, Grauer JN. Comparison of Agreement of Cervical Spine Degenerative Pathology Findings in Magnetic Resonance Imaging Studies. *Spine J*. 2016 Jan 1;16(1):42-8. PMID: 26291398
100. Bohl DD, Russo GS, Basques BA, Golinvaux NS, **Fu MC**, Long WD, Grauer JN. Variations in Data Collection Methods Between National Databases Affect Study Results: A Comparison of the Nationwide Inpatient Sample and National Surgical Quality Improvement Program Databases for Lumbar Spine Fusion Procedures. *J Bone Joint Surg Am*. 2014 Dec 3;96(23):e193. PMID: 25471919

101. **Fu MC**, DeLuke L, Buerba RA, Fan RE, Zheng Y, Leslie MP, Baumgaertner MR, Grauer JN. Haptic biofeedback for improving compliance with lower extremity partial weight bearing. *Orthopedics*. 2014 Nov 1;37(11):e993-8. PMID: 25361376
102. Hirsch BP, Webb ML, Bohl DD, **Fu M**, Buerba RA, Gruskay JA, Grauer JN. Improving Upon Visual Estimation of Cervical Spine Range of Motion. *Am J Orthopaedics*. 2014 Nov;43(11):E261-5. PMID: 25379754
103. Buerba RA, Giles E, Webb ML, **Fu MC**, Gvozdyev B, Grauer JN. Increased Risk of Complications After ACDF in the Elderly: An Analysis of 6,253 Patients in the ACS-NSQIP Database. *Spine*. 2014 Dec 1;39(25):2062-9. PMID: 25271519
104. Basques BA, Gardner EC, Varthi AG, **Fu MC**, Bohl DD, Golinvaux NS, Grauer JN. Risk Factors for Short-Term Adverse Events and Readmission After Arthroscopic Meniscectomy: Does Age Matter? *Am J Sports Med*. 2015 Jan;43(1):169-75. PMID: 25294869
105. Golinvaux NS, Bohl DD, Basques BA, **Fu MC**, Gardner EC, Grauer JN. Limitations of Administrative Databases in Spine Research: A Study in Obesity. *Spine J*. 2014 Dec 1;14(12):2923-8. PMID: 24780248
106. **Fu MC**, Buerba RA, Long WD, Blizzard DJ, Lischuk AW, Haims AH, Grauer JN. Inter-rater and Intra-rater Agreement of Magnetic Resonance Imaging Findings in the Lumbar Spine: Significant Variability Across Degenerative Conditions. *Spine J*. 2014 Oct 1;14(10):2442-8. PMID: 24642053
107. Bohl DD, **Fu MC**, Golinvaux NS, Basques BA, Gruskay JA, Grauer JN. The “July Effect” in Primary Total Hip and Knee Arthroplasty: Analysis of 21,434 Cases from the ACS-NSQIP Database. *J Arthroplasty*. 2014 Jul;29(7):1332-8. PMID: 24631125
108. Ruiz FK, **Fu MC**, Bohl DD, Hustedt JW, Baumgaertner MR, Leslie MP, Grauer JN. Patient Compliance with Lower Extremity Touch-Down Weight-Bearing Orders After Surgery at a Level I Academic Trauma Center. *Orthopedics*. 2014 Jun;37(6):e552-6. PMID: 24972436
109. Gruskay J, **Fu M**, Bohl DD, Basques B, Buerba R, Webb ML, Grauer JN. Factors Affecting Length of Stay and Complications Following Elective Anterior Cervical Discectomy and Fusion: A Study of 2,164 Patients from The ACS NSQIP Database. *Clin Spin Surg*. 2016 Feb;29(1):E34-42. PMID: 24525748
110. Buerba RA, **Fu MC**, Grauer JN. Anterior and Posterior Cervical Fusion in Patients with High Body Mass Index Are Not Associated with Greater Complications. *Spine J*. 2014 Aug 1;14(8):1643-53. PMID: 24388595
111. Basques BA, **Fu MC**, Buerba RA, Bohl DD, Golinvaux NS, Grauer JN. Using the ACS-NSQIP to identify factors affecting hospital length of stay after elective posterior lumbar fusion. *Spine*. 2014 Mar 15;39(6):497-502. PMID: 24384669
112. Bohl DD, **Fu MC**, Gruskay JA, Basques BA, Golinvaux NS, Grauer JN. "July Effect" in Elective Spine Surgery: Analysis of the American College of Surgeons National Surgical Quality Improvement Program Database. *Spine*. 2014 Apr 1;39(7):603-11. PMID: 24384663
113. Buerba RA, **Fu MC**, Gruskay JA, Long WD, Grauer JN. Obese Class III Patients at Significantly Greater Risk of Multiple Complications After Lumbar Surgery: An Analysis of 10,387 Patients in the ACS-NSQIP Database. *Spine J*. 2014 Sep 1;14(9):2008-18. PMID: 24316118

114. Gruskay JA, **Fu M**, Bohl DD, Webb ML, Grauer JN. Factors Affecting Length of Stay Following Lumbar Spine Surgery: A Multivariable Analysis. *Spine J*. 2015 Jun 1;15(6):1188-95. PMID: 24184639
115. Buerba R, **Fu MC**, Grauer JN. Discrepancies in Spine Surgeon Conflict of Interest Disclosures between a National Meeting and Physician Payment Listings on Device Manufacturer Websites. *Spine J*. 2013 Dec 1;13(12):1780-8. PMID: 23830826
116. **Fu MC**, Buerba RA, Gruskay J, Grauer JN. Longitudinal Urban-Rural Discrepancies in the US Orthopaedic Surgeon Workforce. *Clin Orthop Relat Res*. 2013 Oct;471(10):3074-81. PMID: 23801063
117. Omay SB, Carrion-Grant GM, Kuzmik GA, **Fu M**, Grant R, Schindler JL, Diluna ML, Duncan CC, Bulsara KR. Decompressive Hemicraniectomy for Ischemic Stroke in the Pediatric Population. *Neurosurg Rev*. 2013 Jan;36(1):21-4. PMID: 22886322
118. **Fu M**, Omay SB, Morgan J, Kelley B, Abbed K, Bulsara KR. Primary Central Nervous System Vasculitis Presenting as Spinal Subdural Hematoma. *World Neurosurg*. 2012 Jul;78(1-2):192.E5-8. PMID: 22120304
119. Zhou J, Patel T, **Fu M**, Bertram J, Saltzman WM. Octa-functional PLGA nanoparticles for targeted and efficient siRNA delivery to tumors. *Biomaterials*. 2012 Jan;33(2):583-91. PMID: 22014944
120. **Fu M**, Patel T, Baehring J, Bulsara KR. Cavernous Carotid Pseudoaneurysm Following Transsphenoidal Surgery. *J Neuroimaging*. 2013 Jul 13;23(3):319-25. PMID: 22243969

Peer-Reviewed Video Publications

1. **Fu MC**, Vadhera A, Verma NN. Ulnar collateral ligament reconstruction. *AOSSM Playbook*. 2020.
2. **Fu MC**, Verma NN. Shoulder Internal Impingement in an Overhead Athlete. *SportsMed Innovate*. 2020.

Non-Peer-Reviewed Publications

1. **Fu MC**, Dines DM. Grand Rounds from HSS: The Management of Glenohumeral Bone Loss in Shoulder Arthroplasty. *HSS J*. 2021 Aug;10(1).
2. Haunschild ED, Gilat R, **Fu MC**, Cole BJ. Five Key Points on Meniscal Allograft Transplantation. *J Orthopedics & Orthopedic Surg*. 2020;1(1):1-5.
3. DeFrancesco CJ, **Fu MC**, Kahlenberg CA, Miller AO, Bostrom MP. Extended Antibiotics Prophylaxis May Be Linked to Lower PJI Rates in High-Risk Patients. *HSS J*. 2019 Oct;15(3):297-301. PMID: 31624486
4. **Fu MC**, Ruzbarsky JJ, Warren RF. A 73-year-old man with acute atraumatic shoulder pain 2 years following reverse total shoulder arthroplasty. *Orthopedics Today Grand Rounds*. 2018 July.
5. **Fu MC**, Nemani VM, Albert TJ. Operative Treatment of Thoracolumbar Burst Fractures: Is Fusion Necessary? *HSS J*. 2015 Jul;11(2):187-9.

6. Grauer JN, **Fu MC**. Editor's Spotlight/Take 5: Longitudinal Urban-Rural Discrepancies in the US Orthopaedic Surgeon Workforce. Interview by Seth S. Leopold. *Clin Orthop Relat Res*. 2013 Oct;471(10):3071-3.
7. **Fu M**, Grauer, JN. Literature Review: Clinical Outcome of Lumbar Total Disc Replacement Using ProDisc-L in Degenerative Disc Disease: Minimum 5-Year Follow-up Results at a Single Institute. *SpineLine*. Nov/Dec 2012; 33-34.

Book Chapters

1. Gilat R, Haunschild E, Tauro T, **Fu M**, Wolfson T, Cole BJ (2021). Arthroscopic Labral Repair: Anterior and Posterior. In Garrigues G (eds.) *Skeletal Trauma of the Upper Extremity*. Elsevier.
2. **Fu MC**, Maheshwar B, Verma NN (2021). Suprascapular Neuropathy. In Freehill M (eds.) *Operative Techniques in Sports Medicine: The Throwing Shoulder*. Amsterdam: Elsevier.
3. **Fu MC**, Rauck RC, Dines JS (2020). Reverse Shoulder Arthroplasty for Acute Proximal Humerus Fractures. In Gardner MJ (eds.) *Master Techniques in Orthopaedic Surgery: Fractures 4th Edition*. Lippincott Williams & Wilkins – Wolters Kluwer Health.
4. Dines DM, **Fu MC** (2018). Case chapter: Total shoulder arthroplasty in a 65 year-old high-demand recreational athlete with refractory severe glenohumeral arthritis: Current concepts in indications, technical considerations and postoperative care. In Sciascia AD & Kibler WB (Eds.) *Mechanics, Pathomechanics and Injury in the Overhead Athlete: A Case-Based Approach to Evaluation, Diagnosis and Management*. New York: Springer.
5. Dines DM, **Fu MC**, Dines JS (2018). Superior Capsular Reconstruction in Massive Rotator Cuff Tear. In Valenti P (Eds.) *Tendon Transfer for Irreparable Rotator Cuff Tear 2nd Edition*. New York: Springer.
6. Dines DM, **Fu MC**, Dines JS (2018). Superior Capsular Reconstruction. In Srikumaran U (Eds.) *Video Atlas of Arthroscopic Rotator Cuff Repair*. New York: Thieme.
7. **Fu MC**, Ellenbecker TS, Renstrom PA, Windler GS, Dines DM (2018). Epidemiology of Injuries in Tennis Players. In Dines JS & Camp CL (Eds.) *Current Reviews in Musculoskeletal Medicine: Evaluation and Treatment of Common Injuries in the Overhead Athlete*. Springer Nature. PMID: 29340975
8. **Fu MC**, Camp CL, Altchek DW (2017). Medial Collateral Ligament Tears: Surgical Indications and Reconstruction Technique. In Field LD & Savoie FH (Eds.) *Operative Techniques in Sports Medicine: Elbow Sports Injuries and Management*. Amsterdam: Elsevier.
9. **Fu MC**, Buerba RA, Haynes NG, Gust TD, Arnold PM, Grauer, JN (2014). Occipital fixation techniques. In Vaccaro AR & Albert TJ (Eds.) *Spine Surgery: Tricks of the Trade, 3rd Edition*. New York: Thieme.
10. Buerba RA, **Fu MC**, Bridwell KH, Grauer, JN (2014). Anterior spinal anchor strategy for deformity: placement and rod reduction techniques. In Vaccaro AR & Albert TJ (Eds.) *Spine Surgery: Tricks of the Trade, 3rd Edition*. New York: Thieme.
11. Buerba RA, **Fu MC**, Chin KR, Grauer, JN (2014). Transpedicular decompression. In Vaccaro AR & Albert TJ (Eds.) *Spine Surgery: Tricks of the Trade, 3rd Edition*. New York: Thieme.

Scientific Exhibits

1. Iyer S, Sheha E, **Fu MC**, Varghese JJ, Cunningham ME, Schwab FJ, Albert TJ, Lafage V, Kim HJ. Sagittal Spinal Alignment in Adult Spinal Deformity: An Overview of Current Concepts. American Academy of Orthopaedic Surgeons Annual Meeting. March 14-18, 2017.

Research Presentations

1. Lu AZ, Mazzucco M, Pareek A, **Fu MC**, Dines DM, Warren RF, Gulotta LV, Dines JS, Kunze KN. Can ChatGPT-4 Be Used to Answer Patient Questions Concerning the Latarjet Procedure for Anterior Shoulder Instability?
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco, CA. February 12-16, 2024. (Poster Presentation)
2. Mazzucco M, Lu AZ, Pareek A, **Fu MC**, Dines DM, Warren RF, Gulotta LV, Dines JS, Kunze KN. Performance of ChatGPT-4 for Providing Patients with Medical Information Regarding Total Shoulder Arthroplasty: A Benchmark Analysis Against Google Web Search.
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco, CA. February 12-16, 2024. (Poster Presentation)
3. Jahandar A, Fury M, Cirino C, Kontaxis A, Gulotta L, Dines D, Dines J, **Fu M**, Blaine T, Taylor S. Biomechanical Assessment of Anterior Stability and Glenoid Concavity Restoration Between Distal Tibia Allograft Reconstruction and the Latarjet Procedure.
 - *Orthopaedic Research Society Annual Meeting*, Long Beach, CA. February 2-6, 2024. (Poster Presentation)
4. Jahandar A, Cirino C, Fury M, Gulotta L, Dines D, Dines J, **Fu M**, Blaine T, Taylor S, Kontaxis A. Capsular Repair Location Significantly Affects Humeral Head Centering and Maximal Anterior Translation after Distal Tibia Allograft Reconstruction in a Glenoid Bone Loss Model.
 - *Orthopaedic Research Society Annual Meeting*, Long Beach, CA. February 2-6, 2024. (Poster Presentation)
5. Hutchinson ID, Posner AD, Matthew JI, Zanos GS, Das S, Dines DM, Dines JS, **Fu MC**, Taylor SA, Zimmerman JP, Gulotta LV. The Effect of Pretreatment for Cutibacterium Acnes on Surgical Site Burden in Shoulder Arthroplasty: A Randomized Controlled Trial.
 - *American Shoulder and Elbow Surgeons Annual Meeting*, Scottsdale, AZ. October 3-7, 2023. (Podium Presentation)
6. Kunze KN, Jang SJ, Li T, Finocchiaro A, **Fu MC**, Rodeo SA, Cordasco F, Blaine TA, Williams RJ, Altcheck DW, Fealy S, Mark RG, Taylor SA, Dines JS, Dines DM, Warren RF, Gulotta LV. Artificial Intelligence for Automated Identification of Total Shoulder Arthroplasty Implants on Plain Radiographs.
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas, NV. March 7-11, 2023. (Poster Presentation)
7. Jahandar A, Nicolay R, Retzky J, Kontaxis A, **Fu M**. Biomechanical Properties Of Suprpectoral Biceps Tenodesis With Two Luggage Tag Sutures Versus Subpectoral Biceps Tenodesis With One Whipstitched Suture Using All-suture Anchors.

- *Orthopaedic Research Society Annual Meeting*, Dallas, TX. February 10-14, 2023. (Poster Presentation)
- 8. Bobko A, Kontaxis A, Jahandar A, Gulotta LV, Dines DM, **Fu MC**, Warren RF, Nicholson A, Taylor SA, Blaine TA. Latissimus Dorsi Tendon Transfer And Reverse Shoulder Arthroplasty: Restoring Mechanical Advantage By Transfer Posterior To The Long Head Of The Triceps Tendon.
 - *Orthopaedic Research Society Annual Meeting*, Dallas, TX. February 10-14, 2023. (Poster Presentation)
 - *American Shoulder and Elbow Surgeons Annual Meeting*, Scottsdale, AZ. October 3-7, 2023. (Podium Presentation)
- 9. Nicholson AD, Jahandar A, Kontaxis A, Dines DM, Carey EG, Dines JS, Gulotta LV, **Fu M**, Warren RF, Taylor SA, Rodeo SA, Pinnamaneni S, Blaine TA. “Biomechanical Analysis of Anterior Instability After 15% Glenoid Bone Loss – Comparison of Latarjet, Long Head Biceps Transfer, and Bankart Repair.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting ASES Specialty Day*, Chicago, IL. March 26, 2022. (Podium Presentation)
- 10. Lavoie-Gagne O, Huddleston HP, **Fu MC**, Mehta N, Nwachukwu BN, Forlenza E, Yanke A, Cole BJ, Verma NN, Forsythe B. “PROMIS Upper Extremity underperforms psychometrically relative to American Shoulder and Elbow Surgeons score in patients undergoing primary rotator cuff repair.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA. August 31-September 4, 2021. (Podium Presentation)
- 11. Drager J, Polce EM, **Fu MC**, Huddleston HP, Williams BT, Garrigues GE, Forsythe B, Nicholson GP, Cole BJ, Verma NN. “Defining the Time Required to Achieve Clinically Significant Outcome Improvement after Total Shoulder Arthroplasty.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA. August 31-September 4, 2021. (Podium Presentation)
- 12. Haunschild ED, Gilat R, **Fu MC**, Tauro T, Romeo A, Yanke AB, Cole BJ. “Long-Term Outcomes and Survivorship of Osteochondral Allograft Transplantation to the Humeral Head.”
 - *AOSSM-AANA Combined Annual Meeting*. Nashville, TN. July 7-11, 2021. (Poster Presentation)
 - *American Shoulder and Elbow Surgeons Annual Meeting*, Virtual Meeting. October 2-3, 2020. (E-Poster Presentation)
- 13. **Fu MC**, Haunschild ED, Gilat R, Tauro T, Huddleston H, Wolfson T, Forsythe B, Verma NN, Garrigues G, Nicholson G, Cole BJ. “Defining Clinically Significant Outcomes for the PROMIS Upper Extremity Questionnaire After Primary Total Shoulder Arthroplasty.”
 - *American Shoulder and Elbow Surgeons Fellows Symposium*, Virtual Meeting. June 20, 2020. (E-Presentation)
- 14. Beck EC, Nwachukwu BU, Jan K, Krivicich LM, Chahla J, Fu MC, Nho SJ. “Prevalence and Effect of Prolonged Postoperative Opioid Use and 2-year Outcomes After FAIS Surgery.”
 - *Southern Orthopedic Association Annual Meeting*, White Sulphur Springs, WV. July 22-25, 2020. (E-Presentation)
- 15. Hurwit D, Chan J, **Fu M**, Apostolakos J, Fealy S, Cordasco F, Dines D, Gulotta L, Dines J. “Clinical Outcomes following Arthroscopic Shoulder Superior Capsular Reconstruction.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, FL. March 24-28, 2020. (Podium Presentation)

16. Bovonratwet P, Suhardi J, Andarawis-Puri N, Ricci WM, **Fu MC**. “Outpatient Surgical Fixation of Proximal Humerus Fractures can be Performed Without Increased Rates of Short-term Complications or Readmissions.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, FL. March 24-28, 2020. (Podium Presentation)
17. Shah S, **Fu M**, Ling D, Wong A, Dines D, Dines J, Gulotta L, Taylor S. “Evaluation of the Comparative Impact of Age on Postoperative Clinical Outcomes following Anatomic Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, FL. March 24-28, 2020. (Poster Presentation)
18. Wright-Chisem J, **Fu MC**, Boddapati V, O’Donnell EA, Garcia GH, Levine WN, Cole BJ, Verma NN, Dines JS. “Open Versus Arthroscopic Biceps Tenodesis: A Comparison of Postoperative Complications and Overnight Hospital Stay.”
 - *International Congress of Shoulder and Elbow Surgery*, Buenos Aires, Argentina. September 17-20, 2019. (Podium Presentation)
19. **Fu M**, O’Donnell EA, Schairer W, Taylor S, Dines J, Dines D, Warren R, Gulotta L. “Delay to Arthroscopic Rotator Cuff Repair is Associated with Increased Risk of Revision Rotator Cuff Surgery.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas, NV. March 12-16, 2019. (Podium Presentation)
 - *Eastern Orthopaedic Association Annual Meeting*, Amelia Island, FL. October 17-20, 2018 (Podium)
20. O’Donnell EA, **Fu M**, Schairer W, Taylor S, Dines J, Dines D, Warren R, Gulotta L. “Do Patient Characteristics Implicated by Basic Science Predict Rotator Cuff Repair Revision Surgery?”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas, NV. March 12-16, 2019. (Podium Presentation)
21. Boddapati V, **Fu M**, Ahmad C, Jobin C, Levine W. “What is the Effect of Age on Short-Term Postoperative Complications Following Rotator Cuff Repair?”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas, NV. March 12-16, 2019. (Podium Presentation)
22. Boddapati V, Rao A, **Fu M**, Levine W, Jobin C. “Shoulder Arthroplasty for Proximal Humerus Fracture is Associated with Increased Postoperative Complications and Hospital Burden.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas, NV. March 12-16, 2019. (Podium Presentation)
23. **Fu MC**, Ondeck NT, Nwachukwu BU, Garcia GH, Gulotta LV, Verma NN, Grauer JN. “Risk Prediction for Complications Following Total Shoulder Arthroplasty: Comparison of Receiver Operating Characteristics for Demographic and Comorbidity Indices.”
 - *Eastern Orthopaedic Association Annual Meeting*, Amelia Island, FL. October 17-20, 2018 (Podium)
24. **Fu MC**, Dines JS, Boddapati V, Erickson BJ, LeBus GF, Papaliodis DN, Conway JE, Altchek DW. “Hypertrophic sublime tubercle in elbow ulnar collateral ligament injuries.”

- *Eastern Orthopaedic Association Annual Meeting*, Amelia Island, FL. October 17-20, 2018 (Podium)
- 25. Apostolakos JM, Boddapati V, **Fu MC**, Dines DM, Gulotta LV, Dines JS. “Continued Inpatient Care after Primary Total Shoulder Arthroplasty is Associated with Increased Short-Term Post Discharge Morbidity: A Propensity Score-Adjusted Analysis.”
 - *Eastern Orthopaedic Association Annual Meeting*, Amelia Island, FL. October 17-20, 2018 (Podium)
- 26. O’Donnell EA, **Fu MC**, Schairer WW, Dines JS, Dines DM, Warren RF, Gulotta LV. “Five-Year Rate of Conversion from Rotator Cuff Repair to Reverse Total Shoulder Arthroplasty.”
 - *Eastern Orthopaedic Association Annual Meeting*, Amelia Island, FL. October 17-20, 2018 (Podium)
- 27. **Fu MC**, Boddapati V, Nwachukwu BU, Nho SJ. “Increased Hip Arthroscopy Operative Duration is Not Associated with Short-Term Postoperative Complications.”
 - *International Society for Hip Arthroscopy Annual Meeting*, Melbourne, Australia. October 4-6, 2018 (ePoster Presentation)
 - *Arthroscopy Association of North America Annual Meeting*, Orlando, FL. May 2-4, 2019. (ePoster Presentation)
- 28. Stepan JG, **Fu MC**, Lovecchio FC, Premkumar A, Nawabi DH, Ranawat AS, Kelly BT. “Narcotics Prescribing Education Program and Standardized Service Guidelines Decrease Postoperative Opioid Prescribing after Hip Arthroscopy.”
 - *International Society for Hip Arthroscopy Annual Meeting*, Melbourne, Australia. October 4-6, 2018 (ePoster Presentation)
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas, NV. March 12-16, 2019. (Podium Presentation)
- 29. **Fu MC**, Stepan JG, Schairer WW, Lovecchio FC, Premkumar A, Taylor SA, Dines JS, Gulotta LV. “The Impact of a Narcotics Prescribing Education Program and Standardized Service Guidelines on Postoperative Opioid Prescribing Practices after Shoulder Surgery.”
 - *Arthroscopy Association of North America Annual Meeting*, Chicago, IL. April 26-28, 2018 (ePoster Presentation)
- 30. **Fu MC**, Hendel MD, Chen X, Warren RF, Dines DM, Gulotta LV. “Surgical anatomy of the radial nerve in the deltopectoral approach for revision shoulder arthroplasty and periprosthetic fracture fixation: A cadaveric study.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA. March 6-10, 2018 (Podium Presentation)
- 31. Stepan JG, **Fu MC**, Lovecchio FC, Premkumar A, Grimaldi P, Derman PB, Taylor SA, Ranawat AS. “Narcotic Prescribing Education Program and Standardized Service Guidelines Change Prescribing Practices after Arthroscopic Knee Surgery.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA. March 6-10, 2018 (Podium Presentation)
- 32. Schairer WW, Nwachukwu BU, **Fu MC**, Gulotta LV, Taylor SA, Dines DM, Dines JS. “Longer Preoperative Opioid Use Results in Increased Rates of Chronic Opioid Use After Total Shoulder Arthroplasty.”

- *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA. March 6-10, 2018 (Poster Presentation)
- 33. Ondeck NT, **Fu MC**, Skrip LA, McLynn RP, Cui JJ, Basques BA, Albert TJ, Grauer JN. “Missing Data Treatments Matter: An Analysis of Multiple Imputation for Anterior Cervical Discectomy and Fusion Procedures.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA. March 6-10, 2018 (Poster Presentation)
 - *American Orthopaedic Association Annual Meeting*, Boston, MA. June 27-30, 2018 (Poster Presentation)
- 34. Boddapati V, **Fu MC**, McLawhorn AS, Su EP. “Revision Total Knee Arthroplasty for Periprosthetic Joint Infection is Associated with Increased Postoperative Morbidity and Mortality than Non-Infectious Revisions.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA. March 6-10, 2018 (Poster Presentation)
- 35. Stepan JG, Boddapati V, Sacks HA, **Fu MC**, Osei DA, Fufa DT. “Insulin Dependent Diabetic Patients at Increased Risk of Complications after Upper Extremity Surgery.”
 - *American Association for Hand Surgery Annual Meeting*, Fajardo, Puerto Rico. January 10-13, 2018 (Poster Presentation)
- 36. Stepan JG, Lovecchio FC, Premkumar A, **Fu MC**, Sacks HA, Fufa DT, Osei DA. “Opioid Prescriber Education and Guidelines Decreases Opioids Prescribed after Ambulatory Hand Surgery.”
 - *American Association for Hand Surgery Annual Meeting*, Fajardo, Puerto Rico. January 10-13, 2018 (Podium Presentation)
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA. March 6-10, 2018 (Podium Presentation)
- 37. **Fu MC**, McLawhorn AS, Schairer WW, Padgett DE, Cross MB. “Malnutrition increases with obesity, and is a stronger independent risk factor for postoperative complications: A propensity-adjusted analysis of total hip arthroplasty patients.”
 - *OREF/ORS Northeast Region Resident Research Symposium*, Boston, MA. October 24, 2017 (Podium Presentation)
- 38. Nwachukwu BU, Boddapati V, **Fu MC**, Rebolledo B, Ranawat AS, Safran M. “What is the Fate of Scientific Abstracts Presented at the International Society for Hip Arthroscopy Meetings?”
 - *International Society for Hip Arthroscopy Annual Meeting*, Santiago, Chile. October 12-14, 2017 (Poster Presentation)
- 39. Samuel AM, **Fu M**, Schairer W, Derman P, McLawhorn A, Albert TJ. “Continued inpatient care after posterior lumbar fusion is associated with increased post-discharge complications: A propensity-adjusted analysis.”
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL. April 6-7, 2017 (Electronic Poster Presentation)
- 40. Lovecchio F, **Fu M**, Iyer S, Albert TJ. “Metabolic syndrome is associated with increased wound complications and urinary tract infections after lumbar fusion: A propensity score-matched analysis.”
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL. April 6-7, 2017 (Electronic Poster Presentation)

41. **Fu MC**, Gausden EB, Samuel AM, Lane JM. “Hip Fracture Surgery Within 24 Hours Is Independently Associated With Reduced Short-Term Postoperative Complications: A Propensity-Adjusted Analysis.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA. March 14-18, 2017 (Podium Presentation)
42. **Fu MC**, Samuel AM, Sculco PK, MacLean CH, Padgett DE, McLawhorn AS. “Discharge to Continued Inpatient Care After Total Hip Arthroplasty Is Associated With Increased Post-Discharge Morbidity: A Propensity-Adjusted Cohort Study.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA. March 14-18, 2017 (Podium Presentation)
 - *American Association of Hip and Knee Surgeon Annual Meeting*, Dallas, TX. November 10-13, 2016 (Poster Presentation)
43. McLawhorn AS, **Fu MC**, Schairer WW, Sculco P, Maclean C, Padgett DE. “Continued Inpatient Care After Primary TKA Increases 30-Day Post-Discharge Complications: A Propensity Score-Adjusted Analysis.”
 - *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA. March 14-18, 2017 (Podium Presentation)
 - *American Association of Hip and Knee Surgeon Annual Meeting*, Dallas, TX. November 10-13, 2016 (Podium Presentation)
44. **Fu MC**, Schairer WW, Demetracopoulos CA, Ellis SJ. “Most readmissions following ankle open reduction internal fixation are unrelated to surgical site issues: An analysis of 5,056 cases.”
 - *American Orthopaedic Foot & Ankle Society Annual Meeting*, Toronto, Canada. July 20-23, 2016 (ePoster Presentation)
45. Garcia GH, **Fu MC**, Warren R, Craig E, Gulotta L. “Malnutrition: A Marker for Increased Complications, Mortality, and Length of Stay After Total Shoulder Arthroplasty.”
 - *European Society of Sports Traumatology and Knee Surgery Arthroscopy Congress*, Barcelona, Spain. May 4-7, 2016 (Poster Presentation)
46. Samuel AM, **Fu MC**, Anandasivam NS, Lukasiewicz AM, Webb ML, Kim HJ, Grauer JN. “Surgical Timing, and not Surgical Invasiveness, is Predictive of Perioperative Outcomes After Long Posterior Fusions for Adult Spinal Deformity: A Need for Speed?”
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL. April 14-15, 2016 (Podium Presentation)
47. **Fu MC**, Samuel AM, Sheha ED, Derman PD, Iyer S, Grauer JN, Kim HJ. “Outpatient Procedures Reduce Short-Term Complications in One- and Two-Level Anterior Cervical Discectomy and Fusion: A Propensity-Adjusted Analysis of 14,434 Patients.”
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Las Vegas, NV. April 6-8, 2016 (Podium Presentation)
48. Samuel AM, **Fu MC**, Anandasivam NS, Lukasiewicz AM, Webb ML, Kim HJ, Grauer JN. “Operative time better predictor of perioperative outcomes after long posterior fusions for adult spinal deformity than other surgical variables.”
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Las Vegas, NV. April 6-8, 2016 (Podium Presentation)

49. Samuel AM, Toy JO, **Fu MC**, Lukasiewicz AM, Webb ML, Bohl DD, Basques BA, Grauer JN. "Most 30-day readmissions after anterior cervical discectomy and fusion are not due to surgical site-related issues: An analysis of 10,006 patients."
 - *Cervical Spine Research Society Annual Meeting*, San Diego, CA. December 3-5, 2015 (Podium Presentation)
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Las Vegas, NV. April 6-8, 2016 (Podium Presentation)
50. Samuel AM, Diaz-Collado PJ, **Fu MC**, Lukasiewicz AM, Webb ML, Bohl DD, Basques BA, Grauer JN. "Hospital-acquired pneumonia occurs in 20.5% of cervical spinal cord injury patients and is associated with poor inpatient outcomes: An analysis of 5,198 patients in the National Trauma Data Bank."
 - *Cervical Spine Research Society Annual Meeting*, San Diego, CA. December 3-5, 2015 (Poster Presentation)
51. Iyer S, Lenke LG, Nemani VM, **Fu M**, Shifflett GD, Albert TJ, Sides BA, Metz LN, Cunningham ME, Kim HJ. "Variations in Sagittal Alignment Parameters Based on Age: A Prospective Study of Normal Patients using EOS Imaging."
 - *Cervical Spine Research Society Annual Meeting*, San Diego, CA. December 3-5, 2015 (Podium Presentation)
52. Golinvaux NS, Bohl DD, Basques BA, **Fu MC**, Gardner EC, Grauer JN. "Limitations of Administrative Databases in Spine Research: A Study in Obesity."
 - *North American Spine Society Annual Meeting*, San Francisco, CA. November 12-15, 2014 (Podium Presentation)
53. Bohl DD, Russo GS, Basques BA, Golinvaux NS, **Fu MC**, Long WD, Grauer JN. Do Two Commonly Used National Databases Give Similar Results for Studies of Lumbar Fusion Procedures?
 - *North American Spine Society Annual Meeting*, San Francisco, CA. November 12-15, 2014 (Poster Presentation)
54. **Fu MC**, DeLuke L, Zheng Y, Fan R, Buerba RA, Leslie MP, Baumgaertner MR, Grauer JN. "Haptic Biofeedback Improves Compliance with Lower Extremity Partial Weight Bearing: A Novel Training System and Initial Evaluation."
 - *American Orthopaedic Association/Canadian Orthopaedic Association Combined Meeting*, Montreal, Canada. June 18-21, 2014 (Podium Presentation)
55. **Fu MC**, Buerba RA, Grauer JN. "Preoperative Nutritional Status Is an Independent Predictor of Major Postoperative Complications Following Anterior Cervical Discectomy and Fusion."
 - *American Orthopaedic Association/Canadian Orthopaedic Association Combined Meeting*, Montreal, Canada. June 18-21, 2014 (Podium Presentation)
56. Bohl DD, **Fu MC**, Gruskay JA, Basques BA, Golinvaux NS, Grauer JN. "The "July effect" in elective spine surgery: Analysis of the American College of Surgeons National Surgical Quality Improvement Program database."
 - *American Orthopaedic Association/Canadian Orthopaedic Association Combined Meeting*, Montreal, Canada. June 18-21, 2014 (Podium Presentation)
57. Bohl DD, **Fu MC**, Golinvaux NS, Basques BA, Russo GS, Grauer JN. "A comparison of demographics and adverse event rates for lumbar fusion procedures between the National Inpatient Sample and the National Surgical Quality Improvement Program database."

- *American Orthopaedic Association/Canadian Orthopaedic Association Combined Meeting*, Montreal, Canada. June 18-21, 2014 (Podium Presentation)
- 58. Basques BA, **Fu MC**, Buerba RA, Bohl DD, Golinvaux NS, Grauer JN. "Risk factors for extended length of stay following elective posterior lumbar fusion."
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL, May 1-2, 2014 (Poster Presentation)
 - *American Orthopaedic Association/Canadian Orthopaedic Association Combined Meeting*, Montreal, Canada. June 18-21, 2014 (Poster Presentation)
- 59. Bohl DD, Russo GS, Basques BA, Golinvaux NS, **Fu MC**, Long WD III, Grauer JN. "Results of Database Studies Vary Depending on the Database Used: A Study of the Inter-database Reliability of NIS and NSQIP for Lumbar Fusion Procedures."
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL. May 1-2, 2014 (Poster Presentation)
- 60. Golinvaux NS, Bohl DD, Basques BA, **Fu MC**, Gardner EC, Grauer JN. "Are Administrative Databases Valid for Use in Academic Research? A Study in Obesity."
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL. May 1-2, 2014 (Podium Presentation)
- 61. **Fu MC**, Buerba RA, Neway WE, Brown JE, Trivedi M, Lischuk AW, Haims AH, Grauer JN. "Magnetic Resonance Imaging of the Cervical Spine: Significant Variability in Inter-rater and Intra-rater Reliability Across Degenerative Conditions."
 - *Cervical Spine Research Society Annual Meeting*, Los Angeles, CA, December 5-7, 2013 (Poster Presentation)
- 62. Buerba RA, **Fu MC**, Grauer JN. "Anterior and Posterior Cervical Fusion in Patients with High Body Mass Index Are Not Associated with Greater Complications: An Analysis of 4,071 Patients in the ACS-NSQIP Database."
 - *Cervical Spine Research Society Annual Meeting*, Los Angeles, CA, December 5-7, 2013 (Podium Presentation)
- 63. Buerba RA, **Fu MC**, Grauer JN. "Increased Risk of Complications after ACDF in the Elderly: An Analysis of 3,671 Patients in the ACS-NSQIP Database."
 - *Cervical Spine Research Society Annual Meeting*, Los Angeles, CA, December 5-7, 2013 (Podium Presentation)
- 64. DeLuke L, Zheng J, Fan RE, **Fu MC**, Grauer JN, Morrell JB. "Design and Evaluation of Partial Weight-Bearing Sensor and Haptic Feedback System for Lower-Extremity Orthopedic Patients."
 - *Institute of Electrical and Electronics Engineers International Conference on Systems, Man, and Cybernetics*, Manchester, United Kingdom, October 13-16, 2013 (Conference Paper)
- 65. Gruskay J, **Fu M**, Buerba R, Basques B, Bohl D, Webb M, Grauer JN. "Complications and Length of Stay Following Elective Anterior Cervical Discectomy and Fusion: A NSQIP Database Study."
 - *North American Spine Society Annual Meeting*, New Orleans, LA, October 9-12, 2013 (Poster Presentation)
- 66. Buerba R, **Fu M**, Gruskay J, Long WD, Grauer JN. "Anterior and Posterior Cervical Fusion in Patients with High Body Mass Index Appear Safe Overall: An Analysis of 4,071 Patients in the ACS-NSQIP Database."

- *North American Spine Society Annual Meeting*, New Orleans, LA, October 9-12, 2013 (Poster Presentation)
- 67. **Fu MC**, Buerba RA, Neway WE, Brown JE, Trivedi M, Lischuk AW, Haims AH, Grauer JN. "Three-Dimensional Isotropic MRI of the Cervical Spine: A Diagnostic Comparison to Conventional MRI."
 - *Doris Duke Charitable Foundation Clinical Research Fellowship Meeting*, Herndon, VA, May 28-30, 2013 (Poster Presentation)
 - *Yale University School of Medicine Student Research Day*, New Haven, CT, May 7, 2013 (Poster Presentation)
- 68. **Fu M**, Buerba R, Long WD, Blizzard DJ, Lischuk AW, Haims AH, Grauer JN. "Interobserver and Intraobserver Reliability of Magnetic Resonance Imaging in Lumbar Spine Pathology."
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL, April 11-12, 2013 (Podium Presentation)
 - *Yale Center for Clinical Investigation Scholar Day*, New Haven, CT, March 1, 2013 (Poster Presentation)
- 69. Buerba RA, **Fu M**, Long WD, Grauer JN. "Obese Class III Patients at Significantly Greater Risk of Multiple Complications After Lumbar Surgery: An Analysis Of 10,484 Patients in the ACS-NSQIP Database."
 - *North American Spine Society*, New Orleans, LA, October 9-12, 2013 (Podium Presentation)
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL, April 11-12, 2013 (Podium Presentation)
- 70. Webb ML, Ruiz F, Gruskay JA, Buerba R, **Fu M**, Whang PG, Grauer JN. "Lasting Improvement of Visual Estimation of Lumbar Spine Range of Motion After One Training Session."
 - *Lumbar Spine Research Society Annual Meeting*, Chicago, IL, April 11-12, 2013 (Poster Presentation)
- 71. **Fu M**, Buerba R, Gruskay J, Grauer JN. "Orthopedic Surgeons in Rural Areas are Aging and Not Increasing in Pace with Total Physicians: A 15-Year Longitudinal Workforce Analysis."
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Vancouver, Canada, April 3-5, 2013. (Poster Presentation)
 - *American Medical Association Research Symposium*, Honolulu, HI, November 9, 2012. (Poster Presentation)
- 72. Buerba R, **Fu M**, Grauer JN. "Discrepancies in Spine Surgeon Conflict of Interest Disclosures at the 2011 NASS Annual Meeting and Physician Payment Listings on Device Manufacturer Websites."
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Vancouver, Canada, April 3-5, 2013. (Podium Presentation)
 - *North American Spine Society Evidence and Technology Spine Summit*, Park City, UT, February 28-March 2, 2013. (e-Poster Presentation)
- 73. Gruskay J, **Fu M**, Bohl D, Webb ML, Grauer JN. "Factors Affecting Length of Stay Following Elective Posterior Lumbar Fusion: A Multivariable Analysis."
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Vancouver, Canada, April 3-5, 2013. (Oral Poster Presentation)
 - *North American Spine Society Evidence and Technology Spine Summit*, Park City, UT, February 28-March 2, 2013. (e-Poster Presentation)

74. Webb ML, Ruiz FK, Gruskay JA, Buerba R, **Fu M**, Whang PG, Grauer JN. "Visual Estimation of Cervical Spine Range of Motion Can Be Improved with Training."
 - *International Society for the Advancement of Spine Surgery Annual Meeting*, Vancouver, Canada, April 3-5, 2013. (Poster Presentation)
 - *North American Spine Society Evidence and Technology Spine Summit*, Park City, UT, February 28-March 2, 2013. (e-Poster Presentation)
75. Strohbehn GW, Zhou J, **Fu M**, Patel TR, Piepmeier JM, Saltzman WM. "High-Throughput Small Molecule Screening of Genetically Diverse Glioblastoma Stem Cells."
 - *Yale University School of Medicine Student Research Day*, New Haven, CT, May 8, 2012. (Poster Presentation)
76. Freytes DO, **Fu M**, Eng G, Bhumiratana S, Vunjak-Novakovic G. "Artificial Gill Underwater Breathing System with Perfluorocarbon Fluid Technology."
 - *Defense Advanced Research Projects Agency (DARPA) Seedling Project Final Presentation*, Arlington, VA, August 26, 2008. (Podium Presentation)
77. **Fu M**, Kolodziejska KM, Masse S, Sevaptisidis E, Niebrugge S, Zandstra P, Nanthakumar K, Husain M. "Electrophysiological Characterization of Embryonic Stem Cell-Derived Cardiomyocytes Destined for Transplantation."
 - *University of Toronto Laboratory Medicine and Pathobiology Summer Research Conference*, Toronto, Canada, August 14, 2006. (Poster Presentation)