

# CURRICULUM VITAE

## Christopher S. Ahmad, MD

Center for Shoulder, Elbow, and Sports Medicine  
Department of Orthopaedic Surgery  
Columbia University  
622 West 168<sup>th</sup> Street  
New York, New York 10032  
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### PERSONAL DATA

**Birthdate:** 3/25/68  
**Birthplace:** Bayshore, New York  
**Citizenship:** United States

### EDUCATION

<b>Doctor of Medicine</b> New York University School of Medicine	1994 New York, NY
<b>Bachelor of Science, Mechanical Engineering</b> School of Engineering and Applied Science, Columbia University	1990 New York, NY

### INTERNSHIP AND RESIDENCY

<b>Orthopaedic Surgery Sports Medicine Fellowship</b> Kerlan-Jobe Orthopaedic Clinic	2000–2001 Los Angeles, CA
<b>Administrative Chief Resident Orthopaedic Surgery</b> New York Orthopaedic Hospital	1999–2000 Columbia University, New York, NY
<b>Orthopaedic Surgery Residency</b> New York Orthopaedic Hospital	1996–1999 Columbia University, New York, NY
<b>General Surgery Internship</b> Columbia University Medical Center	1995–1996 Columbia University, New York, NY
<b>Frank E. Stinchfield Orthopaedic Research Fellowship</b> Columbia Orthopaedic Research Laboratory	1994–1995 Columbia University, New York, NY

### EXPERIENCE

#### UNIVERSITY APPOINTMENTS

<b>Columbia University College of Physicians &amp; Surgeons</b> <i>Clinical Professor Orthopaedic Surgery</i>	New York, NY 2013–Present
<i>Associate Professor Orthopaedic Surgery</i>	2007–2013
<i>Assistant Professor Orthopaedic Surgery</i>	2001–2007

#### HOSPITAL APPOINTMENTS

<b>Assistant Attending Orthopaedic Surgery</b> New York Presbyterian Hospital (Columbia Campus)	2001–Present New York, NY
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**Assistant Attending Orthopaedic Surgery**  
 Palisades Medical Center  
 New York-Presbyterian Healthcare System

2001–2007  
 North Bergen, NJ

### **LICENSURE**

**California** #A72266  
**New Jersey** #MA73034  
**New York** #208884  
**Florida** #ME114925

### **CERTIFICATION**

Recertification in Orthopaedic Surgery and Sports Medicine	2013
Subspecialty Certificate in Sports Medicine	2007
Board Certified in Orthopaedic Surgery	2003

### **HONORS/AWARDS**

**Crutches 4 Kids Honoree** October 25, 2016

**AAOS Achievement Award** 2010  
 Contributor to Orthopaedics since 2005 *Rosemont, IL*

**Kerlan-Jobe Alumni Research Award** July 2008  
 Bisphosphonate Treatment Improves Bone Density at the Rotator  
 Cuff Footprint: Development of the Regional Osteopenia Animal Model.  
*Kerlan Jobe Alumni Meeting* *Orlando FL*

**Aircast Award for Clinical Science Presentation** July 2007  
 Edwards S, Lee JA, Bell, JB, **Ahmad CS**, Levine WN, Blaine TA:  
 Improved Outcomes with Non-operative Treatment of SLAPs.  
*American Orthopaedic Society for Sports Medicine* *Calgary CA*

**Arthroscopy Association of North America Annual Meeting Fellow  
 Poster Award** April 2006  
 Park, M, Tibone JE, ElAttrache NS, **Ahmad CS**, Bong JJ Lee TQ:  
 Biomechanical Assessment for a Footprint-Restoring “Transosseous-  
 Equivalent” Rotator Cuff Repair Technique Compared to a Double-  
 Row Technique.  
*Arthroscopy Association of North America* *Hollywood, FL*

**Frank W. Jobe Excellence in Research Award** 2001  
 Biomechanical Evaluation of a New Elbow Ulnar Collateral Ligament  
 Reconstruction using Interference Screw Fixation,  
*Kerlan-Jobe Orthopedic Clinic* *Los Angeles, CA*

**Frank E. Stinchfield Award for Excellence in Orthopaedic Surgery** 2000  
 New York Orthopaedic Hospital, *Columbia University* *New York, NY*

**Independent Research Scholarship Award** 1993  
*A Mechanical Testing Technique for Articular Cartilage: A Study* *New York, NY*

*of Intrinsic Repair*  
New York University School of Medicine

**Honorable Mention**

**Engineering Master of Science Degree Level Paper Competition**  
*A Mechanical Testing Technique for Articular Cartilage: A Study of Intrinsic Repair*  
American Society of Mechanical Engineers Winter Annual Meeting

1992  
Anaheim, CA

PROFESSIONAL ACTIVITIES

**Review Boards**

*The American Journal of Sports Medicine*, Reviewer 9/2002–Present  
*The Journal of Shoulder and Elbow Surgery*, Reviewer 6/2004–Present  
*The Journal of Bone and Joint Surgery*, Reviewer 6/2006–Present  
*BMC Musculoskeletal Disorders*, Reviewer 10/2006–Present  
*Clinical Biomechanics*, Reviewer 7/2008–Present

**Professional Societies**

**American Orthopaedic Society for Sports Medicine**

Active Member 8/2005–Present  
Candidate Member 7/2002–2005

**American Academy of Orthopaedic Surgeons**

Deputy Editor, *Journal of the American Academy of Orthopaedic Surgeons* 1/2015–Present  
Candidate Member 8/2001–10/2004  
Fellow Member 2/2005–Present

**American College of Sports Medicine**

Member 8/2001–Present

**American Shoulder and Elbow Surgeons**

Associate Member 2/2005–Present

**American Orthopaedic Association**

Active Member 6/2009–Present

**Major League Baseball Team Physicians Association**

Active Member 1/2009–Present

**Herodius Society**

Member 8/2012–Present

*Orthopedics Today*

Editorial Board, Sports Medicine Section	7/2013–Present
Senior Editor, Shoulder & Elbow Position	10/2014–Present

**Committees**

American Shoulder and Elbow Surgeons Research Committee	12/2007–Present
American Orthopaedic Society for Sports Medicine Council of Delegates	7/2008–7/2011
American Orthopaedic Society for Sports Medicine Education Committee	7/2009–7/2013
American Orthopaedic Society for Sports Medicine Instructional Course Evaluation Committee	2010
American Shoulder and Elbow Surgeons Open Meeting Program Committee	2010
Crutches for Kids Board Member (A not for profit organization creating a worldwide network that brings crutches to kids in need.)	2010
Major League Baseball Team Physicians Executive Committee	2013
Major League Soccer Education Committee Chair	2016- Present

**Team Physician and Event Coverage**

Consultant Team Physician, Columbia University	9/2001–Present
Team Physician, North Bergen High School	9/2002–Present
Tournament of Champions Professional Squash Tournament, Grand Central Station, New York	1/ 2001–Present
Consultant, Sharks Swim Team, Rockland, NY	12/ 2007–Present
Consultant, Galaxy Gymnastics Team, Rockland, NY	12/2007–Present
Head Team Physician, New York Yankees	2/2009–Present
Team Physician, City College of New York	9/2003–9/2009
Team Physician, New York Yankees	6/2008–11/2008
Orthopaedic Physician, Major League Baseball Homerun Derby	7/14/2008
Orthopaedic Physician, Major League Baseball All-Star Game	7/15/2008
Sports Medicine Fellow Assistant Team Physician, Fullerton College Football, Fullerton, CA	8/2000–7/2001
Sports Medicine Fellow Assistant Team Physician, Los Angeles Dodgers	8/2000–7/2001
Sports Medicine Fellow Assistant Team Physician, Los Angeles Kings	8/2000–7/2001

Sports Medicine Fellow Assistant Team Physician, Los Angeles Galaxy	8/2000–7/2001
Sports Medicine Fellow Assistant Team Physician, Los Angeles Lakers	8/2000–7/2001
Sports Medicine Fellow Assistant Team Physician, Los Angeles Avenger	8/2000–7/2001
<b>Department Activities: Dept. Orthopaedic Surgery, Columbia University</b>	
Compliance Officer	3/2004–Present
Director of Resident Research	1/2005–Present
Resident Education Committee	1/2005–Present
Director Biomechanics Laboratory, Center for Orthopaedic Research, Columbia University	1/2006–Present
Associate Director of Sports Medicine	1/2006–2013
Director, Pediatric and Adolescent Sports Medicine	1/2006–Present
McKeen Steering Committee	7/2009–Present
Chief Sports Medicine Service	7/2013–Present
Member, Columbia Orthopedics Research Committee	9-2014–Present
<b>Medical Center and University Activities</b>	
Columbia University College of Physicians and Surgeons First Year Student Clerkship Supervisor	9/2006–Present
<b>Teaching</b>	
Thesis Committee and mentor for Charlie Yongpravats', PhD Candidate Mechanical Engineering, Fu Foundation School of Engineering and Applied Science, Columbia University	1/2010–2014
Defense Committee for Xiaoning Yuan "Engineering the cell environment for meniscus repair: from micro- to macro-scale", Doctor of Philosophy in the Graduate School of Arts and Sciences, Columbia University	11/2013
Thesis Defense Committee for Matteo Caligaris', PhD Candidate Mechanical Engineering, Fu Foundation School of Engineering and Applied Science, Columbia University	3/2009
Doris Duke Clinical Research Mentor for George C. Vorys	7/2007–6/2008
Thesis Defense Committee for Claire Canale, PhD Candidate Mechanical Engineering, Fu Foundation School of Engineering and Applied Science, Columbia University	3/2008
Thesis Defense Committee for Nadeen Chahine, PhD Candidate Mechanical Engineering, Fu Foundation School	5/2005

of Engineering and Applied Science, Columbia University

Instructor of Anatomy and Sports Medicine Injury, National  
Basketball Trainers Association Student Athletic Trainer  
Workshop Los Angeles, CA

6/2001

## PUBLICATIONS

### Peer Reviewed Scientific Journal Articles

1. Dines JS, Williams PN, ElAttrache N, Conte S, Tomczyk T, Osbahr DC, Dines DM, Bradley J, **Ahmad CS**. Platelet-Rich Plasma Can Be Used to Successfully Treat Elbow Ulnar Collateral Ligament Insufficiency in High-Level Throwers., *Am J Orthop* (Belle Mead NJ). 2016 Jul-Aug;45(5):296-300.
2. Galdi B, Southren DL, Brabston EW, Popkin CA, Jobin CM, Levine WN, **Ahmad CS**. Patients Have Strong Preferences and Perceptions for Biceps Tenotomy Versus Tenodesis. *Arthroscopy*. 2016 Dec;32(12):2444-2450. doi: 10.1016/j.arthro.2016.04.022.PMID: 27318778
3. Hodgins JL, Kovacevic D, Purcell S, Jobin CM, Levine WN, **Ahmad CS**. Arthroscopic Suprapectoral and Open Subpectoral Biceps Tenodesis: Radiographic Characteristics. *Arthroscopy*. 2016 Nov;32(11):2234-2242. doi: 10.1016/j.arthro.2016.03.101. PMID: 27265249
4. Makhni EC, Lamba N, Swart E, Steinhaus ME, **Ahmad CS**, Romeo AA, Verma NN. Revision Arthroscopic Repair Versus Latarjet Procedure in Patients With Recurrent Instability After Initial Repair Attempt: A Cost-Effectiveness Model. *Arthroscopy*: 32(8):1612-21, 2016
5. Paulino FE, Villacis DC, **Ahmad CS**. Valgus Extension Overload in Baseball Players. *Am J Orthop* (Belle Mead NJ). 2016 Mar-Apr;45(3):144-51.
6. Padaki AS, Cole BJ, **Ahmad CS**. Concussion Incidence and Return-to-Play Time in National Basketball Association Players: Results From 2006 to 2014. *Am J Sports Med.* ;44(9):2263-8, 2016
7. Makhni EC, Crump EK, Steinhaus ME, Verma NN, **Ahmad CS**, Cole BJ, Bach BR Jr., Quality and Variability of Online Available Physical Therapy Protocols From Academic Orthopaedic Surgery Programs for Anterior Cruciate Ligament Reconstruction. *Arthroscopy*, August 2016.
8. Lynch T. Sean, Steinhaus ME, Popkin CA, **Ahmad CS**, Rosneck J, Outcomes after Diagnostic Hip Injection, *Arthroscopy*, February 2016.
9. Anakwenze OA, Khanna K, Levine WN, **Ahmad CS**. Lateral Ulnar Collateral Ligament Reconstruction: An Analysis of Ulnar Tunnel Locations. *Am J Orthop* (Belle Mead NJ). 2016 Feb;45(2):53-7.
10. Redler LH, Watling JP, Dennis ER, Swart E, **Ahmad CS**. Reliability of a field-based drop vertical jump screening test for ACL injury risk assessment. *Phys Sportsmed*. 2016 Feb;44(1):46-52. Epub 2016 Jan 20.

11. Hodgins JL, Vitale M, Arons RR, **Ahmad CS**. Epidemiology of Medial Ulnar Collateral Ligament Reconstruction: A 10-Year Study in New York State. *Am J Sports Med*. 2016 Mar;44(3):729-34. Epub 2016 Jan 21
12. Makhni EC, Buza JA, Byram I, **Ahmad CS**. Academic characteristics of orthopedic team physicians affiliated with high school, collegiate, and professional teams. *Am J Orthop* (Belle Mead NJ). 2015 Nov;44(11):510-4.
13. Conte SA, Hodgins JL, ElAttrache NS, Patterson-Flynn N, **Ahmad CS**. Media perceptions of Tommy John surgery. *Phys Sportsmed*. 2015 Nov;43(4):375-80. Epub 2015 Aug 26.
14. Makhni EC, Padaki BS, Petridis PD, Steinhaus ME, **Ahmad CS**, Cole BJ, Bach BR: High Variability in Outcome Reporting Patterns in High-Impact ACL Literature. *Journal of Bone and Joint Surgery*, 2015; 97:1529-42.
15. Miller DJ, Blum AB, Levine WN, **Ahmad CS**, Popkin CA, Preparticipation Evaluation of the Young Athlete: What an Orthopaedic Surgeon Needs to Know. *Am J Sports Med*. June 2016; 44(6):1605-1615
16. Gancarczyk SM, Makhni EC, Lombardi JM, Popkin CA, **Ahmad CS**. Arthroscopic Articular Reconstruction of Capitellar Osteochondral Defects. *Am J Sports Med*. 2015 Oct;43(10):2452-8. doi: 10.1177/0363546515594448. Epub 2015 Aug 13.
17. Makhni EC, **Ahmad CS**. 5 Points on Shoulder Examination of the Overhead Athlete. *Am J Orthop* (Belle Mead NJ). 2015 Aug;44(8):347-52.
18. Redler, LH, Makhni EC, Visco CJ, **Ahmad CS**, Supinator Cyst in a Young Female Softball Player Successfully Treated With Aspiration. *Am J Orthop* (Belle Mead NJ). 2015 July;44(7):E235-8.
19. Makhni EC, Lee RW, Nwosu EO, Steinhaus ME, **Ahmad CS**: Return to Competition, Re-injury, and Impact on Performance of Preseason Shoulder Injuries in Major League Baseball Pitchers, *The Physician and Sports Medicine*, 2015 July 43(3) 300-6.
20. Oungoulian SR, Durney KM, Jones BK, **Ahmad CS**, Hung CT, Ateshian GA: Wear and damage of articular cartilage with friction against orthopedic implant materials. *J Biomech*. 2015 Jul 16;48(10): 1957-64. Epub 2015 Apr 15.
21. Makhni EC, Jobin CM, Levine WN, **Ahmad CS**, Using wearable technology to record surgical videos. *Am J Orthop* (Belle Mead NJ). 2015 Apr;44(4):163-6.
22. Makhni EC, Steinhaus ME, Mehran N, Schulz BS, **Ahmad CS**: Functional Outcome and Graft Retention in Patients With Septic Arthritis After Anterior Cruciate Ligament Reconstruction: A Systematic Review. *Arthroscopy*. 2015 Jul;31 (7)1392-401.
23. Fink Barnes LA, Grantham WJ, Meadows MC, Bigliani LU, Levine WN, **Ahmad CS**: Sports activity after reverse total shoulder arthroplasty with minimum 2-year follow-up. *Am J Orthop* (Belle Mead NJ). 2015 Feb;44(2):68-72.
24. Iyengar JJ, Grantham, Byrum, **Ahmad CS**: The Curveball as a Risk Factor for Injury: A Systematic Review, *Sports Health*, Sports Health. 2015 Jan;7(1):19-26.

25. Redler LH, Watling JP, **Ahmad CS**: Physical Examination of the Throwing Athlete's Elbow. *American Journal of Orthopedics* 2015 Jan;44(1):13-8.
26. Makhni EC, Morrow ZS, Luchetti TJ, Mishra-Kalyani PS, Gualtieri AP, Lee RW, **Ahmad CS**: Arm Pain in Youth Baseball Players: A Survey of Healthy Players. *Am J Sports Med.* 2015 Jan; 43(1) 41-6.
27. Cadet ER, Kok P, Greiwe RM, Chan A, **Ahmad CS**, Levine WN, Bigliani LU: Intermediate and long-term follow-up of total shoulder arthroplasty for the management of postcapsulorrhaphy arthropathy. *J Shoulder Elbow Surg.* 2014 Sep;23(9): 1301-8.
28. Levy, DM, Gvozdyev BV, Schulz BM, Boselli KJ, **Ahmad CS**: Arthroscopic Anterior Shoulder Stabilization with Percutaneous Assistance and Posteroinferior Capsular Plication. *American Journal of Orthopedics*, 364-9, 2014
29. Makhni EC, Lee RW, Morrow ZS, Gualtieri AP, Gorroochurn P, **Ahmad CS**: Performance, Return to Competition, and Reinjury After Tommy John Surgery in Major League Baseball Pitchers: A Review of 147 Cases. *Am J Sports Med.* 42(6):1323-1332, 2014
30. **Ahmad CS**, Dick RW, Snell E, Kenney ND, Curriero FC, Pollack K, Albright JP, Mandelbaum BR: Major and Minor League Baseball Hamstring Injuries: Epidemiologic Findings From the Major League Baseball Injury Surveillance System. *Am J Sports Med.* 42(6):1464-1470, 2014
31. Anakwenze OA, Kwon D, O'Donnell E, Levine WN, **Ahmad CS**: Surgical Treatment of Posterolateral Rotatory Instability of the Elbow, *Arthroscopy.* 30(7):866-871, 2014
32. Anakwenze AO, Khanna K, Levine WN, and **Ahmad CS**, Characterization of the Supinator Tubercle for Lateral Ulnar Collateral Ligament Reconstruction, *Orthopaedic Journal of Sports Medicine*, April 2014; vol. 2, 4: 2325967114530969, 2014
33. Makhni EC, Khanna K, Simpson MT, Redler LH, Anakwenze OA, Li R, **Ahmad CS**: Medial Epicondyle Morphology in Elite Overhead Athletes: A Closer Look Using 3-Dimensional Computer Simulation, *Orthopaedic Journal of Sports Medicine*, vol. 2, 1: 2325967113517211, 2014
34. Redler LH, Byram IR, Tsui YL, Moen TC, Gardner TR, **Ahmad CS**: Influence of Rotator Cuff Tear Size and Repair Technique on the Creation and Management of Dog Ear Deformities in a Transosseous-Equivalent Rotator Cuff Repair Model, *Orthopaedic Journal of Sports Medicine*, vol. 2, 4: 2325967114529257, 2014
35. Swart E, Redler L, Fabricant PD, Mandelbaum BR, **Ahmad CS**, Wang YC: Prevention and screening programs for anterior cruciate ligament injuries in young athletes: a cost-effectiveness analysis. *J Bone Joint Surg Am*, 96(9):705-11, 2014
36. Makhni E, Byram I, **Ahmad CS**: Sports Reporting: A Comprehensive Review of Medical Literature Regarding North American Professional Sports. *The Physician and Sports Medicine*, 42(2):154-62, 2014
37. Anakwenze OA, Zoller S, **Ahmad CS**, Levine WN. E for acute proximal humerus fractures: a systematic review. *J Shoulder Elbow Surg*, 23(4):e73-80, 2014
38. Kim HM, Caldwell JM, Buza JA, Fink LA, **Ahmad CS**, Bigliani LU, Levine WN. Factors affecting satisfaction and shoulder function in patients with a recurrent rotator cuff tear. *J Bone Joint Surg Am*, 15;96(2):106-12, 2014



39. Vogel LA, Moen TC, Macaulay AA, Arons RR, Cadet ER, **Ahmad CS**, Levine WN: Superior labrum anterior-to-posterior repair incidence: a longitudinal investigation of community and academic databases. *J Shoulder Elbow Surg*, 23(6):e119-26, 2014
40. Buza JA 3rd, Iyengar JJ, Anakwenze OA, **Ahmad CS**, Levine WN: Arthroscopic Hill-Sachs remplissage: A systematic review. *J Bone Joint Surg Am*, 2;96(7):549-55, 2014.
41. Yin B, Levy D, Meadows M, Moen T, Gorroochurn P, Cadet ER, Levine WN, **Ahmad CS**: How Does External Rotation Bracing Influence Motion and Functional Scores After Arthroscopic Shoulder Stabilization?, *Clin Orthop and Related Research*, 2014 Aug;472(8) 2389-96.
42. Oungoulian SR, Hehir KE, Zhu K, Willis CE, Marinescu AG, Merali N, **Ahmad CS**, Hung CT, Ateshian GA: Effect of glutaraldehyde fixation on the frictional response of immature bovine articular cartilage explants, *J Biomech*, 47(3):694-701, 2013
43. Greiwe RM, Vargas-Ariza R, Bigliani LU, Levine WN, **Ahmad CS**: Hemiarthroplasty for Head-split Fractures of the Proximal Humerus., *Orthopedics*. 1;36(7):e905-11, 2013.
44. Yongpravat C, Lester JD, Saifi C, Trubejla A, Greiwe RM, Bigliani LU, Levine WN, Gardner TR, **Ahmad CS**: Glenoid Morphology After Reaming in Computer-Simulated Total Shoulder Arthroplasty, *Journal of Shoulder and Elbow Surgery*, 22(1):122-8, 2013
45. Levy DM, Saifi C, Perri JL, Zhang R, Gardner TR, **Ahmad CS**: Rotator cuff repair augmentation with local autogenous bone marrow via humeral cannulation in a rat model. *J Shoulder Elbow Surg*, 22(9):1256-64, 2013
46. Yongpravat C, Kim HM, Gardner TR, Zhang R. Gardner TR, **Ahmad CS**: Glenoid implant orientation and cement failure in total shoulder arthroplasty: a finite element analysis. *J Shoulder Elbow Surg*, 22 (7) 940-7, 2013
47. Byram IR, Khanna K, Gardner TR, **Ahmad CS**. Characterizing Bone Tunnel Placement in Medial Ulnar Collateral Ligament Reconstruction Using Patient-Specific 3-Dimensional Computed Tomography Modeling. *American Journal of Sports Medicine*, 41(4):894-902, 2013
48. Zhang J, Yongpravat C, Kim HM, Levine WN, Bigliani LU, Gardner TR, **Ahmad CS**: Glenoid Articular Conformity Affects Stress Distributions in Total Shoulder Arthroplasty. *J Shoulder Elbow Surg*, 22(3):350-6, 2012
49. Levine WN, Fischer CR, Nguyen D, Flatow EL, **Ahmad CS**, Bigliani LU: Long-Term Follow-up of Shoulder Hemiarthroplasty for Glenohumeral Osteoarthritis. *J Bone Joint Surg Am*, 94(22):e1641-7, 2012
50. Greiwe R, Galano G, Grantham J, **Ahmad CS**: Arthroscopic Stabilization for Voluntary Shoulder Instability, *Journal of Pediatric Orthopaedics*, 32:781-786, 2012
51. Redler LH, Brafman RT, Trentacosta N, **Ahmad CS**: Anterior Cruciate Ligament Reconstruction in Skeletally Immature Patients With Transphyseal Tunnels, *Arthroscopy*, 28:1710-7, 2012
52. Jobin C, Brown G, Bahu M, Bigliani LU, Levine WN, **Ahmad CS**: Reverse Total Shoulder Arthroplasty for Cuff Tear Arthropathy: The Clinical Effect of Deltoid Lengthening and Center of Rotation Medialization, *Journal of Shoulder and Elbow Surgery*, 21:1269-77, 2012

53. Franzone J, Vitale M, Shubin Stein BE, **Ahmad CS**: Is there an Association between Chronicity of Patellar Instability and Patellofemoral Cartilage Lesions: An Arthroscopic Assessment of Chondral Injury, *Journal of Knee Surgery*, 25:411-416, 2012
54. Redler LH, Kim HM, Tang P, **Ahmad CS**: An Anomalous Accessory Pectoralis Major Muscle: a case report, *Am J Sports Med*, 40(9):2149-53, 2012
55. Coe M, Greiwe RM, Joshi R, Snyder BM, Tosteson AN, **Ahmad CS**, Levine WN, Bell JE, Simpson L: The Cost Effectiveness of Reverse Total Shoulder Arthroplasty Compared to Hemiarthroplasty for Rotator Cuff Arthropathy, *Journal of Shoulder and Elbow Surgery*, 21(10):1278-88, 2012
56. Lester JD, Hsu SH, **Ahmad CS**: Occupational Hazards Facing Orthopaedic Surgeons, *American Journal of Orthopedics*, 41(3):132-139, 2012
57. **Ahmad CS**, Grantham WJ, Greiwe RM: Public Perceptions of Tommy John Surgery, *The Physician and Sports Medicine*, 40(2):64-72, 2012
58. Yin B, Moen TC, Thompson SA, Bigliani LU, **Ahmad CS**, Levine WN: Operative Treatment of Isolated Greater Tuberosity Fractures: Retrospective Review of Clinical and Functional Outcomes, *Orthopedics*, 1;35(6):e807-14, 2012
59. Levy DM, Moen TC, **Ahmad CS**: Bone Grafting of Humeral Head Cystic Defects during Rotator Cuff Repair, *American Journal of Orthopaedics*, 41(2): 92-94, 2012
60. Pedowitz RA, Yamaguchi K, **Ahmad CS**, Burks RT, Flatow EL, Green A, Wies JL, St Andre J, Boyer K, Iannotti JP, Miller BS, Tashjian R, Watters WC, Weber K, Turkelson CM, Raymond L, Sluka P, McGowan R: Academy of Orthopaedic Surgeons Clinical Practice Guideline on: optimizing the management of rotator cuff problems, *Journal of Bone Joint Surg Am*, 18; 94(2):163-7, 2012
61. Moen T, Yin B, **Ahmad CS**: Total Shoulder Arthroplasty in a Patient with Paget's Disease: Case Report and Review of the Literature, *Journal of Shoulder and Elbow Surgery*, 20:e11-e7, 2011
62. VanBeek C, Boselli K, Cadet E, **Ahmad CS**, Levine WN: Precontoured plating of clavicle fractures: Decreased Hardware-related complication? *Clinical Orthopedics and Related Research*, 469 (12) 3337-3343, 2011
63. Lester JD, Boselli KJ, Kim PD, **Ahmad CS**: Isolated Rupture of the Teres Major Tendon: Case Report and Literature Review, *Orthopedics*, 2;33(11):847, 2010
64. Vitale M, Arons R, Hurwitz S, **Ahmad CS**, Levine WN: The Rising Incidence of Acromioplasty: An Analysis of Cases Performed in New York State from 1996 through 2006 and Cases Reported to the American Board of Orthopaedic Surgery from 1999 through 2008, *Journal of Bone and Joint Surgery*, 92(9) 1842-1850, 2010
65. Galano G, Dieter A, Moradi N, **Ahmad CS**: Arthroscopic Management of a Chronic Primary Anterior Shoulder Dislocation: A Case Report, *American Journal of Orthopaedics*, 7:351-355, 2010
66. Nowak DD, Gardner TR, Bigliani LU, Levine WN, **Ahmad CS**: Interobserver and Intraobserver Reliability of the Walch Classification in Primary Glenohumeral Arthritis. *Journal of Shoulder and Elbow Surgery*, 19: 180-183, 2010

67. Edwards SE, Lee JA, Packer JD, Bell JE, **Ahmad CS**, Levine WN, Bigliani LU, Blaine TA: Non-Operative Treatment of Superior Labral (SLAP) Tears: Improvements in Pain, Function, and Quality of Life. *American Journal of Sports Medicine*, 1456-1461, 2010
68. Jobin CM, Kippe MA, Gardner TR, Levine WN, **Ahmad CS**: Distal Biceps Tendon Repair: A Cadaveric Analysis of Suture Anchor and Interference Screw Restoration of the Anatomic Footprint. *American Journal of Sports Medicine*, 37: 2214-2221, 2009
69. Cadet ER, Vorys GC, Rahman R, Park SH, Gardner TR, Lee FY, Levine WN, Bigliani LU, **Ahmad CS**: Improving Bone Density at the Rotator Cuff Footprint Increases Supraspinatus Tendon Failure Stress in a Rat Model. *Journal of Orthopaedic Research*, 28: 308-314, 2009
70. **Ahmad CS**, Galano GJ, Christian Vorys G, Covey AS, Gardner TR, Levine WN: Evaluation of Glenoid Capsulolabral Complex Insertional Anatomy and Restoration with Single and Double Row Capsulolabral Repairs. *Journal of Shoulder and Elbow Surgery*, 18: 948-954, 2009
71. Nowak DD, Bahu MJ, Gardner TR, Dyrska MD, Levine WN, Bigliani LU, **Ahmad CS**: Simulation of Surgical Glenoid Resurfacing Using Three-dimensional Computed Tomography of the Arthritic Glenohumeral Joint: The Amount of Glenoid Retroversion That Can Be Corrected. *Journal of Shoulder and Elbow Surgery*, 18: 680-688, 2009
72. Guterl CC, Gardner TR, Rajan V, **Ahmad CS**, Hung CT, Ateshian GA: Two-Dimensional Strain Fields on the Cross-Section of the Human Patellofemoral Joint Under Physiological Loading. *Journal of Biomechanics*, 42: 1275-1281, 2009
73. Caligaris M, Canal CE, **Ahmad CS**, Gardner TR, Ateshian GA: Investigation of the Frictional Response of Osteoarthritic Human Tibiofemoral Joints and the Potential Beneficial Tribological Effect of Healthy Synovial Fluid. *Osteoarthritis and Cartilage*, 17: 1327-1332, 2009
74. **Ahmad CS**, Moros C: Partial Humeral Head Resurfacing and Latarjet Coracoid Transfer for Treatment of Recurrent Anterior Glenohumeral Instability. *Orthopaedics*, 32: 602, 609, 2009
75. **Ahmad CS**, Vorys GC, Covey A, Levine WN, Gardner TR, Bigliani LU: Rotator Cuff Repair Fluid Extravasation Characteristics are Influenced by Repair Technique. *Journal of Shoulder and Elbow Surgery*, 18:976-981, 2009
76. Trentacosta NE, Vitale MC, **Ahmad CS**: The Effects of Timing of Pediatric Knee Ligament Surgery on Short-Term Academic Performance in School-Aged Athletes. *American Journal of Sports Medicine*, 37:1684-1691, 2009
77. **Ahmad CS**, McCarthy M, Gomez J, Shubin Stein BS: The Moving Patella Apprehension Test for Lateral Patellar Instability. *American Journal of Sports Medicine*, 37:791-796, 2009
78. Kleweno CP, Jacir AM, Gardner TR, **Ahmad CS**, Levine WN: Biomechanical Evaluation of Anterior Cruciate Ligament Femoral Fixation Techniques. *American Journal of Sports Medicine*, 37:339-345, 2009
79. Galano G, Soldano D, Kippe MA, **Ahmad CS**: Arthroscopic Shoulder Suture Capsulorrhaphy in a Patient with Ehlers-Danlos Syndrome. *Current Orthopaedic Practice*, 19: 589-593, 2008
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33. Levine WN, **Ahmad CS**, Jupiter J, McKee: Treatment Options for Clavicle Fractures: When is ORIF and IM Fixation Indicated? Top Shoulder Surgeons Give Treatment Opinions from Clinical Diagnosis to Rehabilitation. *Orthopaedics Today*, 27:62, 2007
34. **Ahmad CS**: Partial Thickness Rotator Cuff Tears. *Orthopaedics Today*, 27:30, 2007
35. **Ahmad CS**: Double Row Rotator Cuff Repair Techniques. *Orthopaedics Today*, 26:212-122, 2006
36. **Ahmad CS**: Indications Changing for Open Reduction Internal Fixation of Clavicle Fractures. *Orthopedics Today*, p. 16, 2008
37. **Ahmad CS**: Indications Changing for Open Reduction Internal Fixation of Clavicle Fractures. *Orthopedics Today Europe*, p. 17, 2008

### Textbooks/ Guest Editorship

1. **Ahmad CS**, Levine WN, Cadet EC, Editors: *Shoulder and Elbow Trauma*, JP Medical Ltd, London, 2012
2. **Ahmad CS**, Editor: Sports Medicine 2. Instructional Course Lectures Sports Medicine Specialty Volume 2: *American Academy of Orthopaedic Surgeons*, Illinois, 2011
3. Levine WN, **Ahmad CS**, Co-Editors: Shoulder Arthroplasty-Lots of Choices in 2011, *Operative Techniques in Orthopaedics*, Vol 21, pp 1-102, 2011
4. **Ahmad CS**, Shubin Stein BE Guest Editor: Patellar Instability. *Operative Techniques in Sports Medicine*. Elsevier, Illinois. Vol 18, pp 61-128, 2010
5. **Ahmad CS**, Editor: American Academy of Orthopaedic Surgeons Monograph Series. Pediatric and Adolescent Sports Injuries. *American Academy of Orthopaedic Surgeons*. American Academy of Orthopaedic Surgeons, Rosemont. Series 43, pp 1-199, 2010
6. Levine WN, **Ahmad CS**, Co-Editors: Current Concepts in Elbow Surgery Part-2 Trauma/Reconstruction. *Operative Techniques in Orthopaedics*. Elsevier, Illinois. Vol 20, pp 1-68, 2010

7. **Ahmad CS**, Levine WN, Co-Editors: Current Concepts in Elbow Surgery Part-1 Soft Tissue/Sports. *Operative Techniques in Orthopaedics*. Elsevier, Illinois. Vol 19, 189-264, 2009
8. Levine WN, **Ahmad CS**, Editors: Arthroscopic Posterior/Multidirectional Instability-Shoulder Instability. *Operative Techniques in Orthopedic Surgery*. Williams and Wilkins, Philadelphia. Vol 18, pp 33-45, 2008
9. Levine WN, **Ahmad CS**, Editors: Management of the Patellofemoral Joint. *Operative Techniques in Orthopedic Surgery*. Williams and Wilkins, Philadelphia. Vol 17, pp 203-264, 2007
10. Levine WN, Blaine TA, and **Ahmad CS**, Editors: *Minimally Invasive Shoulder and Elbow Surgery*. Informa Publishers, New York. 2007

### Book Chapters

1. ElAttrache N, Hodgins J, Gonzales-Lomas G, **Ahmad CS**, “The Shoulder in Athletes”, *Rockwood and Matsen’s The Shoulder*, Elsevier Saunders, Philadelphia, August 2016.
2. Watling JP, Brabston EW, Padaki AS, **Ahmad CS**: “Anterior instability: Shoulder dislocations, instability and the labrum”, *Shoulder and Elbow Trauma and its Complications*, Woodhead Publishing, Cambridge UK, 2015, in print.
3. Noticewala MS, Galdi, B, **Ahmad CS**: “The Painful Labral Repair”, *Shoulder and Elbow Trauma and its Complications*, Woodhead Publishing, Cambridge UK, 2015, in print.
4. Tanaka, M, Chiaia T, **Ahmad CS**: “Postoperative Rehabilitation After Repair of Clavicle Fracture”, *Orthopaedic Rehabilitation of the Athlete: Getting Back in the Game*, Elsevier Saunders, Philadelphia, 2015
5. Chiaia T, Tanaka M, **Ahmad CS**: “Nonoperative Rehabilitation of Clavicle Fractures”, *Orthopaedic Rehabilitation of the Athlete: Getting Back in the Game*, Elsevier Saunders, Philadelphia, 2015
6. **Ahmad CS**: “MCL Reconstruction”, *Master Techniques in Orthopaedic Surgery: The Elbow, 3<sup>rd</sup> Edition*, Edited by Bernard F. Morrey, Lippincott Williams & Wilkins, September 2014.
7. Yenchak AJ, **Ahmad CS**: “Ulnar Collateral Ligament Reconstruction”, *Adult Orthopaedic Postoperative Rehabilitation* Edited by Andrew Green, April Armstrong, Submitted 2014
8. Iyengar J, **Ahmad CS**: The Conservative Treatment of UCL Injuries, Elbow Collateral Ulnar Ligament Injury: A Guide to Diagnosis and Treatment to be published by Springer, Editors Dines J, Altchek D, submitted, 2014
9. **Ahmad CS**, Gonzalez-Lomas: "Elbow Injuries in the Athlete" AAOS Comprehensive Orthopaedic Review 2cd edition, edited by Martin Boyer, MD Keener editor of the Shoulder and Elbow section, 2014

10. **Ahmad CS**, Theresa Chia: Acromioclavicular (AC) Joint Injuries and Sternoclavicular (SC) Joint Injuries. *Getting Back in the Game: Orthopaedic Rehabilitation of the Athlete*. Editors, Bruce Reider, George Davies, and Matthew T. Provencher, In Print, 2014
11. **Ahmad CS**, ElAttrache NS: Medial Collateral Ligament, *Master's Techniques in Orthopaedic Surgery-The Elbow*, In print 2014
12. Dyrska M, **Ahmad CS**: Biomechanics of the Shoulder, *Shoulder Arthroscopy: Principles and Practice*, Editors, Giuseppe Milano, MD, Springer, 2014
13. Levine WN, **Ahmad CS**: Shoulder and Elbow Disorders in the Athlete, *Orthopaedic Knowledge Update, Edition 11*, American Academy of Orthopaedic Surgeons, Illinois, 2014
14. **Ahmad CS**, Gonzalez-Lomas G: The Athlete's Shoulder: Injury Patterns and Evaluation: *Disorders of the Shoulder, 3<sup>rd</sup> edition*. Miniaci A, Iannotti JP, Williams GR, and Zuckerman JD, Editors: Wolters Kluwer: Lippincott Williams & Wilkins, Maryland, 2014
15. **Ahmad CS**, Makhni EC, ElAttrache NS: Special Patients: The Overhead Athlete, *American Academy of Orthopaedic Surgeons Monograph Series. Disorders of the Proximal Biceps Tendon: Evaluation and Treatments*: Hasan SS, Mazzocca AD, Editors: American Academy of Orthopaedic Surgeons, Illinois, 2014
16. Wanich T, Cadet ER, Payares M, **Ahmad CS**: Surgical Technique in Anterior Cruciate Ligament Reconstruction: Tunnel Drilling, *American Academy of Orthopaedic Surgeons Monograph Series. Anterior Cruciate Ligament Reconstruction: Evolving concepts*: Limpisvasti O, ElAttrache NS, Editors: American Academy of Orthopaedic Surgeons, Illinois, 2013
17. Yin B, **Ahmad CS**: Percutaneous Treatment of Proximal Humeral Fractures, *Shoulder and Elbow Trauma*, Levine, Cadet, Ahmad, Editors: JP Medical Ltd, London, 2012
18. Conway, **Ahmad CS**: Valgus Extension Overload: *Sports Medicine of Baseball*: Dines, ElAttrache, Yocum, Altchek, Andrews, Wilk, Editors: Lippincott Williams & Wilkins, Maryland, 2012
19. **Ahmad CS**, ElAttrache: Partial Thickness Rotator Cuff Tears in Throwing Athletes: *Sports Medicine of Baseball*: Dines, ElAttrache, Yocum, Altchek, Andrews, Wilk, Editors: Lippincott Williams & Wilkins, Maryland, 2012
20. Hsu S, **Ahmad CS**, Henry PD, McKee MD, Levine WN: How To Minimize Complication in Acromioclavicular Joint and Clavicle Surgery, *AAOS Instructional Course Lecture* 61:169-83, 2012
21. Chiaia T, Shubin-Stein B, **Ahmad CS**: Acromioclavicular Joint Injuries and Sternoclavicular Joint Injuries, Post-surgical Rehabilitation After Treatment of Clavicular Fractures, *Getting Back in the Game: Orthopaedic Rehabilitation of the Athlete*, Submitted, 2011
22. Chiaia T, Shubin-Stein B, **Ahmad CS**: Acromioclavicular Joint Injuries and Sternoclavicular Joint Injuries, Non-surgical Rehabilitation After Clavicular Fractures, *Getting Back in the Game: Orthopaedic Rehabilitation of the Athlete*, Submitted, 2011
23. Lomas G, **Ahmad CS**: Video Atlas of Shoulder Surgery: Arthroscopic Management of Partial Rotator Cuff Tear in Throwers, *Jaypee Publishers*, Submitted, 2011

24. **Ahmad CS**: The Athlete's Shoulder: Injury Patterns and Evaluation, *Disorders of the Shoulder-Diagnosis and Management*, Submitted, 2011
25. **Ahmad CS**, Conway: Elbow Arthroscopy: Valgus Extension Overload: *Instructional Course Lectures Volume 60*: Egol, Editor: American Academy of Orthopaedic Surgeons, Illinois, 60:191-197, 2011
26. Vitale MA, **Ahmad CS**: Elbow Arthroscopy: Setup, Portal Placement and Simple Procedures: *Instructional Course Lectures Volume 60*: Egol, Editor: American Academy of Orthopaedic Surgeons, Illinois, 60:171-180, 2011
27. **Ahmad CS**, Vitale MA, ElAttrache NS: Elbow Arthroscopy: Capitellar Osteochondritis Dissecans and Radiocapitellar Plica: *Instructional Course Lectures Volume 60*: Egol, Editor: American Academy of Orthopaedic Surgeons, Illinois, 60:181-190, 2011
28. Marion CJ, Vadasdi K, **Ahmad CS**: Arthroscopic Treatment of Posterior-Inferior Multidirectional Instability of the Shoulder, *Operative Techniques in Orthopaedics: Shoulder and Elbow Surgery*, Neviaser, Lee, Co-Editors: Elsevier, Illinois, 2011
29. Saifi C, Greiwe MR, **Ahmad CS**: Management of the Throwing Shoulder-Labrum, Cuff and Internal Impingement: *Orthopedic Clinics in North America*: Levine, Editor: Elsevier, Illinois, 2010
30. Nwachukwu B, **Ahmad CS**, Levine WN: Praeger Handbook of Sports Medicine and Athlete Health: *Shoulder Instability*, Moorman, Kirkendall, Editor: Greenwood, California, pp55-67, 2010
31. Gonzalez-Lomas, G, **Ahmad CS**, Wanich T, ElAttrache NS: Osteochondritis Dissecans of the Elbow: Diagnosis, Operative and Non-Operative Management, Including Grafting: Indications and Techniques: *AANA Advanced Arthroscopy: The Wrist and Elbow*, Field & Savoie III, Editors: Elsevier, Elsevier, 2010
32. Vadasdi KB, Perez V, **Ahmad, CS**: Adolescent Throwing Injuries, *American Academy of Orthopaedic Surgeons Monograph Series. Management of Common Sports Injuries in Pediatric and Adolescent Patients*: **Ahmad CS**, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2010



33. Mehta P, Brafman RT, **Ahmad, CS**: Evaluation and Management of Discoid Meniscus, *American Academy of Orthopaedic Surgeons Monograph Series. Management of Common Sports Injuries in Pediatric and Adolescent Patients*: **Ahmad CS**, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2010
34. Brafman RT, Fabian L, **Ahmad CS**: Knee Ligament Injuries in Young Athletes, *American Academy of Orthopaedic Surgeons Monograph Series. Management of Common Sports Injuries in Pediatric and Adolescent Patients*: **Ahmad CS**, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2010
35. Marion C, Dyrcka M, **Ahmad CS**: Elbow: Valgus Extension Overload/Impingement, *Sports Medicine Volume in Master Technique Series*: Fu, Editor: Lippincott Williams and Wilkins, Maryland, 2010
36. Lomas G, **Ahmad CS**, ElAttrache NS: The Shoulder in Athletes, *The Shoulder 4<sup>th</sup> Edition*: Rockwood, Matsen, Wirth, Lippitt, Editors: Elsevier, Illinois, 2009
37. **Ahmad CS**: Elbow Injuries in the Athlete, *American Academy of Orthopaedic Surgeons. Comprehensive Orthopaedic Review*: Lieberman, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2009
38. ElAttrache NE, Wei AS, Lomas G, **Ahmad CS**: Elbow Arthroscopy, *Biologic Joint Reconstruction: An Alternative to Joint Arthroplasty*: Cole, Gomoll, Editors: SLACK Incorporated, New Jersey, 2009
39. Galano GJ, Kippe MA, **Ahmad CS**: Arthroscopic Management of Anterior Shoulder Instability, *American Academy of Orthopaedic Surgeons Monograph Series. Shoulder Instability-Current Concepts*: Levine WN, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2009
40. **Ahmad CS**, Moore D, Conway JE: Posterolateral Rotatory Instability of the Elbow and Lateral Ulnar Collateral Ligament Reconstruction, *American Academy of Orthopaedic Surgeons Monograph Series. The Athletes' Elbow-Current Concepts*: Levine WN, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2008
41. Lomas G, ElAttrache NE, **Ahmad CS**: Medial Collateral Ligament Reconstruction, *American Academy of Orthopaedic Surgeons Monograph Series. The Athletes' Elbow-Current Concepts*: Levine WN, Editor: American Academy of Orthopaedic Surgeons, Illinois, 2008
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43. **Ahmad CS**, ElAttrache NS: Arthroscopy in the Throwing Athlete. Diagnosis and Treatment of Ulnar Collateral Ligament Injuries in Athletes, *The Elbow And Its Disorders*: Morrey, Editor: Elsevier, Philadelphia, 2008

44. Bell JE, **Ahmad CS**: A 40-Year-Old Laborer Has Shoulder Pain. An Electromyograph Reveals Chronic Denervation of the Serratus Anterior Muscle Without Reinnervation. What Is Your Preferred Treatment for a Patient with Chronic Symptomatic Winging of the Shoulder Due to Serratus Anterior Palsy?, *Curbside Consultation of the Shoulder*: Nicholsons GP, Provencher MT, Editors: SLACK Incorporated, New Jersey, 2008
45. Bell JE, **Ahmad CS**: How Do You Manage a High School Quarterback Who Dislocates His Throwing Shoulder (First Time Dislocation) in the First Game of The Season: And How Do You Manage a College Division 1 Quarterback Who Dislocates His Shoulder in the First Game of the Season, *Curbside Consultation of the Shoulder*: Nicholsons GP, Provencher MT, Editors: SLACK Incorporated, New Jersey, 2008
46. Carter CW, Moros, C, **Ahmad CS**, Levine WN: Arthroscopic Anterior Shoulder Instability Repair: Techniques, Pearls, Pitfalls, and Complications, *Instructional Course Lectures Volume 57*: Duwelius, Azar, Editors: American Academy of Orthopaedic Surgeons , Chicago, 2008
47. Yamaguchi K, **Ahmad CS**, ElAttrache NS, Keener J: Shoulder and Elbow Injuries in the Athlete, *Orthopaedic Knowledge Update 9*: Fishgrund J, Editor: American Academy of Orthopaedic Surgeons, Chicago, 2008
48. **Ahmad CS**: Athletic Injuries and the Throwing Athlete: Elbow, *Orthopaedic Knowledge Update: Shoulder and Elbow 3*: Galatz LM, Editor: American Academy of Orthopaedic Surgeons , Chicago, 2008
49. **Ahmad CS**, ElAttrache NS: Double Row Rotator Cuff Repair, *Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine*: Cole BJ, Sekiya JK, Editors: Elsevier, Philadelphia, 2008
50. **Ahmad CS**, ElAttrache NS: Mosaicplasty for Capitellar Osteochondritis Dissecans, *Advanced Reconstruction of the Elbow*: Yamaguchi K, King GJW, McKee, O'Driscoll SWM, Editors: American Academy of Orthopaedic Surgeons , Chicago, 2007
51. **Ahmad CS**, ElAttrache NS: Posteromedial Decompression for Valgus Extension Overload, *Advanced Reconstruction of the Elbow*: Yamaguchi K, King GJW, McKee, O'Driscoll SWM, Editors: American Academy of Orthopaedic Surgeons , Chicago, 2007
52. **Ahmad CS**: Valgus Extension Overload, *Minimally Invasive Shoulder and Elbow Surgery*: Levine WN, Blaine TA, **Ahmad CS**, Editors: Informa Healthcare USA Inc, New York, 2007
53. **Ahmad CS**: SLAP Lesions, *Minimally Invasive Shoulder and Elbow Surgery*: Levine WN, Blaine TA, **Ahmad CS**, Editors: Informa Healthcare USA, Inc, New York, 2007
54. Mirzayan R, Acevedo D, **Ahmad CS**, ElAttrache NS: Management of the Arthritic and Stiff Elbow, *Techniques in Orthopaedic Sports Medicine*: Mirzayan R, Editor: Lippincott Williams & Wilkins, Maryland, 2007
55. **Ahmad CS**: Management of Proximal Biceps Lesions, *Techniques in Orthopaedic Sports Medicine*: Mirzayan R, Editor: Lippincott Williams & Wilkins, Maryland, 2007

56. **Ahmad CS**, Mirzayan R, ElAttrache NS: Ulnar Collateral Ligament Reconstruction, *Techniques in Orthopaedic Sports Medicine*: Mirzayan R, Editor: Lippincott Williams & Wilkins, Maryland, 2007
57. Cadet E, **Ahmad CS**, Levine WN: The Management of Acromioclavicular Joint Osteoarthrosis: Debride, Resect or Leave It Alone, *Instructional Course Lectures Volume 55*: Light, Editor: American Academy of Orthopaedic Surgeons, Chicago, 2006
58. Shubin-Stein BE, **Ahmad CS**: Patellofemoral Disorders, *Sports Medicine*: Schepsis A, Editor: Lippincott Williams & Wilkins, Maryland, 2006
59. **Ahmad CS**, Yamaguchi K, Wolf I, Bigliani LU: The Shoulder, *Sports Medicine: A Comprehensive Approach 2nd edition*: Scuderi and McCann, Editor: Mosby, Inc., Philadelphia, 2005
60. **Ahmad CS**, Levine WN, Blaine TA: *Essentials of Musculoskeletal Imaging*: Johnson TR and Lynne S. Steinbach, Editors: American Academy of Orthopaedic Surgeons, Rosemont, 2004
61. **Ahmad CS**, ElAttrache NS: Acute Elbow Injuries, *Orthopaedic Knowledge Update: Sports Medicine 3*: Garret W, Editor: American Academy of Orthopaedic Surgeons, Chicago, 2004
62. Osgood G, **Ahmad CS**: Two and Three Part Proximal Humerus Fractures, *Shoulder and Elbow Trauma*: Mirzayan R and Itamura JM, Editors: Thieme Medical Publishers, Inc., New York, 2004

#### **Chairman Post-Graduate Courses**

1. Metropolitan Shoulder Symposium, Co-Director, Columbia University Medical Center. New York, NY, May 2010
2. Minimally Invasive Upper Extremity Surgery, Co-Chairman. Columbia University, Columbia-Presbyterian Medical Center. New York, NY, May 2007
3. Lower Extremity Arthroscopy to Arthroplasty, Co-Chairman. Columbia University, Columbia-Presbyterian Medical Center. New York, NY, May 2006
4. Current Concepts in Management of the Lower Extremity, Co-Chairman. Columbia University, Columbia-Presbyterian Medical Center. New York, NY, June 2003

#### **Moderator for Scientific Sessions and Instructional Courses**

##### **AAOS**

1. AAOS Annual Meeting, Shoulder and Elbow Showdown: Management of 4-part Proximal Humeral Fractures-ORIF, Moderator. Orlando, FL March 2016
2. AAOS Annual Meeting, Elbow Arthroscopy: Beginners to Advanced, Moderator. Chicago, IL, February 2013

3. AAOS Annual Meeting, Elbow Arthroscopy: Beginners to Advanced, Moderator. San Francisco, CA, February 2012
4. AAOS Annual Meeting, Glenohumeral and AC Joint Instability, Moderator. New Orleans, LO, March 2010

### **AOSSM**

1. AOSSM Annual Meeting, Moderator, The Adolescent Elbow: A Rapid Fire Case-Based Discussion, Colorado Springs, CO, July 2016
2. AOSSM Annual Meeting, Paper 130: Hamstring Injuries in Major and Minor League Baseball: Are They Preventable? Holly J. Silvers MPT, Bernard Li PT, Lynn Snyder-Mackler PhD, Stephanie Insler BA, **Christopher S. Ahmad MD**, Bert R. Mandelbaum MD, Colorado Springs, CO, July 2016.
3. AOSSM Annual Meeting, IC 102, The Specificity of the ACL Injury in the Young Athlete: Prevention, Surgical Care, and Return to Sport, Bert R. Mandelbaum MD, Robert H. Brophy IV, MD, **Christopher S. Ahmad MD**, Mininder S. Kocher MD, MPH, Colorado Springs, CO, July 2016.
4. AOSSM Annual Meeting, IC 402, The Baseball Thrower: What Can Non-Surgeons Teach Us?, Michael T. Freehill MD, Thomas F. Walter, Jeff Strahm ATC, Matt Hobbs, Kevin E. Wilk PT, DPT, **Christopher S. Ahmad MD**, Colorado Springs, CO, July 2016.
5. AOSSM Annual Meeting, Moderator, Throwing Elbow, Orlando, FL, July 2015.
6. AOSSM Annual Meeting, Paper 72: Physician and Non-physician Inter- and Intra-Observer Reliability of a Field-based Drop Vertical Jump Screening Test for ACL Injury Risk, Lauren H. Redler MD, Jonathan P. Watling MD, Elizabeth R. Dennis MS, Eric F. Swart MD, **Christopher S. Ahmad MD**, Orlando, FL, July 2015
7. AOSSM Annual Meeting, Controversies in Rotator Cuff Surgery, IC 204 (Case-based) Instructional Course, William N. Levine MD, **Christopher S. Ahmad MD**, Anthony A. Romeo MD, Neal S. ElAttrache MD, Orlando, FL, July, 2015
8. AOSSM Annual Meeting, The Specificity of the ACL Injury in the Young Athlete: Prevention, Surgical Care, and Return to Sports IC 106, Instructional Course, Bert R. Mandelbaum MD, Robert H. Brophy MD, Holly J. Silvers MPT, Mininder S. Kocher MD, MPH, **Christopher S. Ahmad MD**, Orlando, FL, July 2015
9. AOSSM Annual Meeting, Scientific Session: Throwing Shoulder, Seattle WA, July 2014
10. AOSSM Annual Meeting, Elbow Injuries in Throwing Athletes IC 204, Instructional Course, **Christopher S. Ahmad MD** (New York, NY); Jeffrey R. Dugas MD (Birmingham, AL); Michael G. Ciccotti MD (Philadelphia, PA), Buddy Savoie, MD, Seattle, WA, July 2014

11. AOSSM Annual Meeting, Are SLAP Repairs Going the Way of the Dinosaur? IC 302, Instructional Course, **Christopher S. Ahmad** MD Chicago, IL, July 2013
12. AOSSM Annual Meeting, Elbow Injuries in Throwing Athletes IC 204, Instructional Course, **Christopher S. Ahmad** MD (New York, NY); Jeffrey R. Dugas MD (Birmingham, AL); Michael G. Ciccotti MD (Philadelphia, PA); George A. Paletta Jr, MD (Chesterfield, MO), Buddy Savoie, MD, Chicago, IL, July 2013
13. AOSSM Annual Meeting, Scientific Session: Elbow: Moderator. Chicago, IL July 2013
14. AOSSM Annual Meeting, Elbow Ligament Injuries in Throwing Athletes IC 302, Instructional Course, **Christopher S. Ahmad** MD (New York, NY); Jeffrey R. Dugas MD (Birmingham, AL); Michael G. Ciccotti MD (Philadelphia, PA); George A. Paletta Jr, MD (Chesterfield, MO), Baltimore, MD, July 2012
15. AOSSM Specialty Day Annual Meeting, Scientific Session 3: Elbow, Moderator. San Francisco, CA, February 2012
16. AOSSM Annual Meeting, AC Joint Scientific Session, Moderator. Rhode Island Convention Center. Providence, RI. July 2010
17. AOSSM Annual Meeting, Glenohumeral Instability-Basic Science, Scientific Session, Moderator. Keystone Resort and Conference Center. Keystone, CO. July 2009

### ***ASES (Moderator)***

1. ASES Specialty Day, Elbow Soft Tissue. Chicago, IL, March 23, 2013
2. ASES Shoulder and Elbow Course, Scientific Papers: Scientific Session 5, Moderator. Boca Raton Resort & Club, FL. May 2012
3. ASES Biennial Open Meeting Shoulder and Elbow Course, Stiffness, Scapula & Nerves, Moderator. Boca Raton Resort & Club, FL. May 2012
4. ASES Specialty Day, Use of Platelet Rich Fibrin to Enhance Rotator Cuff Healing, Moderator. New Orleans, LO. March 2010
5. ASES Shoulder and Elbow Course, Concurrent Sessions, Moderator. Orthopaedic Learning Center. Rosemont, IL. January 2009

### ***Orthopaedics Today Conferences (Moderator)***

1. *Orthopaedics Today Symposium*, Moderator, Sports Elbow Conditions, Waikoloa, HI, January 2016
2. *Orthopaedics Today Symposium*, Moderator, Arthroscopy Following Shoulder Arthroplasty, Koala, HI, January 2015
3. Orthopaedics Today Symposium, Sports Elbow, Moderator, Koloa, Hawaii, January 2015.

4. Orthopaedics Today Symposium, Shoulder Instability, Moderator. FairmKea Lani, Maui, Hawaii. January 2014
5. Orthopaedics Today Symposium, Rotator Cuff, Moderator Kohala Coast, Hawaii, January 2013
6. Orthopaedics Today Symposium, Shoulder Instability, Moderator. Fairmont Kea Lani, Maui, Hawaii. January 2012
7. Orthopaedics Today Symposium, Rotator Cuff, Kauai, Hawaii, January 2011
8. Orthopaedics Today Symposium, Clinical Challenge-Part 2 Elbow Controversies, Moderator. The Fairmont Orchid. Kohala Coast, Hawaii. January 2009
9. Orthopaedics Today Symposium, Elbow Update, Moderator. The Fairmont Orchid. Kohala Coast, Hawaii. January 2009

### ***Distinguished Speaker/Guest Professor***

1. 20<sup>th</sup> Annual Robert K. Kerlan, M.D. Memorial Lecture, Distinguished Lecturer, Adolescent Throwing Injuries, October 13-14, 2016, Los Angeles, CA.
2. 20<sup>th</sup> Annual Robert K. Kerlan, M.D. Memorial Lecture, Invited Lecturer, SKILL: Principles that Surgeons, Athletes, and other Elite Performers use to Achieve Mastery, October 13-14, 2016, Los Angeles, CA.
3. 30<sup>th</sup> Annual Kerlan-Jobe Institute Alumni Research Conference, Tommy John Surgery: Past, Present and the Future, Los Angeles, CA, July 2016.
4. 30<sup>th</sup> Annual Kerlan-Jobe Institute Alumni Research Conference, SKILL: Principles that Surgeons, Athletes, and Other Elite Performers use to Achieve Mastery, Los Angeles, CA, July 2016.
5. Arthrex: Advanced Shoulder Arthroscopy The Cowboy Way, Speaker: Advanced Arthroscopic Techniques for Anterior Instability, Naples, FL May 2016
6. Arthrex: Advanced Shoulder Arthroscopy The Cowboy Way, Speaker: SLAP Lesions and the Overhead Athlete, Naples, FL May 2016
7. Arthrex: Advanced Shoulder Arthroscopy The Cowboy Way, Speaker: Developing Skill in Arthroscopy, Naples, FL May 2016
8. Fairview Health Services Current Concepts in Sports Medicine Conference, Speaker: SKILL: Principles to Achieve Mastery, Edina Minnesota May 2016
9. Fairview Health Services Current Concepts in Sports Medicine Conference, Speaker: Parental Perception vs. Reality of UCL Injuries, Edina Minnesota May 2016
10. Fairview Health Services Current Concepts in Sports Medicine Conference, Panel: Team Physicians X's and O's: A case-based discussion on injuries and disability list decisions, Edina Minnesota May 2016

**Other Conferences (Moderator/Speaker)**

1. New York Orthopaedic Hospital Alumni Association 75<sup>th</sup> Biennial Meeting, Moderator: Sports/Shoulder, New York, NY May 2016
2. New York Orthopaedic Hospital Alumni Association 75<sup>th</sup> Biennial Meeting, Speaker: Remplissage: Lessons Learned and When to Adopt New Procedures, New York, NY May 2016
3. New York Orthopaedic Hospital Alumni Association 75<sup>th</sup> Biennial Meeting, Speaker: Top 5 Things Learned in Residency and After Residency Revealed by our Alumni, New York, NY May 2016
4. New York Orthopaedic Hospital Alumni Association 75<sup>th</sup> Biennial Meeting, Speaker: Improving Performance In and Out of the OR, New York, NY May 2016
5. Inova Capital City Sports Medicine Summit, Speaker: UCL Injuries in the Throwing and Contact Athlete, Nationals Park, Washington DC May 2016
6. 2015 Columbia Shoulder Society Biennial Meeting, Speaker: Tommy John Surgery in 2015 and the MLB Epidemic: Optimizing Tunnels, Grafts, Isometry and Outcomes. Ritz Carlton Naples, Naples, FL June 2015
7. 2015 Columbia Shoulder Society Biennial Meeting, Speaker: Science of Mastery: Comparison of Surgeons and Elite Athletes in Skill Acquisition. Ritz Carlton Naples, Naples, FL June 2015
8. 2015 Columbia Shoulder Society Biennial Meeting, Speaker: Anterior Instability with Bipolar Bone Loss: What to Do? Ritz Carlton Naples, Naples, FL June 2015
9. 2015 Columbia Shoulder Society Biennial Meeting, Moderator: Instability. Ritz Carlton Naples, Naples, FL June 2015
10. OSET Orthopaedic Summit 2014, Evolving Techniques, Sports Medicine and Arthroscopic Surgery, Moderator, ACL Revisited, December 2014
11. Arthrex Surgical Skills Pediatric Orthopaedics and Sports Medicine Symposium, Didactic Session – Elbow, Moderator, SLAP Tears/Repair, June 2012
12. Arthrex Surgical Skills Pediatric Orthopaedics and Sports Medicine Symposium, Didactic Session – Shoulder, Moderator, SLAP Tears/Repair, June 2012
13. 2011 Columbia Shoulder Society Biennial Meeting, Speaker: Sports-PRP in the Clinic and Professional Athletes. The Montage Resort, Deer Valley, Utah. June 2011
14. 2010 Columbia Shoulder Society Biennial Meeting, Speaker: Instability-SLAP vs. Tenodesis (SLAP). The Montage Resort, Deer Valley, Utah. June 2011
15. Metropolitan Shoulder Symposium, Moderator, Instability, Columbia University Medical Center. New York, NY, May 2010
16. Columbia Shoulder Society Biennial Meeting, Moderator. The Mandarin Oriental Resort Hotel. Elbow Beach, Bermuda. June 2009
17. OREF 2003 Residents Conference, Lower Extremity Session, Moderator. Columbia University, Columbia-Presbyterian Medical Center. New York, NY. May 2003

**Multimedia**

1. AAOS/POSNA Webinar: Elbow Injuries in the Adolescent Throwing Athlete, "UCL Injuries in Adolescent Pitchers," June 2016.
2. Kovacevic D, Lowe D, **Ahmad CS**, Orthopedic Video Theater: A Suture Repair of Distal Triceps Rupture with an Anatomic Transosseous Cruciate Construct, *American Academy of Orthopaedic Surgeons*, Orlando, FL March 2016.
3. Kovacevic D, Lowe D, **Ahmad CS**, Orthopedic Video Theater: Bony Bankart Bridge Repair Combined with Remplissage for Complex Shoulder Instability, *American Academy of Orthopaedic Surgeons*, Orlando, FL March 2016.
4. **Ahmad CS**: "Arthroscopic Treatment of Osteochondritis Dissecans". Elbow Arthroscopy DVD, AAOS/AANA, Larry Field and Scott Steinmann co-editors, 2014
5. VUMEDI Webinar, Debates in Shoulder Surgery on Arthroscopic – Mike you don't need a 10 blade – Chris Ahmad, December 16, 2013.
6. Lomas G, **Ahmad CS**: Video Atlas of Shoulder Surgery. Arthroscopic Management of Partial Rotator Cuff Tears in Throwers, McCann, P Editor, Jaypee Medical Publishers, 2013
7. Jobin, C, **Ahmad CS**: Scapulothoracic Bursitis, Orthopaedic Knowledge Online, 2014
8. **Ahmad CS**, Byram I: Elbow MCL Reconstruction, Vumedi Video, 2012
9. **Ahmad CS**, Levine WN, Cole B, Galatz: Rotator Cuff Repair; Vumedi Webcast, 2011
10. Bigliani LU, **Ahmad CS**, Levine WN, Cadet EC: Computer Enhanced Planning for Shoulder Arthroplasty: Columbia Orthopaedic Webcast, 2011
11. Keener J, **Ahmad CS**, Steinmann S, Galatz L, Cole B, Levine WN: Healing in Cuff Repairs: VuMedi, Webinar Logistics, 2011
12. **Ahmad CS**: Standing Room Only-Percutaneous Pinning vs ORIF: Annual Meeting Edition 2011, Controversies in Shoulder Surgery, American Academy of Orthopaedic Surgeons, 2011
13. **Ahmad CS**, ElAttrache NS: Elbow Arthroscopy: Beginners to Advanced, American Academy of Orthopaedic Surgeons, 2009
14. **Ahmad CS**: Arthroscopic Bankart Repair, American Academy of Orthopaedic Surgeons/Arthroscopy Association of North America, 2008
15. **Ahmad CS**, Moros C, Carter C, Levine WN: Arthroscopic Anterior Instability Repair: Techniques, Pearls, Pitfalls, and Complications, Instructional Course Lectures Volume 57 Video Supplement, 2008
16. Moros C, Roberto C, Bahu MJ, Covey A, Levine WN, **Ahmad CS**: Physical Examination of the Shoulder, Orthopaedic Knowledge Online, American Academy of Orthopaedic Surgeons Web Site, 2008
17. **Ahmad CS**, ElAttrache NS: Valgus Extension Overload Teaching Case, The Athlete's Elbow, American Academy of Orthopaedic Surgeons, 2006



18. **Ahmad CS**, ElAttrache NS: Athletic Injuries about the Elbow, Orthopaedic Knowledge Online, American Academy of Orthopaedic Surgeons, 2004
19. **Ahmad CS**, ElAttrache NS: Internal Impingement Teaching Case, The Athlete's Shoulder, American Academy of Orthopaedic Surgeons, 2002

### **Live Surgical Demonstration**

1. **Ahmad CS**. Upper Extremity Liver Surgical Demonstrations Workshop., Arthroscopic Labrum: Around the world in 80 Days, AOSSM, Chicago, IL July 2013.

### **National Research Podium Presentations Presented**

1. **Ahmad CS** Presenter: Arthroplasty: How-To Video II: Medial Collateral Ligament Reconstruction of the Elbow: 2 Techniques, *American Shoulder and Elbow Surgeons, American Academy of Orthopaedic Surgeons Specialty Day*, Orlando, FL, March 2016.
2. Iyengar JJ, Jiang KN, Kwon D, Lustbader GB, **Ahmad, CS**, 3-D Modeling of Humeral Head Defects in Glenohumeral Instability: Clinical Implications of Lesion Morphology and the Glenoid Track Concept, *American Society Shoulder and Elbow Surgeons Closed Meeting*, Las Vegas, October 15, 2013
3. **Ahmad CS**: Development of Patient Specific Computer Model for Glenohumeral Instability, The Herodicus Society, Kohler, WI, July 2013
4. Savoie F, **Ahmad CS**, Paletta G, Altchek A: Elbow Clinical Vignettes: Elbow UCL Injuries, *American Orthopaedic Society for Sports Medicine Specialty Day*, Chicago, IL, March 2013
5. Baker C, **Ahmad CS**, Savoie F, Andrew J: Case Controversy-Throwing Elbow Case Update-Adolescent Pitcher with Abnormal MRI/Medial Elbow Pain: PRP Approach. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Baltimore, MD, July 2012
6. **Ahmad CS**: Injuries To the Overhead Athlete-Technique Video Presentation: Physical Examination of the Overhead thrower. *8<sup>th</sup> Biennial American Academy of Orthopaedic Surgeons/American Shoulder Elbow Surgeons Meeting*, Boca Raton, FL, May 2012
7. **Ahmad CS**: Glenohumeral Instability-Technique Video Presentation: Arthroscopic Management of Anterior Instability. *8<sup>th</sup> Biennial American Academy of Orthopaedic Surgeons/American Shoulder Elbow Surgeons Meeting*, Boca Raton, FL, May 2012
8. Yongpravat C, Lester J, Gardner TR, Bigliani LU, Levine WN, **Ahmad CS**: Effect of Incomplete Reaming on Glenoid Implant Stability in Total Shoulder Arthroplasty. *8<sup>th</sup> Biennial American Academy of Orthopaedic Surgeons/American Shoulder Elbow Surgeons Meeting*, Boca Raton, FL, May 2012

9. Vogel LA, Moen TC, Macaulay AM, Arons R, Cadet E, **Ahmad CS**, Levine WN : SLAP Repair Incidence: A Longitudinal Investigation of Community and Academic Databases Data. *American Shoulder and Elbow Surgeons Specialty Day*, San Francisco, CA, February 2012
10. Tashjian R, Bell J, **Ahmad C**, Keener J: The Unstable Elbow: Current Concepts in Diagnosis and Treatment- UCL Insufficiency: *American Academy of Orthopaedic Surgeons*, San Francisco, CA, February 2012
11. **Ahmad CS**, O'Driscoll SW, ElAttrache NS: Elbow Arthroscopy: Beginners to Advanced. *American Academy of Orthopaedic Surgeons*, San Diego, CA, February 2011
12. Morrey B, **Ahmad CS**, King G, Savoie F: Treatment Options for Patients with Distal Biceps Tears. *American Academy of Orthopaedic Surgeons-AOSSM Specialty Day*, New Orleans, LO, March 2010
13. **Ahmad CS**, Conway J, O'Driscoll S, ElAttrache N: Elbow Arthroscopy: Beginners to Advanced. *American Academy of Orthopaedic Surgeons*, New Orleans, LO, March 2010
14. Flatow W, **Ahmad CS**, Levine WN, McKee M, Boileau P: Controversies in Proximal Humeral Fracture Management: A Case-Based Symposium. *American Academy of Orthopaedic Surgeons*, New Orleans, LA, March 2010
15. **Ahmad CS**, Conway J, Andrews A, ElAttrache N: Soft Tissue Injuries of the Elbow: A Case-Based Symposium: Sensitivity of Version Correction and Glenoid Prosthesis Position on Glenoid Vault Containment. *American Shoulder and Elbow Surgeons Closed Meeting*, New York NY, October 2009
16. Conway JE, **Ahmad CS**: The Throwing Athlete. *American Academy of Orthopaedic Surgeons-Specialty Day*, Las Vegas NV, February 2009
17. Lomas GG, Kippe MA, Brown GD, Ding, A, Gardner TR, Levine WN, **Ahmad, CS**: In-Situ Transtendon Repair Outperforms Tear Completion and Repair for Partial Articular-sided Supraspinatus Tendon Avulsions. *6<sup>th</sup> Biennial American Academy of Orthopaedic Surgeons/American Shoulder Elbow Surgeons Meeting*, Orlando FL, April 2008
18. **Ahmad CS**, Dines JS, ElAttrache NS, Conway J, Smith PA-C: Clinical Outcomes of the DANE TJ Technique to Treat Elbow MCL Insufficiency. *75<sup>th</sup> American Academy of Orthopaedic Surgeons Annual Meeting-Specialty Day*, March 2008
19. **Ahmad CS**, Kleweno C, Jacir A, Bell JE, Gardner TR, Levine WN, Bigliani LU: Biomechanical Performance of Rotator Cuff Repairs with Humeral Rotation: A New Rotator Cuff Repair Failure Model. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Hershey PA, July 2006
20. Park, M, Tibone JE, ElAttrache NS, **Ahmad CS**, Bong JJ Lee TQ: Biomechanical Assessment for a Footprint-Restoring "Transosseous-Equivalent" Rotator Cuff Repair Technique Compared to a Double-Row Technique. *5th Biennial AAOS/ASES Shoulder and Elbow Meeting*, Orlando FL, April 2006

21. Park M, Cadet E, Levine, WN, Bigliani LU, **Ahmad CS**: Comparison of Rotator Cuff Tendon Pressure Against the Tuberosity for Suture Anchor and Transosseous Suture Rotator Cuff Repairs. *Arthroscopy Association of North America Annual Meeting*, Vancouver, BC, May 2005
22. Stewart A, Izquierdo R, Bigliani LU, **Ahmad CS**: Comparison of Tendon Bone Interface Motion for Suture Anchor and Transosseous Suture Rotator Cuff Repairs. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Quebec Canada, June 2004
23. **Ahmad CS**, Izquierdo R, Stanwood W, Blaine TA, Levine WN, Bigliani LU : Results of Anterior-Inferior Capsular Shift in Females. 9th International Congress of Shoulder Surgeons, Washington DC, May 2004
24. **Ahmad CS**, Cohen ZA, Levine WN, Ateshian GA, Mow VC: Co-Dominance of the Individual PCL Bundles in Posterior Tibial Restraint: An Analysis of Bundle Lengths and Orientation. *American Orthopaedic Society for Sports Medicine Specialty Day*, Dallas TX, February 2002
25. **Ahmad CS**, Lee TQ, ElAttrache NS: Biomechanical Evaluation of a New Elbow Ulnar Collateral Ligament Reconstruction using Interference Screw Fixation. *American Orthopaedic Society for Sports Medicine Specialty Day*, Dallas TX , February 2002
26. **Ahmad CS**, Shubin Stein BE, Jeshua W, Nercessian OH, Henry JH: ACL Function Following Tibial Eminence Fractures in Adults. *American Orthopaedic Association 33<sup>rd</sup> Annual Residents Meeting*, St. Louis MO, March 2000
27. **Ahmad CS**, Buchieri JS, McArthy D, Feldman F, Miller, Rosenwasser MP: Evaluation of the Medial Collateral Ligament of the Elbow by MRI Arthrography. American Orthopaedic Association 32nd Annual Residents Meeting, Chapel Hill NC, March 1999
28. **Ahmad CS**, Kwak SD, Mow VC, Ateshian GA, Henry JH, Rodkey WG, Steadman JR: Effects of Patellar Tendon Adhesion to the Anterior Tibia on Knee Mechanics. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans LA, March 1998
29. **Ahmad CS**, Kwak SD, Grelsamer RP, Henry JH, Gardner TR, Ateshian GA, Mow VC: Influence of Iliotibial Band Tension on Patellar Tracking and Patelofemoral Contact. *American Academy of Orthopaedic Surgeons Annual Meeting*, Atlanta GA, February 1996
30. **Ahmad CS**, Frenkel S, Casar R, Alexander H: A Mechanical Testing Technique for Articular Cartilage: A Study of Intrinsic Repair. *American Society of Mechanical Engineers Winter Annual Meeting*, Anaheim CA, November 1992

#### **National Research Podium Presentations Co-Authored**

1. Iyengar J, **Ahmad CS**: 3-D Modeling of Humeral Head Defects in Glenohumeral Instability: Implications of the Glenoid Track, *American Shoulder and Elbow Surgeons Specialty Day*, New Orleans, March 2014

2. Swart E, Redler L, **Ahmad CS**: Prevention Programs for Anterior Cruciate Ligament Injuries: A Cost-Effectiveness Analysis, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
3. Iyengar J, **Ahmad CS**: 3-D Modeling of Humeral Head Defects in Glenohumeral Instability: Implications of the Glenoid Track, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
4. Jobin C, O'Donnel E, Levine WN, **Ahmad CS**: Total Elbow Arthroplasty: A National Analysis of Factors Effecting Length of Stay, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
5. Makhni E, **Ahmad CS**: Performance Metrics Before and After Tommy John Surgery in 160, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
6. Anakwenze O, Levine WN, Jobin C, **Ahmad CS**: Lateral Ulna Collateral Ligament Reconstruction: An Analysis of Ulna, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
7. Redler LH, Byram IR, Luchetti BS, Tsui YL, Moen TC, Gardner TR, **Ahmad CS**: Management of Dog Ear Deformities in a Transosseous Equivalent Rotator Cuff Repair Model, *American Shoulder and Elbow Surgeons Specialty Day*, Chicago, IL, March 2013
8. Byram I, Khanna K, Gardner T, **Ahmad CS**: Characterizing Bone Tunnel Placement in Medial Ulnar Collateral Ligament Reconstruction Utilizing Patient Specific 3D CT Modeling. *American Academy of Orthopaedic Surgeons Annual Meeting*, Chicago, IL, March 2013
9. Byram I, Khanna K, Gardner T, **Ahmad CS**: Characterizing Bone Tunnel Placement in Medial Ulnar Collateral Ligament Reconstruction Utilizing Patient Specific 3D CT Modeling. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Baltimore, MD, July 2012
10. Hsu S, Vogel LA, Macaulay A, Cadet E, Bigliani LU, **Ahmad CS**, Levine WN, MD: Prospective, Randomized Study of Subscapularis Tenotomy Vs. Lesser Tuberosity Osteotomy During TSA. *American Shoulder and Elbow Surgeons Specialty Day*, San Diego, CA, February 2012
11. Bunting H, Macaulay A, Gorroochurn P, Freehill M, Wiater JM, **Ahmad CS**, Bigliani LU, Levine WN: Prospective Multicenter Study of Total Shoulder Arthroplasty for 1° Glenohumeral Osteoarthritis at 5 year follow-up, *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA, February 2012
12. Hsu S, Vogel LA, Macaulay A, Cadet E, Bigliani LU, **Ahmad CS**, Levine WN, MD: Prospective, Randomized Study of Subscapularis Tenotomy Vs. Lesser Tuberosity Osteotomy During TSA. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA, February 2012
13. Yongpravat C, Lester J, Gardner TR, Bigliani LU, Levine WN, **Ahmad CS**: Effect of Incomplete Reaming on Cement Failure in Total Shoulder Arthroplasty. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA, February 2012

14. Greiwe RM, Grantham WJ, **Ahmad CS**: Perceptions of Tommy John Surgery. *American Orthopaedic Society for Sports Medicine Specialty Day*, San Diego CA, February 2011
15. Greiwe RM, Mehta P, Galano G, Saifi CS, **Ahmad CS**: Arthroscopic Stabilization for Voluntary Shoulder Instability. *American Shoulder and Elbow Surgeons Specialty Day*, San Diego CA, February 2011
16. Saifi CS, Greiwe RM, Yongpravat C, Vargas R, Gardner TR, Levine WN, Bigliani LU, **Ahmad CS**: Dependence of Implant Design & Baseplate Height on Glenohumeral Motion for Reverse Total Shoulder Arthroplasty. *American Shoulder and Elbow Surgeons Specialty Day*, San Diego CA, February 2011
17. Greiwe RM, Cody E, Marion CM, **Ahmad CS**, Bigliani LU, Levine WN: Proximally Coated Porous Versus Smooth-Stem Hemiarthroplasty for Fractures of the Proximal Humerus. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA, February 2011
18. Fischer C, Covey A, **Ahmad CS**, Flatow EL, Bigliani LU, Levine WN: 13-18 Year Follow-up of Shoulder Hemiarthroplasty for Glenohumeral Osteoarthritis. *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas NV, February 2009
19. Nowak D, Gardner TJ, Bahu M, Covey A, Bigliani LU, Levine WN, **Ahmad CS**: Interobserver and Intraobserver Reliability of the Walch Classification in Primary Glenohumeral Arthritis. *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas NV, February 2009
20. Nowak D, Bahu M, Gardner TJ, Levine WN, Bigliani LU, **Ahmad CS**: Simulation of Surgical Glenoid Resurfacing: The Amount of Glenoid Retroversion That Can Be Corrected. *American Academy of Orthopaedic Surgeons Annual Meeting*, Las Vegas NV, February 2009
21. Li J, Gardner TJ, Levine WN, Bigliani LU, **Ahmad CS**: Effect of Glenoid Shape on Stress in Glenoid Implants Undergoing Superior Subluxation. *2008 Summer Bioengineering Conference*, Marco Island FL, June 2008
22. Nguyen D, Kippe MA, Barwood S, Setter K, **Ahmad CS**, Blaine TA, Levine WN, Bigliani LU: Management of Posterior Glenoid Wear with a Dual Radius Glenoid Component: Radiographic and Functional Outcomes. *6<sup>th</sup> Biennial American Academy of Orthopaedic Surgeons/American Shoulder Elbow Surgeons Meeting*, Orlando FL, April 2008
23. Edwards, S Lee JA, Bell JE, **Ahmad CS**, Levine WN, Blaine TA. Improved Outcomes with Non-operative Treatment of SLAPs. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Calgary CA, July 2007
24. Dines JS, ElAttrache NS, Smith W, **Ahmad CS**, Conway JE: Clinical Outcomes of the DANE TJ Technique to Treat Medial Ulnar Collateral Ligament Insufficiency of the Elbow. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Calgary CA, July 2007

25. Park, M, Tibone JE, ElAttrache NS, **Ahmad CS**, Bong JJ Lee TQ: Biomechanical Assessment for a Footprint-Restoring “Transosseous-Equivalent” Rotator Cuff Repair Technique Compared to a Double-Row Technique. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Hershey PA, July 2006
26. Aviles S, Shah A, Levine WN, Bigliani LU, **Ahmad CS**: Combined SLAP and Bankart Lesions. *5th Biennial American Academy of Orthopaedic Surgeons/American Shoulder Elbow Surgeons Meeting*, Orlando FL, April 2006
27. Park M, Cadet E, Levine, WN, Bigliani LU, **Ahmad CS**: Comparison of Rotator Cuff Tendon Pressure Against the Tuberosity for Suture Anchor and Transosseous Suture Rotator Cuff Repairs. *American Orthopaedic Society for Sports Medicine Specialty Day*, Washington DC, February 2005
28. Radnay C, Setter K, Levine WN, Bigliani LU, **Ahmad CS**: Meta-Analysis of Total Shoulder Replacement Verses Hemi-Arthroplasty for Shoulder Osteoarthritis. *American Academy of Orthopaedic Surgeons Annual Meeting*, Washington DC, February 2005
29. Setter K, Radnay C, Levine WN, Bigliani LU, **Ahmad CS**: Meta-Analysis of Total Shoulder Replacement Verses Hemi-Arthroplasty for Shoulder Osteoarthritis. *American Shoulder and Elbow Society Specialty Day*, Washington DC, February 2005
30. Levine WN, Heilman N, Clark AM, **Ahmad CS**: Effect of Gender and Maturity on Quadriceps-Hamstring Strength Ratio and Ligament Laxity. *American Orthopaedic Society for Sports Medicine Annual Meeting*, San Diego CA, July 2003
31. **Ahmad CS**, Park MC, ElAttrache NS: Elbow Ulnar Collateral Ligament Insufficiency Alters Posteromedial Olecranon Contact. *American Orthopaedic Society for Sports Medicine Annual Meeting*, San Diego CA, July 2003
32. Stewart AM, Izquierdo R, Bigliani LU, **Ahmad CS**: Comparison of Tendon Bone Interface Motion for Suture Anchor and Transosseous Suture Rotator Cuff Repairs. *OREF New York Resident Research Competition & Symposium*, New York NY, May 2003
33. Sugalski MT, **Ahmad CS**, Wiater JM, Levine WN, Bigliani LU: The Confluence of the Subscapularis Insertion and the Glenohumeral Joint Capsule. *OREF New York Resident Research Competition & Symposium*, New York NY, May 2003
34. Cohen ZA, **Ahmad CS**, Roglic H, Levine WN, Henry JH, Ateshian GA, Mow VC: Biomechanical Considerations for Autologous Osteochondral Grafting of the Femoral Articular Surface. *ASME Summer Meeting*, Big Sky MT, June 1999

### Scientific Exhibit Presentations

1. Mlynarek R, Weber A, Nepple J, Dines J, Li X, **Ahmad CS**, Bedin, A Scientific Exhibit #29: Approach to Diagnosis and Treatment of Shoulder and Elbow Pain in the Skeletally Immature Athlete, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016

**Poster Exhibit Presentations**

- 1 Sanchez J, Watling J, Gorrochurn P, Levine W, **Ahmad CS**, Jobin C: Radiographic Measurements of Shoulder Arthroplasty: Can We Assess Anatomic Restoration?, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
- 2 Fink, L, Luchetti T, Buza J, Jobin C, **Ahmad CS**: Athletes with Shoulder Instability: A Prospective Study of Player Attitudes on Operative vs. Non-Operative Treatment, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
- 3 Conte S, Hodgins J, Flynn N, Ahmad CS, Media Perceptions of Tommy John Surgery, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
- 4 O'Donnel E, Levine WN, Jobin C, **Ahmad CS**: Total Shoulder Arthroplasty: A National Cost Analysis, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
- 5 Dines J, Bradley J, ElAttrache NS, **Ahmad CS**: Poster Presentation P289, Session: Shoulder and Elbow: Platelet Rich Plasma Can Successfully Treat Elbow Ulnar Collateral Ligament, *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, March 2014
- 6 Byram IR, Khanna K, Gardner TR, **Ahmad CS**: Characterizing Bone Tunnel Placement in Medial Ulnar Collateral Ligament Reconstruction Utilizing Patient Specific 3-D CT Modeling, *AOSSM Annual Meeting*, Baltimore, MD July 2012
- 7 Lester J, Yongpravat C, Gardner TR, Bigliani LU, Levine WN, **Ahmad CS**: Glenoid Surface Area After Reaming in Computer Simulated Total Shoulder Arthroplasty. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco, CA, February 2012
- 8 Lester J, Hsu S, Yongpravat C, Gardner TR, Bigliani LU, Levine WN, **Ahmad CS**: Effect of Inaccurate Glenoid Version Measurements on Bone Volume Removed. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco, CA, February 2012
- 9 Vogel LA, Moen TC, Macaulay AM, Arons R, Cadet E, **Ahmad CS**, Levine WN : SLAP Repair Incidence: A Longitudinal Investigation of Community and Academic Databases Data. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco, CA, February 2012
- 10 Levy D, Saifi C, Perri J, Coyle S, Aponte C, Zhang R, Gardner TR, **Ahmad CS**,: Tendon-Bone Healing in a Rat Cannulation Model. *Orthopaedic Research Society*, San Francisco, CA, February 2012
- 11 Yongpravat C, Gardner TR, Bigliani LU, Levine WN, **Ahmad CS**,: Effect of Incomplete Reaming on Glenoid Loosening in Total Shoulder Arthroplasty: A Finite Element Analysis. *Orthopaedic Research Society*, San Francisco, CA, February 2012
- 12 Oungoulian S, Bortz, O, Xu, S, Chang S, **Ahmad CS**, Hung C, Ateshian G: Cartilage Allograft Stabilization with Glutaraldehyde as a Potential Resurfacing Material for Joint Hemiarthroplasty. *Orthopaedic Research Society*, San Francisco, CA, February 2012

- 13 Greiwe RM, Cody E, Saifi CS, **Ahmad CS**, Bigliani LU, Levine WN: Hemiarthroplasty (HHR) For Fracture-Dislocation of the Proximal Humerus Yields Poor Results. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Diego, CA, February 2011
- 14 Vitale M, Arons R, Hurwitz S, **Ahmad CS**, Levine WN: The Rising Incidence of Acromioplasty: An Analysis of Cases Reported to the ABOS from 1999 through 2008. *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA, February 2010
- 15 Dyrska M, Marion C, Douglas N, Yongpravat C, Gardner T, Bigliani LU, Levine WN, **Ahmad CS**: Effects of Version Correction and Glenoid Prosthesis Position in Shoulder Arthroplasty. *American Academy of Orthopaedic Surgeons Annual Meeting*, New Orleans, LA, February 2010
- 16 Nowak D, Bazargan-Lari A, Gardner TJ, Dyrszka M, Bigliani LU, Levine WN, **Ahmad CS**: The Relationship Between Glenoid Retroversion Correction and Volume of Bone Removed in Total Shoulder Arthroplasty. *55<sup>th</sup> Annual Meeting of the Orthopaedic Research Society*, Las Vegas NV, February 2009
- 17 Carter CW, Levine WN, Kleweno CP, Bigliani LU, **Ahmad CS**: Shoulder Range of Motion: Introduction of a Novel Patient Self-Assessment Tool. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco CA, March 2008
- 18 Lomas GG, Kippe MA, Brown GD, Ding, A, Gardner TR, Levine, WNL, **Ahmad, CS**: In-Situ Transtendon Repair Outperforms Tear Completion and Repair for Partial Articular-sided Supraspinatus Tendon Avulsions. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco CA, March 2008
- 19 **Ahmad CS**, Kleweno CP, Bryant W, Jacir A, Levine WN: Quality and Rates of Publication in Sports Medicine Abstracts. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Calgary CA, July 2007
- 20 Park, M, Tibone JE, ElAttrache NS, **Ahmad CS**, Bong JJ LEE TQ: Biomechanical Assessment for a Footprint-Restoring “Transosseous-Equivalent” Rotator Cuff Repair Technique Compared to Double-Row Technique. *Arthroscopy Association of North America*, Hollywood, FL, April 2006.
- 21 Bigliani LU, Barwood S, Setter K, Voloshin I, **Ahmad CS**, Blaine TA, Levine WN: Use of a Novel Glenoid Prosthesis in Patients with Excessive Glenoid Bone Wear. *American Academy of Orthopaedic Surgeons Annual Meeting*, Washington DC, February 2005
- 22 Aviles S, Shah A, Levine WN, Bigliani LU, **Ahmad CS**: Combined SLAP and Bankart Lesions. *American Society for Sports Medicine Annual Meeting*, Keystone CO, July 2005
- 23 Park M, Cadet E, Levine WN, Bigliani LU, **Ahmad CS**: Comparison of Rotator Cuff Tendon Pressure Against the Tuberosity for Suture Anchor and Transosseous Suture Rotator Cuff Repairs. *American Academy of Orthopaedic Surgeons Annual Meeting*, Washington DC, February 2005
- 24 Park M, **Ahmad CS**: Dynamic Contributions of the Flexor-Pronator Mass to Valgus Stability in the Elbow. *American Academy of Orthopaedic Surgeons Annual Meeting*, Washington DC, February 2005



- 25 Bigliani LU, Barwood S, Setter K, Voloshin I, **Ahmad CS**, Blaine TA, Levine WN: Use of a Novel Glenoid Prosthesis in Patients with Excessive Glenoid Bone Wear. *American Shoulder and Elbow Surgeons Closed Meeting*, New York NY, September – October 2004
- 26 **Ahmad CS**, Izquierdo R, Bauer R, Stanwood W, Levine WN: ACL Graft Contamination Survey. *Arthroscopy of North American Annual Meeting*, Orlando FL, April 2004
- 27 Alcid J, Lee Y, McGarry M, **Ahmad CS**, Lee TQ, ElAttrache NS: Effects of Olecranon Resection on Elbow Laxity and Medial Ulnar Collateral Ligament Strain. *American Academy of Orthopaedic Surgeons Annual Meeting*, San Francisco CA, March 2004
- 28 Park MC, **Ahmad CS**, Park MC: Dynamic Contributions of the Flexor-Pronator Mass to Elbow Valgus Stability. *OREF New York Resident Research Competition & Symposium*, New York NY, May 2003
- 29 **Ahmad CS**, Park MC, ElAttrache NS: Elbow Ulnar Collateral Ligament Insufficiency Alters Posteromedial Olecranon Contact. *OREF New York Resident Research Competition & Symposium*, New York NY, May 2003
- 30 Sugalski MT, **Ahmad CS**, Wiater JM, Levine WN, Bigliani LU: The Confluence of the Subscapularis Insertion and the Glenohumeral Joint Capsule. *Arthroscopy of North America Annual Meeting*, Washington DC, April 2002
- 31 Shubin Stein BE, **Ahmad CS**, Pfaff CH, Bigliani LU, Levine WN: A Comparison of MRI Findings of the Acromioclavicular Joint in Symptomatic Verses Asymptomatic Patients. *American Academy of Orthopaedic Surgeons Annual Meeting*, Dallas TX, February 2002
- 32 **Ahmad CS**, Cohen ZA, Levine WN, Ateshian GA, Mow VC: Co-Dominance of the Individual PCL Bundles in Posterior Tibial Restraint: An Analysis of Bundle Lengths and Orientation. *American Academy of Orthopaedic Surgeons Annual Meeting*, Dallas TX, February 2002
- 33 Shubin Stein BE, **Ahmad CS**, Pfaff CH, Bigliani LU, Levine WN: A Comparison of MRI Findings of the Acromioclavicular Joint in Symptomatic Verses Asymptomatic Patients. *American Society for Sports Medicine Annual Meeting*, Orlando FL, July 2002
- 34 **Ahmad CS**, Freehill MQ, Blaine TA, Bauer GS, Murthi AM, Levine WN, Bigliani LU: Anteromedial Capsular Redundancy and Labral Deficiency in Shoulder Instability: The Barrel Stitch. *American Orthopaedic Association Annual Meeting*, Palm Beach FL, June 2001
- 35 Shubin Stein BE, **Ahmad CS**, Charles H. Pfaff, Bigliani LU, Levine WN: A Comparison of MRI Findings of the Acromioclavicular Joint in Symptomatic Verses Asymptomatic Patients. *International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine*, Montreux Switzerland, May 2001
- 36 **Ahmad CS**, Shubin Stein BE, Nercessian O, Henry JH: Comparison of Proprioception and Laxity Among Patients with Treated Tibial Eminence Fractures, ACL Deficiency, and ACL Reconstructions. *Arthroscopy Association of North America 20<sup>th</sup> Annual Meeting*, Seattle WA, April 2001

- 37 **Ahmad CS**, Matus D, Henry JH: Surgical Repair for Acute Patellar Dislocations. American Orthopaedic Association 32nd Annual Residents Meeting, Chapel Hill NC, March 1999
- 38 **Ahmad CS**, Cohen ZA, Levine WN, Ateshian GA, Mow VC: Biomechanical and Topographic Considerations for Osteochondral Grafting in the Knee. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, February 1999
- 39 **Ahmad CS**, Kwak SD, Ateshian GA, Gardner TR, Blankevoort L, Warden WH, Grelsamer RP, Henry JH, Steadman JR, Mow VC: Adhesive Contracture of the Patellar Ligament: Effect on Patellar and Tibial Kinematics and Contact. Annual Meeting of the Orthopaedic Research Society, San Francisco CA, February 1997

### Invited Instructional Course and Symposium Presentations

#### AAOS

1. Makhni E, Crump E, Steinhaus M, Verma N, **Ahmad CS**, Cole B, Bach B, authors, Paper Presentation: Quality and Variability of Physical Therapy Protocols for ACL Reconstruction, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
2. O'Donnell E, Vitale M, **Ahmad CS**, authors, Paper Presentation: A National and Statewide Analysis of Elbow Arthroscopy, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
3. Makhni E, Lamba N, Steinhaus M, Swart E, **Ahmad CS**, Romeo A, Verma N, authors, Paper Presentation: Cost-Effectiveness of Revision Arthroscopic Repair vs Latarjet in Recurrent Instability Following Initial Repair, *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
4. Hodgins J, Kovacevic D, He J, Jobin C, Levine W, **Ahmad CS**, Paper Presentation: Paper #326: Tenotomy or Tenodesis of the Biceps Tendon? How Surgeons Decide. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
5. **Ahmad CS**: Game Changers in Elbow Surgery: New Paradigms that Transformed my Practice—Ligament Reconstruction and the Thrower's Elbow. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando, March 2016
6. AAOS ICL 428: Andrew J, Brockmeier S, Ahmad CS, Diagnosis and Treatment of the Biceps-Labral Complex: The State of the Art 2016, *American Academy of Orthopaedic Surgeons*, Orlando, FL March 2016
7. AAOS ICL 130, Elbow Arthritis in the Young Athlete, Elbow Injuries Surgical Management, *American Academy of Orthopaedic Surgeons*, Orlando, FL March 2016
8. AAOS ICL Symposium Presentation: Session T: Hot Topics and Controversies in Shoulder Surgery, Double Row Repair: The New Gold-Standard, *American Academy of Orthopaedic Surgeons* New Orleans, LA, March 2014
9. AAOS ICL 209-The Unstable Elbow: Current Concepts in Diagnosis and Treatment. Elbow MCL Injuries, *American Academy of Orthopaedic Surgeons* New Orleans, LA, March 2014

10. AAOS ICL 249, **Ahmad CS**, Parsons B, Verborgt O, Galatz L: Arthroscopic Rotator Cuff Repair: An Evolution of Techniques. Are Our Patients Really Benefiting?-Techniques and Implants - Devices, Technique, and Instrumentation and their Effect on Cuff Healing?..*American Academy of Orthopaedic Surgeons*, New Orleans, LA, March 2014
11. AAOS ICL 127, Savoie F, Ramsey M, Romeo A, **Ahmad CS**: Elbow Arthroscopy: Beginners to Advanced- Throwing Elbow Injuries. Throwing Elbow Injuries, *American Academy of Orthopaedic Surgeons*, New Orleans, LA, March 2014
12. AAOS ICL 127-The Unstable Elbow: Current Concepts in Diagnosis and Treatment. Elbow MCL Injuries, *American Academy of Orthopaedic Surgeons* Chicago, IL, March 2013
13. *AAOS ICL 368*, Savoie F, Ramsey M, Romeo A, **Ahmad CS**: Elbow Arthroscopy: Beginners to Advanced- Throwing Elbow Injuries. Throwing Elbow Injuries, *American Academy of Orthopaedic Surgeons*, Chicago, IL, March 2013
14. *AAOS ICL 348*, **Ahmad CS**, Parsons B, Verborgt O, Galatz L: Arthroscopic Rotator Cuff Repair: An Evolution of Techniques. Are Our Patients Really Benefiting?-Techniques and Implants - Devices, Technique, and Instrumentation and their Effect on Cuff Healing?..*American Academy of Orthopaedic Surgeons*, Chicago, IL, March 2013
15. *AAOS ICL* Savoie F, Ramsey M, Romeo A, **Ahmad CS**: Elbow Arthroscopy: Beginners to Advanced- Throwing Elbow Injuries, *American Academy of Orthopaedic Surgeons*, San Francisco, CA, February 2012
16. *AAOS ICL* **Ahmad CS**, Parsons B, Verborgt O, Galatz L: Arthroscopic Rotator Cuff Repair: An Evolution of Techniques. Are Our Patients Really Benefiting?-Techniques and Implants - Devices, Technique, and Instrumentation and their Effect on Cuff Healing?..*American Academy of Orthopaedic Surgeons*, San Francisco, CA, February 2012
17. AAOS ICL 127-The Unstable Elbow: Current Concepts in Diagnosis and Treatment. Elbow MCL Injuries, *American Academy of Orthopaedic Surgeons*, San Francisco, CA, February 2012
18. *2011 AAOS Top Controversies*, Speaker, Elbow Arthroscopy: “How To” Beginners Guide and Shoulder I Transition from Open Capsular Releases and Tennis Elbow Releases to an All-Arthroscopic Technique, New York, NY, October, 2011
19. *AAOS ICL 284*, Arthroscopic Evaluation and Treatment in Shoulder Instability, Faculty. San Francisco CA, March 2008

### **AOSSM**

1. **Ahmad CS**: Elbow, AOSSM & AAOS Sports Medicine Review Course for Subspecialty Certification and Maintenance of Certification, Chicago, August 8, 2014
2. **Ahmad CS**: IC 202 - Rotator Cuff Repair Controversies; Double Row Rotator Cuff Repair – Is it Cost Effective. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Seattle WA, July 2014
3. **Ahmad CS** IC 107-Elbow Ligament Injuries in Throwing Athletes.New Techniques in MCL Reconstructon. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Seattle WA, July 2014

4. Andrews J, Paletta G, **Ahmad CS**: Medial Collateral Ligament Injuries in the throwing Athlete, AOSSM Specialty Day, New Orleans, March 2014
5. **Ahmad CS**: Elbow, AOSSM & AAOS Sports Medicine Review Course for Subspecialty Certification and Maintenance of Certification, Chicago, August 9, 2013
6. **Ahmad CS**, Provencher M, Romeo AA: IC 302-Case-Based: Are SLAP Repairs Going the Way of the Dinosaur? Top 3 reasons to fix a SLAP tear. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Chicago, IL, July 2013
7. **Ahmad CS**, Dugas J, Ciccotti M, Paletta G, Savoie F: IC 204-Elbow Ligament Injuries in Throwing Athletes. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Chicago, IL, July 2013
8. **Ahmad CS**, Dugas J, Ciccotti M, Paletta G: IC 302-Elbow Ligament Injuries in Throwing Athletes. *American Orthopaedic Society for Sports Medicine Annual Meeting*, Baltimore, MD, July 2012
9. *AOSSM Annual Meeting, Faculty*, Case Controversy: Throwing Elbow Case Update –Adolescent Pitcher with Abnormal MRI/Medial Elbow Pain, Moderator: Champ L. Baker Jr, MD (Columbus, GA) 12:05 – 12:11pm Conservative/PRP Approach Christopher S. Ahmad MD (New York, NY)
10. *AOSSM Annual Meeting, Faculty*, IC: Throwing Elbow Injuries, Baltimore, MD. July 2012
11. *AOSSM Annual Meeting, Faculty*, IC: Case Based-Elbow Tendon and Nerve Conditions in Athletes. San Diego, CA. July 2011
12. *AOSSM Annual Meeting, Faculty*, IC: Overview of the Athlete’s Elbow. Providence, RI. July 2010
13. *AOSSM Annual Meeting, Faculty*, IC: Biceps Tendon Injuries: From Shoulder to the Elbow. Providence, RI. July 2010
14. *AOSSM Annual Meeting, Faculty*, IC: Overview of the Athlete’s Elbow, Tendon Problems in the Athlete’s Elbow. Keystone, CO. July 2009
15. *AOSSM Annual Meeting, Faculty*, Forgive the Interruption, Double Row Rotator Cuff Repair. Orlando FL, July 2008
16. *AOSSM Annual Meeting ICL, Faculty*, Rotator cuff: Partial Thickness Rotator Cuff Repairs. Orlando FL. July 2008
17. *AOSSM ICL, Faculty*, Rotator Cuff: Partial Thickness Rotator Cuff Repairs. Hershey PA, June 2007
18. *AOSSM ICL, Faculty*, Rotator Cuff: Partial Thickness Rotator Cuff Repairs. Hershey PA, June 2006

## **ASES**

1. *AAOS/ASES Shoulder and Elbow Course, Faculty*, Elbow Arthroscopy, Technique of Arthroscopic Tennis Elbow Release. Rosemont IL, January 2009

2. *AAOS/ASES Shoulder and Elbow Course*, Faculty, Miscellaneous and Emerging Arthroscopic Techniques, Arthroscopic Capsular Release. Rosemont IL, January 2009
3. *AAOS/ASES Shoulder and Elbow Course*, Faculty, Technique of Arthroscopic Biceps Tenodesis, Knot Tying Lab. Rosemont IL, January 2009
4. *ASES/AAOS Open Meeting Symposium*, Faculty, Double Row Rotator Cuff Repair. San Francisco CA, March 2008
5. *AAOS/ASES Shoulder and Elbow*, Faculty, Surgical Techniques & Management, Arthroscopic Tennis Elbow Release. Rosemont IL, January 2007
6. *ASES/AAOS Orthopaedic Learning Center Shoulder Course*, Point Counter Point: CC Ligament Reconstruction. Rosemont IL, January 2006
7. *ASES/AAOS Orthopaedic Learning Center Shoulder Course*, SLAP Lesions: Which To Repair and How To Do It. Rosemont IL, January 2006

### ***Arthrex Sponsored Symposiums***

1. *Arthrex Surgical Skills Master Shoulder*, Speaker, Advancement in Rotator Cuff Repair, New York, NY, April 18, 2015
2. *Arthrex Surgical Skills Master Shoulder*, Speaker, SLAP Repair and Proximal Biceps Tenodesis Options, New York, NY, April 18, 2015
3. *Arthrex Surgical Skills Master Shoulder*, Speaker, Total Shoulder Arthroplasty, Manhattan NYC, October 25, 2014
4. *Arthrex Surgical Skills Master Shoulder*, Speaker, Posterior and Multi-Directional Instability, Manhattan NYC, October 25, 2014
5. *Arthrex Surgical Skills Master Shoulder*, Speaker, Anterior Instability, Manhattan NYC, October 25, 2014
6. *Arthrex Surgical Skills Master Shoulder*, Speaker, Pearls for Subscapularis Repair, Manhattan NYC, October 25, 2014
7. *Arthrex Surgical Skills Pediatric Orthopaedics and Sports Medicine Symposium*, Speaker, SLAP Tears/Repair, June 2012
8. *Arthrex Surgical Skills Pediatric Orthopaedics and Sports Medicine Symposium*, Speaker, MPFL Reconstruction an Alternate Technique, June 2012
9. *Arthrex Surgical Skills Pediatric Orthopaedics and Sports Medicine Symposium*, Speaker, Transepiphyseal ACL Reconstruction, June 2012
10. *Arthrex North American Sports Medicine Symposium*, Speaker, Medial Patellofemoral Ligament Reconstruction-Two Techniques, January 2012
11. *Arthrex North American Sports Medicine Symposium*, Speaker, Double Row Labral Repair-Technique and Indications, January 2012

12. *Arthrex Surgical Skills Training Course*, Speaker, Pediatric Ligament Injury Course-The Pediatric Shoulder, September 2011
13. *Arthrex Surgical Skills Training Course*, Speaker, Pediatric Ligament Injury Course-Current Concepts in Pediatric MPFL Reconstructions, September 2011
14. *Arthrex Knee & Shoulder Lab Course*, Instructor, New York, NY December 2010
15. *Arthrex Surgical Skills Training Course*, Faculty, Surgical Management of Upper Extremity Injuries in Pitchers-Lacertus Syndrome and Ulnar Nerve Injuries, March 2010
16. *Arthrex Surgical Skills Training Course*, Moderator, Surgical Management of Upper Extremity Injuries in Pitchers--SLAP/PASTA Repair/Posterior Capsular Release, March 2010
17. *Arthrex Surgical Skills Training Course*, Faculty, Surgical Management of Upper Extremity Injuries in Pitchers- Internal Impingement, March 2010
18. *Arthrex, Inc Western Symposium*, Faculty, Medial Patellofemoral Ligament Reconstruction: Current Concepts. Tracy CA, April 2008
19. *Arthrex GIDA Symposium*, Resurfacing and Realignment Strategies in Knee Reconstruction. Naples FL, February 2006
20. *Arthrex GIDA Symposium*, Approach to Multi Ligament Knee Reconstruction. Naples FL, February 2006
21. *Arthrex CSES Fellows Training*, Naples FL Knee Ligament Reconstruction. Naples FL, August 2005
22. *Arthrex CSES Fellows Training*, Shoulder Arthroscopy. Naples FL, August 2005
23. *Arthrex Elbow Arthroscopy Series*, Elbow MCL Reconstruction. Scottsdale AZ, July 2004
24. *Arthrex Elbow Arthroscopy Series*, Arthroscopic ECRB Release. Scottsdale AZ, July 2004
25. *Arthrex Elbow Arthroscopy Series*, Elbow Arthroscopy in Throwing Athletes. Scottsdale AZ, July 2004
26. *Arthrex Elbow Arthroscopy Series*, Basic Elbow Arthroscopy. Scottsdale AZ, July 2004
27. *Arthrex Shoulder Surgery Course*, Arthroscopic Rotator Cuff Repair and Arthroscopic Biceps Tenodesis. Naples FL, January 2004
28. *Arthrex Worldwide Surgeon Instructors Meeting*, Double Bundle PCL Reconstruction, New Techniques and Biomechanical Results. Naples FL, January 2004
29. *Arthrex Masters in Shoulder Surgery Course*, Faculty, Arthroscopic Shoulder Instability Surgery and SLAP Repair Techniques. Naples FL, November 2003

### ***Orthopedics Today Symposia***

1. *Orthopedics Today Symposium*, Faculty, Surgical Spotlight: Double Row Labral Repair and Remplissage Technique, Waikoloa, HI, January 2016

2. *Orthopedics Today Symposium*, Faculty, Partial Thickness Rotator Cuff Tears: Take Down vs. In Situ Repair, Waikoloa, HI, January 2016
3. *Orthopedics Today Symposium*, Faculty, Short Stems and Resurfacing Implants: Are They Better Than Traditional Stems?, Waikoloa, HI, January 2016
4. *Orthopedics Today Symposium*, Faculty, Surgical Spotlight: Elbow Arthroscopy Basics and Treatment of Capitellar OCD, Waikoloa, HI, January 2016
5. *Orthopedics Today Symposium*, Faculty, Panel Discussion: Getting Control of High School Baseball Elbow Injuries, Waikoloa, HI, January 2016
6. *Orthopedics Today Symposium*, Faculty, Shoulder Instability and Labral Repair Complications, Koala, HI, January 2015
7. *Orthopedics Today Symposium*, Faculty, Double Row Rotator Cuff Repair: Why or Why Not, Koala, HI, January 2015
8. *Orthopedics Today Symposium*, Faculty Arthroscopy Following Shoulder Arthroplasty, Koala, HI, January 2015
9. *Orthopedics Today Symposium*, Faculty, Distal Biceps Rupture: What Technique is Best? Koala, HI, January 2015
10. *Orthopedics Today Symposium*, Faculty, High School Baseball Elbow Injuries, Koala, HI, January 2015
11. *Orthopedics Today Symposium*, Faculty, overhead throwing athletes – what do I do with all those positive MRI results? Maui, Hawaii, January 2014
12. *Orthopedics Today Symposium*, Faculty, top 5 pearls for percutaneous management of proximal humerus fractures, Maui, Hawaii, January 2014
13. *Orthopedics Today Symposium*, Faculty, Partial Thickness Rotator Cuff Tears: How do I decide, Maui, Hawaii, January 2014
14. *Orthopedics Today Symposium*, Faculty, Combined bone loss: Fix it on the humerus or the glenoid or both, Maui, Hawaii, January 2014
15. *Orthopedics Today Symposium*, Faculty, Biceps Tenodesis – Supra or Subpectoral: Does it Really Matter?, Kona Hawaii, January 2013
16. *Orthopedics Today Symposium*, Faculty, Lots of Enthusiasm, but what About the Long-Term Concerns of Reverse TSA for 4-Part Fractures, Kona Hawaii, January 2013
17. *Orthopedics Today Symposium*, Faculty, Surgicenter Approach – Is the Increased Cost of a Double Row Repair Worth it?, Kona Hawaii, January 2013
18. *Orthopedics Today Symposium*, Faculty, Top 5 Pearls for Surgical Success in Instability Surgery, Kona Hawaii, January 2013
19. *Orthopedics Today Symposium*, Faculty, AC Joint Recon: Modified Weaver-Dunn is History!, Kihei Hawaii, January 2012

20. *Orthopedics Today Symposium*, Faculty, (Trauma) Clavicle Fractures: Indications and Techniques Have changed, Kihei Hawaii, January 2012
21. *Orthopedics Today Symposium*, Faculty, (Rotator Cuff) Partial Thickness Rotator Cuff Tears: Debride, In Situ Repair, or Convert to Full Thickness Repair. Kihei Hawaii, January 2012
22. *Orthopedics Today Symposium*, Faculty, Bone Procedures: When, Why and How?. Kihei Hawaii, January 2012
23. *Orthopedics Today Symposium*, Faculty, Management of Complications Related to Shoulder Fractures. Kihei Hawaii, January 2012
24. *Orthopedics Today Symposium*, Faculty, Management of Shoulder Fracture – Dislocations. Kihei Hawaii, January 2012
25. *Orthopedics Today Symposium*, Faculty, AC Joint Reconstructions: Weaver Dunn Is History!, Kauai, Hawaii, January 2011
26. *Orthopedics Today Symposium*, Faculty, Closed Reduction/PERC Pinning: How To Minimize Complications, Kauai, Hawaii, January 2011
27. *Orthopedics Today Symposium*, Faculty, Partial Thickness Cuff Tears: When Should I Debride, Repair or convert To Full Thickness Repair?, Kauai, Hawaii, January 2011
28. *Orthopedics Today Symposium*, Moderator, Shoulder Part 1 Rotator Cuff, Kauai, Hawaii, January 2011
29. *Orthopedics Today Symposium*, Faculty, Bone Procedures: When To and How To, Kauai, Hawaii, January 2011
30. *Orthopedics Today Symposium*, Faculty, Upper Extremity Infection. Maui Hawaii, January 2010
31. *Orthopedics Today Symposium*, Faculty, Percutaneous Pinning: My Pearls to Improve Outcomes. Maui Hawaii, January 2010
32. *Orthopedics Today Symposium*, Faculty, MCL in 2010-My Approach. Maui Hawaii, January 2010
33. *Orthopedics Today Symposium*, Faculty, Pearls and Pitfalls of Anterior Instability Repair. Maui Hawaii, January 2010
34. *Orthopedics Today Symposium*, Faculty, Cuff Tear Recognition-Is it L or a U?. Maui Hawaii, January 2010
35. *Orthopaedics Today Symposium*, Faculty, Patellofemoral Osteoarthritis, PFJ Chondral Injury and Management. Kohala Coast Hawaii, January 2009
36. *Orthopaedics Today Symposium*, Faculty, Shoulder and Elbow Arthroplasty Updates 2009, Cuff Tear Arthroplasty Treatment Options. Kohala Coast Hawaii, January 2009
37. *Orthopaedics Today Symposium*, Moderator, Elbow Update 2009, Management of Distal Biceps Injuries. Kohala Coast Hawaii, January 2009
38. *Orthopaedics Today Symposium*, Faculty, Shoulder Update 2009, Clavicle Fractures. Kohala Coast Hawaii, January 2009



39. *Orthopaedics Today Symposium*, Faculty, Shoulder Update 2009, Massive Cuff Tears: Techniques to Fix. Kohala Coast Hawaii, January 2009
40. *Orthopaedics Today Symposium*, Faculty, Patellofemoral Update 2009, Is There Such an Entity as a Symptomatic Medial Synovial Plica? What is the Role of MPFL Surgery? Kohala Coast Hawaii, January 2009
41. *Orthopedics Today Symposium*, Faculty, 72 Year Old Female With 4-part Proximal Humerus Fracture: ORIF/Perc Pinning Makes Sense. Maui Hawaii, January 2008
42. *Orthopedics Today Symposium*, Faculty, Cuff Tear Arthropathy: How I Choose the Right Prosthesis. Maui Hawaii, January 2008
43. *Orthopedics Today Symposium*, Faculty, Panel Discussion: When do I Consider Proximal and Distal Realignment of the Extensor Mechanism. Maui Hawaii, January 2008
44. *Orthopedics Today Symposium*, Faculty, Reconstruction of the MPFL: Current Concepts. Maui Hawaii, January 2008
45. *Orthopedics Today Symposium*, Faculty, Elbow Update 2008 – Case Discussion. Maui Hawaii, January 2008
46. *Orthopedics Today Symposium*, Faculty, Lateral Epicondylitis: Current Management Strategies. Maui Hawaii, January 2008
47. *Orthopedics Today Symposium*, Faculty, Arthroscopic Double Row Suture Bridge RCR: Rational. Maui Hawaii, January 2008
48. *Orthopedics Today Symposium*, Faculty, Clinical Case Challenge – Part 2, Initial Anterior Shoulder Dislocation: When to do Surgery. Maui Hawaii, January 2008
49. *Orthopedics Today Symposium*, Faculty, Clinical Case Challenge – Part 1, AC Joint Injuries and Clavicle Fractures: When Do I Operate? Maui Hawaii, January 2008
50. *Orthopedics Today Symposium*, Faculty, Clavicle Fractures. Maui Hawaii, January 2008
51. *Orthopedics Today Symposium*, Faculty, Pain and Rehabilitation Management Round Table – Shoulder and Knee: Recent Advances in Controlling Postoperative Pain. Maui Hawaii, January 2008
52. *Orthopedics Today Symposium*, Faculty, Multidirectional and Posterior Shoulder Instability. Maui Hawaii, January 2008

## Other

1. *MLB 2016 Winter Meeting*, Program Chair, National Harbor, MD, December 3, 2016.
2. *MLB 2016 Winter Meeting*, Shoulder Injuries, Moderator, National Harbor, MD, December 3, 2016.
3. *MLB 2016 Winter Meeting*, Case Presentations and Panel Discussion, Moderator, National Harbor, MD, December 3, 2016.

4. *MLB 2016 Winter Meeting*, Video Spotlight: UCL Repair Technique, National Harbor, MD, December 3, 2016.
5. *MLB 2016 Winter Meeting*, Case Outfielder with Traumatic Shoulder Dislocation: Indications and Technique, and Return to Play, December 3, 2016.
6. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, Course Director, New York, NY, November 3-4, 2016.
7. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, Case-based Modern Multimodal Analgesia, New York, NY, November 3, 2016.
8. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, The Batters Shoulder and Posterior Labral Tears, New York, NY, November 3, 2016.
9. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, Physical Exam of the Elbow, New York, NY, November 4, 2016.
10. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, Augmented UCL Repair, New York, NY, November 4, 2016.
11. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, Revision UCL Reconstruction, New York, NY, November 4, 2016.
12. *1<sup>st</sup> Annual Baseball Sports Medicine Game-Changing Concepts*, Little Leaguers Elbow and Medial Epicondyle Apophyseal Avulsion, New York, NY, November 4, 2016.
13. *Hospital for Special Surgery and MLS '16 Medical Symposium*, 2016 Considerations for ACL: What are the Causes of Failure, Fort Lauderdale, Florida, January 9, 2016
14. *Hospital for Special Surgery and MLS '16 Medical Symposium*, Expert Panel: Case Discussion, Debate and Controversies in Knee Injuries 2016, Fort Lauderdale, Florida, January 9, 2016
15. *2015 Baseball Medicine Conference*, UCL Reconstruction: The Role of Posterior Debridement and Ulnar Nerve Transposition, Los Angeles, November 20, 2015
16. *2015 Micheli Lecture, Throwing Injuries in the Young Athlete: Diagnosis, Treatment, Rehabilitation & Prevention*, Micheli Lecture: Shoulder Injuries in the Throwing Athlete, and Elbow Injuries in the Throwing Athlete, Boston Children's Hospital, September 27, 2015
17. *Orthopaedic Summit 2014, Evolving Techniques, Sports Medicine & Arthroscopic Surgery*, Pediatric Knee, All Epiphysial: All-Inside Using Hamstring, Las Vegas, December 4, 2014
18. *Current Frontiers: New Techniques in Management and Diagnosis of Tendinopathy*, Needle Fenestration and Ablation, New York, April 12, 2014
19. *Emerging Techniques In Orthopedics, The American Journal of Orthopedics*, Performance in School After ACL Reconstruction – Should We Hold Off Until the Summer?, Bellagio, Las Vegas, December 6, 2013
20. *MLB 2013 Winter Medical Meeting*, "Hamstring Research Study Group Update: What is the Problem and what can we do about it", Dolphin Hotel , Orlando , December 1, 2013

21. *Hilltop to the New Yankee Stadium*, Connecticut Orthopaedic Society's 2013 Annual Meeting, Farmington, CT, May 10, 2013
22. *Evolution of Elbow MCL Reconstruction*, Connecticut Orthopaedic Society's 2013 Annual Meeting, Farmington, CT, May 10, 2013
23. *Center for Shoulder, Elbow and Sports Medicine - Current Concepts in Shoulder Surgery*, Current Cartilage Resurfacing Strategies in Addressing Focal Humeral and Glenoid Chondral Lesions, New York, April 20, 2013
24. *Center for Shoulder, Elbow and Sports Medicine - Current Concepts in Shoulder Surgery*, Looking Towards the Future: 2013 Update on Current Surgical Techniques in Rotator Cuff Repair, New York, April 20, 2013
25. *Center for Shoulder, Elbow and Sports Medicine - Current Concepts in Shoulder Surgery*, SLAP Tears: If, When, and Whom Should We Fix Them?, New York, April 20, 2013
26. *Center for Shoulder, Elbow and Sports Medicine - Current Concepts in Shoulder Surgery*, Pitch Selection in the Adolescent Thrower: Are Curve Balls Appropriate in these Throwers, New York, April 20, 2013
27. *The Marshal Meeting*, Capsular Stretch Injury, Hospital for Special Surgery, New York, April 18, 2013
28. *Emerging Techniques In Orthopedics, The American Journal of Orthopedics*, Conflicts I have had as a Team Physician: How to Stay Ethical, Bellagio, Las Vegas, December 8, 2012
29. *Emerging Techniques In Orthopedics, The American Journal of Orthopedics*, Debate: Bracing as an Alternative to Surgery in Adolescent ACL Injuries (Con – Surgical) Bellagio, Las Vegas, December 6, 2012
30. *Emerging Techniques In Orthopedics, The American Journal of Orthopedics*, Making Sense of timing and the Right ACL Procedure for Children with Open Growth Plates: Effect on Performance in School, Bellagio, Las Vegas, December 6, 2012
31. *MLB 2012 Winter Medical Meeting, "Hamstring Research Study Group Update"*, Gaylord Opryland Hotel, Nashville, December 1, 2012
32. *26<sup>th</sup> Annual Kerlan-Jobe Alumni Research Conference*, Speaker, Characterizing Bony Tunnels in Medial Collateral Ligament Reconstructions Using Patient Specific 3D CT Modeling, July 2012
33. *Columbia Orthopaedics Pediatric Program*, Speaker, Concussions in Youth Athletes: What Every Pediatrician Shoulder Know, Tarrytown Conference Center, June 2012
34. *Columbia Orthopaedics Pediatric Program*, Speaker, Understanding the ACL Injury Epidemic in Pediatric Athletes and Novel Approaches to Treatment, Tarrytown Conference Center, June 2012
35. *8<sup>th</sup> TRIARQ Symposium*, Speaker, Athletic Elbow Injuries: Advances in the Diagnosis & Management of Elbow Throwing Injuries, New York, NY, December, 2011
36. *8<sup>th</sup> TRIARQ Symposium*, Speaker, Athletic Elbow Injuries: Hilltop to Yankees Stadium, New York, NY, December, 2011

37. *Injuries of the Overhead Athlete Symposium*, Speaker, Ulnar Collateral Ligament Injuries, November 2011
38. *Kerlan-Jobe Fellowship Alumni Research conference*, Faculty, New Approaches to Surgical Simulation Research. San Diego, CA, July 2011
39. *NYOH Alumni Meeting*, Faculty, Update on Shoulder Computer-Aided Research. New York NY, May 2011
40. *New York-Presbyterian Morgan Stanley Children's Hospital and The Parents League of New York*, Speaker, Pediatric Sports Medicine Injuries-Sports and Our Kids: From Injury Prevention to Emergency Room Visits, November 15, 2010
41. *New York University CME Program*, Speaker, Current Concepts in the Treatment of Rotator Cuff Tears-Arthroscopic Rotator Cuff Repair-Double Row Technique, November 7, 2010
42. *Acumed New York Upper Extremity Course*, Faculty, Surgical Management of Midshaft Clavicle Fractures, September 17, 2010
43. *Metropolitan Shoulder Symposium*, Faculty, Failed Instability and Labral Surgery: Case Examples, New York, May 2010
44. *The Brooklyn Orthopaedic Society*, Faculty, Hilltop To New Yankee Stadium, January 28, 2010
45. *The Brooklyn Orthopaedic Society*, Faculty, Adolescent Upper Extremity Sports Injuries, January 28, 2010
46. *Director of Service Meeting*, Faculty, Hilltop to New Yankee Stadium. NYOH, December 2009
47. *International Symposium on Shoulder and Elbow Arthroscopy*, Faculty, Mechanics of Repair: What is the Best Construct? New York, NY October 2009
48. *Annual Update and Intensive Review of Internal Medicine*, Faculty, Review of Sports Medicine. NYOH, August 2009
49. *Kerlan-Jobe Fellowship Alumni Research conference*, Faculty, Hilltop to New Yankee Stadium. Keystone CO, July 2009
50. *Boston Sports Medicine Symposium*, Faculty, Rotator Cuff-Biomechanical Rationale for Footprint Reconstruction Techniques. Boston MA, June 2009
51. *Boston Sports Medicine Symposium*, Faculty, Glenohumeral Instability-Posterior Instability and Associated Throwing Shoulder Issues. Boston MA, June 2009
52. *Boston Sports Medicine Symposium*, Faculty, Glenohumeral Instability-Approaches to Posterior (+270 deg) Glenohumeral Instability. Boston MA, June 2009
53. *2009 Columbia Shoulder Society Biennial Meeting*, Hilltop to New Yankee Stadium. Elbow Beach, Bermuda, June 2009
54. *NYOH Alumni Meeting*, Faculty, Hilltop to New Yankee Stadium. New York NY, May 2009
55. *Kerlan Jobe Orthopedic Clinic Alumni Conference*, Bisphosphonate Treatment Affects Greater Tuberosity Osteopenia in a Rat Model. Hershey PA, July 2008

56. *Columbia University Standard in Adult Reconstruction Symposium*, Faculty, Current Concepts in Hip Arthroscopy. New York NY, May 2008
57. *Columbia University Standard in Adult Reconstruction Symposium*, Faculty, Current Concepts in ACL Reconstruction. New York NY, May 2008
58. *New York Orthopaedic Society for Sports Medicine*, What's Hot and What's Not, Faculty, ACL Injuries in the Skeletally Immature Athlete. New York NY, December 2007
59. *Mount Sinai Advanced Elbow Course*, Faculty, Management of Osteochondral Lesions. New York NY, October 2007
60. *Metropolitan Shoulder Symposium*, Faculty, Does Reverse have a Role for Acute Shoulder Fractures? New York, October 2007
61. *Evaluation & Treatment of the Injured Athlete*, Faculty, Sports Medicine Update, Shoulder Resurfacing, Hemiarthroplasty, Total Shoulder Arthroplasty, June 2007
62. *Evaluation & Treatment of the Injured Athlete*, Faculty, Sports Medicine Update, Revision Shoulder Instability and Management of Bone Deficiency, June 2007
63. *Evaluation & Treatment of the Injured Athlete*, Faculty, Sports Medicine Update, Irreparable Rotator Cuff Tears, June 2007
64. *Columbia Shoulder Biennial Meeting*, Faculty, Research Concepts and Statistics Review. Ojai CA, June 2007
65. *Columbia Shoulder Biennial Meeting*, Faculty, Hip/Pelvis/Thigh Sports Injuries Update. Ojai CA, June 2007
66. *Evaluation & Treatment of the Injured Athlete*, Faculty, Sports Medicine Update, Double Row Rotator Cuff Repair; Rational and Techniques, June 2007
67. *Columbia Shoulder Biennial Meeting*, Faculty, Pre- Participation Physical Examination and On-field Care of the Injured Athlete. Ojai CA, June 2007
68. *Columbia Shoulder Biennial Meeting*, Faculty, Sports Related Elbow Injury Update. Ojai CA, June 2007
69. *Columbia Shoulder Biennial Meeting*, Faculty, The Pediatric Athlete. Ojai CA, June 2007
70. *Minimally Invasive Shoulder and Elbow Surgery Update CME*, Faculty, Orthopaedic Trauma: What We Need To Know, Rehabilitation Following Shoulder Surgery. New York NY, May 2007
71. *Minimally Invasive Shoulder and Elbow Surgery Update CME*, Faculty, Arthroscopic Instability – When Do I Do It And How Do I Maximize Outcomes? New York NY, May 2007
72. *Minimally Invasive Shoulder and Elbow Surgery Update CME*, Faculty, When Do I Fix Clavicle Fractures? New York NY, May 2007
73. *Minimally Invasive Shoulder and Elbow Surgery Update CME*, Faculty, Management of the Adolescent Painful Elbow. New York NY, May 2007

74. *New York Hospital Orthopaedic Hospital Alumni Association Biennial Meeting*, Faculty, Tommy John Surgery. New York NY, April 2007
75. *New York Hospital Orthopaedic Hospital Alumni Association biennial Meeting*, Faculty, Optimizing Arthroscopic Rotator Cuff Repair. New York NY, April 2007
76. *Pediatric Surgery for the Pediatrician: 4<sup>th</sup> Annual conference*, Children's Hospital of New York, Faculty, Advances in Pediatric and Adolescent Sports Medicine. New York NY, April 2007
77. *Kerlan Jobe Orthopedic Clinic Alumni Conference*, Influence of Training on Proficiency of All-Arthroscopic Rotator Cuff Repair. Hershey PA, June 2006
78. *Lower Extremity from Arthroscopy to Arthroplasty*, Faculty, ACL Revision. New York NY, May 2006
79. *Lower Extremity from Arthroscopy to Arthroplasty*, Faculty, Hip Scope. New York NY, May 2006
80. *Northeast Sports Medicine Conference*, Transosseous Equivalent Rotator Cuff Repair: Pearls and Pitfalls. West Point NY, May 2006
81. *Kerlan-Jobe Fellowship Alumni Research conference*, Faculty, Effect of Gender and Maturity on Quadriceps-Hamstring Strength Ratio and Anterior Cruciate Ligament laxity. Keystone CO, July 2005
82. *9<sup>th</sup> ICSS Meeting*, Faculty, Anterior Inferior Capsular Shift in Females Less than 40 Years Old. Washington DC, May 2005
83. *NYOH Biennial Meeting*, Faculty, Rotator Cuff Repair Mechanics. New York NY, May 2005
84. *NYOH Biennial Meeting*, Faculty, SLAP Lesions and Shoulder Instability. New York NY, May 2005
85. *NYOH Biennial Meeting*, Faculty, Proximal Humerus Fractures. New York NY, May 2005
86. *NYOH Biennial Meeting*, Faculty, Partial Thickness Rotator Cuff Repair In Situ. New York NY, May 2005
87. *NYOH Biennial Meeting*, Faculty, Elbow Open and Arthroscopic Releases. New York NY, May 2005
88. *AANA Annual Meeting*, Patellofemoral Problems Instructional Course, Faculty, Tendon-to-Bone Pressure Distributions at a Repaired Rotator Cuff Footprint Using Transosseous Suture and Suture Anchor Fixation Techniques. Vancouver Canada, May 2005
89. *AANA Annual Meeting*, Patellofemoral Problems Instructional Course, Faculty, Medial Patellofemoral Ligament Repair and Reconstruction. Vancouver Canada, May 2005
90. *NYOH Residents Core Conference*, On-field Care of the Injured Athlete. New York, September 2004
91. *St. Lukes-Roosevelt Hospital Center*, Guest Lecturer, The Shoulder Demystified. Shoulder Examination and Total Shoulder Replacement, May 2004

92. *Current Concepts in Management of Shoulder and Elbow Disorders in Athletes*, Internal Impingement – What Is It and What Do I Do For It?, May 2004
93. *Current Concepts in Management of Shoulder and Elbow Disorders in Athletes*, MCL Reconstruction in Athletes – Current Concepts, May 2004
94. *Emerging Trend*, Whistler 2004, Percutaneous Pinning vs. ORIF for Proximal Humerus Fractures, February 2004
95. *NYOH Lower Extremity Course for PT and Trainers*, ACL Injuries in the Female Athlete, Understanding the Epidemic. New York NY, June 2003
96. *NYOH Lower Extremity Course for PT and Trainers*, Current Update: PCL Injuries. New York NY, June 2003
97. *NYOH Alumni Meeting*, Faculty, Biomechanics of Elbow Valgus Instability. New York NY, April 2003
98. *Columbia Shoulder Course*, Arthroscopic Technique for SLAP and Anterior Labral Tears. New York NY, October 2002
99. *NYOH Orthopaedics for Primary Care*, Faculty, Hand Problems. New York NY, May 2002
100. *NYOH Orthopaedics for Primary Care*, Faculty, Knee Problems. New York NY, May 2002

#### **Invited Grand Rounds and Guest Lectureships**

1. 26<sup>th</sup> Annual Baltimore Limb Deformity Course, Guest Speaker: *SKILL: Principles that Surgeons, Athletes, and Other Elite Performers use to Achieve Mastery*, Baltimore, MD, August 26-28 2016
2. SMISS Annual Forum, **Guest Lecturer**, *SKILL: Principles that Surgeons, Athletes, and Other Elite Performers use to Achieve Mastery*. Las Vegas, October 13-16 2016
3. 16th Annual OREF/ORS Resident Research Symposia, **Keynote Address** *Scientific Evidence-Based Medicine: Advance Current Practice by Clinically Relevant Scientific Research*, Columbia-Presbyterian Medical Center, NY, NY, June 6, 2014
4. *Combined Harvard Orthopaedic Residency Grand Rounds*, *Speaker*, Evolution of Elbow MCL Injuries, Boston, MA, February 27, 2013
5. *Roosevelt Hospital Grand Rounds*, *Speaker*, Elbow Throwing Injuries, New York, NY, December 20, 2011
6. *Beth Israel North Grand Rounds*, *Speaker*, Pediatric ACL Injuries, New York, NY, March 17, 2011
7. *Mount Sinai Department of Orthopaedics*, Faculty, Rotator Cuff Repair Mechanics, April 28, 2010
8. *Detroit Metropolitan Course*, Faculty, Mechanics of Rotator Cuff Repair, January 27, 2010
9. *Detroit Metropolitan Course*, Faculty, Adolescent Shoulder and Elbow Sports Medicine Injuries (Clinical), January 27, 2010

10. *St. Lukes-Roosevelt Hospital Center Grand Rounds*, Guest Lecturer, Challenges in Shoulder Instability Surgery. New York NY, April 2009
11. *Danbury Hospital Grand Rounds*, The Throwing Athlete. Danbury CT, April 2009
12. *Danbury Hospital Grand Rounds*, Faculty, On-field Management of Athletes. Danbury CT, April 2009
13. *Grand Rounds St. Lukes Roosevelt* Hand Service, Elbow Valgus Extension Overload. New York NY, July 2003
14. *Roosevelt Hospital Grand Rounds*, Presenter, Elbow Instability in the Athlete. New York NY, April 2002

### Community, School, Local Organization Presentations

1. *Sports Medicine Challenges for the Competitive Soccer Player*, Speaker, Soccer Medicine: The Role of the Team Physician, ColumbiaDoctors Sports Medicine, New York, NY, May 2015.
2. *Trinity School*, Speaker, Keeping Adolescent Athletes Healthy, Successful, and Injury Free, March 14, 2011
3. *Arlington Soccer League*, ACL Prevention Strategies. Arlington NJ, May 2006
4. *Talking Baseball Symposium*, Queens NY, November 2003
5. *Kessler Annual PT managers meeting*, Evolution of Rotator Cuff Surgery, March 2003
6. *Palisades Medical Center, Grand Rounds*, Presenter, Low Back Pain. North Bergen NJ, September 2002
7. *Kessler Fitness Center*, Elbow Injuries, Palisades Hospital. North Bergen NJ, May 2002
8. *Kessler Fitness Center*, Ski Injuries, Palisades Hospital. North Bergen NJ, March 2002
9. *Kessler Fitness Center*, Field Player Injuries, Palisades Hospital. North Bergen NJ, March 2002

### Grants and Project Funding

1. **Ahmad CS**, Noticewala MS, Pain, Function, and Performance Assessment in the Overhead Youth Athlete. *OREF/Aircast Foundation Resident Research Project Grant* (June 2015) \$5,000
2. Redler L, Gardner T, Byram I, **Ahmad CS**: Influence of Rotator Cuff Tear Geometry and Repair Technique on Creation of Dog Ear Deformities of Transosseous Equivalent Rotator Cuff Repair Model. *Arthrex* (2012) \$5,268.00
3. **Ahmad CS**: Effect of PRP on Muscle Strain Injuries in a Rodent Model. MLB Grant, (2011) \$50,000
4. Schulz B, **Ahmad CS**, Gardner TR: The Effect of Knee Flexion Angle During Graft Tensioning in Medial Patellofemoral Ligament Reconstruction. *OREF Resident Educational Grant* (2011) \$5,000.00



5. **Ahmad CS**, Gardner TR: The Effect of Timing of PRP Injections on Muscle Healing. *Major League Baseball* (2011) \$50,000
6. **Ahmad CS**, Gardner TR: Determination of the Optimum Centrifugation Protocol for Rat Autologous Conditioned Plasma. *Arthrex* (2011) \$4,408.00
7. **Ahmad CS**, Levine WN: Tendon-Bone Healing in a Rodent Cannulation Model. *Stryker Orthopaedics*, (2010) \$8,980.00
8. Perri J, **Ahmad CS**: Tendon-Bone Healing in a Rodent Cannulation Model. *National Institutes of Health Summer Student Grant*, 2010
9. Ateshian G (PI), Hung C, **Ahmad CS (Co-PI)**: Biotribology of Diarthrodial Joints, *National Institute of Arthritis and Musculoskeletal and Skin Diseases*, (2010) \$307,383, (2011) 308,806 , (2012) 311,281, (2013) 313,810
10. Bazargen-Lardi A, **Ahmad CS**: Predicting Outcomes of Total Shoulder Arthroplasty Using 3-D Computer Simulation. *National Institutes of Health Summer Student Grant*, 2008
11. **Ahmad CS** (PI), Gardner TR (Co-I): Upgrade to Biomechanics Reverse Engineering/CMM System, *Orthopaedic Scientific Research Foundation*, 2008 \$24,000
12. **Ahmad CS**: Orthopaedic Biomechanics Research Unrestricted Grant, *Arthrex* (2008) \$38,000
13. Rahman R, **Ahmad CS**: The Effect of Ovariectomy-Induced Estrogen Deficiency in Accelerating Greater Tuberosity Osteopenia and Supraspinatus Tendon-to-Bone Healing at the Footprint in a Rat Model, *Orthopaedic Research Education Foundation*, 3/2008 \$15,000
14. **Ahmad CS** (PI), Cadet E: The Effect of Ovariectomy-Induced Estrogen Deficiency in Accelerating Greater Tuberosity Osteopenia and Supraspinatus Tendon-to-Bone Healing at the Footprint in a Rat Model, *Orthopaedic Scientific Research Foundation*, 6/5/2007 \$12,400
15. **Ahmad CS** (PI), Gardner TR, Bigliani LU: 2-D and 3-D Strain Measurements from the Cellular to the Whole Joint, *Orthopaedic Scientific Research Foundation*, 6/5/2007 \$49,500
16. **Ahmad CS** (PI), Gardner TR, Bigliani LU: System for Creation of 3-D Computer Models of Articular Joints from Image Data, *Orthopaedic Scientific Research Foundation*, 11/13/2006 \$30,000
17. Brown G, **Ahmad CS** (PI): Functional Analysis of the Reverse Ball Shoulder Prosthesis, *Orthopaedic Research Education Foundation*, Orthopaedic Resident Education Grant, 2/21/07 \$5,000
18. Shamim R, **Ahmad CS** (PI): Greater Tuberosity Osteopenia Affects Rotator Cuff Insertion Properties in a Rodent Model, *Orthopaedic Research Education Foundation*, Medical Student Summer Orthopaedic Research Fellowship, 3/31/2006 \$2,500
19. The National Institutes of Health, R01, "Anisotropy and Nonlinearity of Cartilage Mechanics," Principal Investigator: Ateshian GA, Co-investigator: **Ahmad CS**, 1 R01 AR46532, \$910,000 (DC), \$1,430,516 (TC), 2/1/04-1/31/10
20. DiSipio K, Gardner TR, Levine WN, **Ahmad CS** (PI): Determinants of Dropped Biceps Deformity Following Proximal Biceps Tenotomy. *National Institutes of Health Summer Student Grant*

21. Wing D, Gardner TR, Levine WN, **Ahmad CS** (PI): Subscapularis Insufficiency Following Total Shoulder Replacement. *National Institutes of Health Summer Student Grant*
22. **Ahmad CS** (PI), Abbot A, Gardner TR, Levine WN: Mechanical Properties of Femoral Fixation Devices for Bone-Patellar-Tendon Bone Grafts in ACL Reconstruction. *Arthrex, Inc*
23. **Ahmad CS** (PI), Gardner TR, Groh M, Arnouk J, Levine WN: Mechanical Properties of Soft Tissue Femoral Fixation Devices for ACL Reconstruction. *Arthrex, Inc*
24. Laurman M, Gardner TR, Levine WN, **Ahmad CS**: Effects of Training Program on Quadriceps-Hamstring Ratio. *National Institutes of Health Summer Student Grant*
25. Heilman N, Clark AM, Levine WN, **Ahmad CS**: Effect of Gender and Maturity on Quadriceps-Hamstring Strength Ratio and Ligament Laxity. *National Institutes of Health Summer Student Grant*