

# AMIT NATHANI, M.D. M.S.

## EDUCATION

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2008-2012	University of Illinois College of Medicine	
2007-2008	University of Oxford <i>Master of Science in Medical Anthropology: Honors</i>	Oxford, England
2004-2006	University of Illinois-Chicago <i>Bachelor of Science in Biology: Magna Cum Laude</i>	Chicago, IL

## BOARD CERTIFICATION AND LICENSURE

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California Medical Board  
Georgia Medical Board  
Board Certified, American Board, Orthopedic Surgery, Part 1  
Board Eligible, American Board, Orthopedic Surgery, Part 2  
United States Medical Licensing Examination, Steps 1-3  
DEA Controlled Substance License

## PROFESSIONAL TRAINING

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2017-2018	Stanford University <i>Fellowship in Sports Medicine and Shoulder Surgery</i>	Palo Alto, CA
2012-2017	University of Michigan <i>Residency in Orthopedic Surgery</i>	Ann Arbor, MI

## ADDITIONAL PROFESSIONAL EXPERIENCE

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2019-current	The Spine and Orthopedic Center <i>Orthopaedic Surgeon</i>	Santa Barbara, CA
2018-2019	Atlanta Orthopaedic Institute <i>Orthopedic Sports Medicine Surgeon</i>	Atlanta, GA
2018	NFL Combine/San Francisco 49ers <i>Consultant</i>	San Francisco, CA
2017-2018	Stanford University <i>Assistant Team Physician, Women's Basketball</i>	Stanford, CA
2017-2018	Notre Dame de Namur University <i>Head Team Physician</i>	Belmont, CA
2015-2017	Eastern Michigan University <i>Assistant Team Physician, Men's Division I FBS Football</i>	Ypsilanti, MI
2015-2017	University of Michigan <i>Assistant Team Physician, Men's NCAA Hockey</i>	Ann Arbor, MI
2014-2017	University of Michigan <i>Assistant Team Physician, Men's NCAA Basketball</i>	Ann Arbor, MI

2013-2014	Huron Valley High School <i>Assistant Team Physician, Varsity Boy's Football</i>	Westland, MI
2012-2013	Livonia-Franklin High School <i>Assistant Team Physician, Varsity Boy's Football</i>	Livonia, MI

#### COMMUNITY ACTIVITIES, HONORS AND AWARDS

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2018	American Journal of Sports Medicine, Reviewer (AJSM)	
2016-2017	University of Michigan <i>Orthopedic Residency Selection Committee: Member/Interviewer</i>	
2016-2017	University of Michigan <i>Institutional GME House Officer Forum: Moderator</i>	
2016	The John K. Sekiya, MD Peer Educator Award 2016 <i>PGY-4 Most Dedicated to Educating and Guiding Peers</i>	
2016	The American Orthopedic Association (AOA) Resident Leadership Forum, Seattle, WA	
2016	AAOS Annual Meeting <i>Best Poster in Shoulder/Elbow Category</i>	
2015	AAOS Resident Assembly <i>Delegate</i>	
2014	University of Michigan <i>Electronic Educational Curriculum Committee, Orthopedics: Member</i>	
2014	Orthopedic Surgical Mission Trip, Santo Domingo, Dominican Republic	
2015	The Platinum Pager Award <i>Resident-Peer nominated for excellence as a junior resident</i>	
2012	University of Illinois COM <i>Medical School Admissions Committee Member</i>	
2008-2012	UIC College of Medicine Stadwiser Academic Merit Scholarship	
2008	Medical Mission Trip & M.S. Fieldwork, Lyantonde, Uganda	
2006	The Barry M. Goldwater Scholarship in Math, Science & Engineering	
2006	Co-Team Captain, UIC Men's Tennis Team	
2004-2006	NCAA Athletic Scholarship	
2004-2006	University of Illinois-Chicago <i>NCAA Division I Men's Tennis Team: Member</i>	
2004-2006	NCAA Horizon-League Conference All-Academic Honors	
2005	National Science Foundation (NSF) Scholarship/Grant in Behavioral Neuroscience	

## PROFESSIONAL MEMBERSHIPS

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Michigan Orthopedic Society  
American Academy of Orthopedic Surgeons  
American Orthopedic Society for Sports Medicine

## PUBLICATIONS

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Palmisano AC, Nathani A, Weber AE, Blaha JD: Femoral Neck Modularity: A Bridge Too Far – Affirms. *Seminars in Arthroplasty*. 2014; 25(2): 93-97.

Nathani A, Weber AE, Wahlquist T, Graziano G, Park P, Patel RD: Delayed Presentation of Pharyngeal Erosion After Anterior Cervical Discectomy and Fusion. *Case Reports in Orthopaedics*. 2015; 2015(173687): 1-4.

Kirsch JM, Nathani A, Patel RD: Multiple Adjacent Isolated Thoracic Spinous Process Fractures in High-Energy Trauma. *Case Reports in Orthopaedics*. 2015; 2015(921526): 1-3.

Weber AE, Nathani A, Allen A, Dines J, Shubin-Stein B, Arendt E, Bedi A: An Algorithmic Approach to the Management of Recurrent Lateral Patellar Dislocation. *Current Concepts Review. Journal of Bone and Joint Surgery, American*. 2016;98:417-27.

Kirsch JM, Nathani A, Robbins C, Gagnier J, Bedi A and Miller BS. Is there an Association Between the “Critical Shoulder Angle” and Clinical Outcome after Rotator Cuff Repair? *Orthopaedic Journal of Sports Medicine*. 2016;4(7).

Nathani A, Smith K, Wang T. Partial and Full-Thickness Rotator Cuff Tears: Modern Repair Techniques. *Current Reviews in Musculoskeletal Medicine*. In Press.

Nathani A, Safran MS. Hip Arthroscopy – Top Procedures in Sports Medicine and Arthroscopy. *Sports Medicine and Arthroscopy Review*. 26(4):185-189, December 2018.

Nathani A, Cheung E. Elbow Trauma Sequelae: Instability, Stiffness, Non-arthroplasty, and arthroplasty Options. *American Academy of Orthopaedic Surgeons (AAOS). Instr Course Lect* 68: 117-140, 2019.

Weber AE, Mayer EN, Nathani A, Chen DX, Kelly A, Rodeo SA, Bedi A: How Variable Are Achilles Allografts for Anterior Cruciate Ligament Reconstruction?: A Biomechanical Study. *The American Journal of Sports Medicine*. 2018: Accepted.

Alaraj A, Nathani A, Amin-Hanjani S, Aletich V, Charbel FT: Brain Arteriovenous Fistulae: Endovascular and Surgical Techniques. In: Jabbour, P, editor. *Neurovascular Surgical Technique*. Publisher Jaypee. 2014

Weber AE, Nathani A, Bedi A, Sekiya JK: Isolated Posterior Cruciate Ligament Injuries. In: Chapman M, James M, Marder RA, editors. *Chapman’s Comprehensive Orthopaedic Surgery*, 4th Edition. JP Publishing. In Press, 2015.

Nathani A, Mlynarek R, Bedi A: Arthroscopic Treatment of Shoulder Stiffness and Rotator Cuff Calcific Tendinitis. In: Rockwood CA, Matsen FA, Wirth MA, Lippitt SB, Fehringer EV, Sperling JW, editors. *Rockwood & Matsen’s The Shoulder*, 5th Edition. Publisher Elsevier. In Press, 2015.

Nathani A, Grant JA: Dislocation of the Proximal Tibiofibular Joint. In: Scott NW, editor. Insall & Scott: Surgery of the Knee, 6th Edition. Publisher Elsevier. In Press, 2015.

Nathani A, Kirsch J, Hake M: Distal Femoral Fractures. In: Mauffrey C, Johari A, Wang M, editors. Tips and Tricks in Orthopaedic Trauma: A Case Based Approach. In press, 2017.

Nathani A, Safran MS. Hip Instability. In: Safran MS and Karahan M, editors. ISAKOS: Hip and Groin Pain in the Athlete. Publisher Springer. Accepted.

Nathani A, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: The Validity of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaver Study. In Preparation.

Nathani A, Monu U, Finlay A, Gold G, Safran MS: Does hyaluronic acid protect against early cartilage injury seen after marathon running? A prospective, randomized trial utilizing high-field magnetic resonance imaging. Submitted.

#### LECTURES, PRESENTATIONS AND EXHIBITS

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| 6/09 | Abeln K, Nathani A, Amirouche F, Goldberg B: Injectable Calcium Phosphate Cement Augmentation in the Treatment of Proximal Humerus Fractures: A Biomechanical Analysis. The University of Illinois College of Medicine, Department of Orthopaedic Surgery, Senior Thesis Day. Guest Lecturer: Freddie Fu. Chicago, IL, June 2009. |
| 6/11 | Silverstein J, Nathani A, Gourineni P: Oblique In-Situ Screw Fixation of Stable Slipped Capital Femoral Epiphysis: A Biomechanical Analysis. The University of Illinois College of Medicine, Department of Orthopaedic Surgery, Senior Thesis Day. Guest Lecturer: Kevin J. Bozic. Chicago, IL, June 2011.                        |
| 8/11 | Nathani A, Feldman D: Adolescent Blount's Disease. Grand Rounds, Department of Orthopaedic Surgery, NYU-Hospital for Joint Diseases, New York, NY, August 2011.   |
| 6/14 | Nathani A, Miller JD: Geriatric Proximal Humerus Fractures. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, June 2014.  |
| 6/15 | Nathani A, Wojtys EW: Recurrent Lateral Patellar Instability. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, June 2015.  |
| 9/15 | Nathani A, Carpenter JE: A Complex Case of Recurrent Anterior Shoulder Instability in an Athlete. Case Presentations with Dr. Matthew J. Matava. Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, September 2015.  |
| 9/15 | Nathani A, Carpenter JE: Recurrent Anterior Shoulder Instability in the Elite Athlete. Case Presentations with Dr. Russell F. Warren. Badgley Alumni and Research Day, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, September, 2015.   |
| 6/15 | Nathani A, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: The Validity of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaveric Study. Michigan Orthopaedic Society, Annual Meeting, Mackinac, MI, June 2015.   |
| 9/15 | Nathani A, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: The Validity Of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaveric Study. Badgley Alumni & Research Day, Ann Arbor, MI, September, 2015.   |

- 3/16 Kirsch JM, Nathani A, Robbins CB, Gagnier JJ, Bedi A, Miller BS: Is there an association between the “critical shoulder angle” and clinical outcome after rotator cuff repair. Abstract. American Academy of Orthopaedic Surgeons, Annual Meeting, Orlando, FL, March 2016.
- 3/16 Kirsch JM, Nathani A, Robbins CB, Gagnier JJ, Bedi A, Miller BS: Is there an association between the “critical shoulder angle” and clinical outcome after rotator cuff repair. Poster Presentation, Orthopaedic Research Society, Annual Meeting, Orlando, FL, March 2016 (future).
- 6/16 Nathani A, Irwin T: Evidence-Based Operative Treatment of Osteochondral Lesions of the Talus. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, June 2016
- 7/16 Kirsch JM, Nathani A, Robbins CB, Gagnier JJ, Bedi A, Miller BS: Is there an association between the “critical shoulder angle” and clinical outcome after rotator cuff repair. Podium Presentation, American Orthopaedic Society for Sports Medicine (AOSSM), Annual Meeting, Colorado Springs, July 2016 (future).
- 3/17 Kirsch JM, Mlynarek R, Nathani A, Dines JS, Warner JP, Walch G, Bedi A: What is the Role of Computer-Assisted 3D Modeling for Pre-operative Planning of Shoulder Arthroplasty. Scientific Exhibit. American Academy of Orthopaedic Surgeons, Annual Meeting, San Diego, CA, March 2017.
- 4/17 Nathani A, Freehill MT: SLAP tears. Case Presentations with Dr. Craig Morgan Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, April 2017.
- 5/17 Nathani A, Miller BS: Fascioscapulohumeral (FSH) Muscle Dystrophy. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, May 2017.
- 9/17 Nathani A, Fanton G.: Posterior Cruciate Ligament (PCL) Injuries. Grand Rounds, Department of Orthopaedic Surgery and Sports Medicine, Stanford University, Palo Alto, CA, September 2017.
- 2018 Nathani A, Safran MS: Hip Instability. Grand Rounds Visiting Professor: Dr. J.W. Thomas Byrd, Department of Orthopaedic Surgery and Sports Medicine, Stanford University, Palo Alto, CA, 2018.