

Jay P. Shah, M.D.
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APPOINTMENTS

University of Texas Southwestern Medical Center (January 2017 - Present)
Assistant Professor, Orthopaedic Surgery (Dallas, TX)
Sports Medicine Service

USMD/MCNT (August 2014 - December 2016)
Orthopaedic Surgeon/ Sports Medicine Specialist (Arlington/ Irving, TX)

CLINICAL TRAINING

University of Texas – Houston/ Baylor College of Medicine (August 2014 - July 2015)
Orthopaedic Sports Medicine Fellowship (Houston, TX)

University of Alabama at Birmingham (June 2009 - June 2014)
Orthopaedic Surgery Residency (Birmingham, AL)

EDUCATION

Rush University Medical College (September 2004 - June 2009)
Doctor of Medicine (Chicago, IL)

- Awarded Dean's Summer Research Fellowship in 2005 for Basic Science Project

Tattvajnana Vidhyapeeth (June 2002 - May 2004)
Postgraduate Course in Comparative Philosophy (Thane, India)

- Lived in Residential School and Studied Coursework in Comparative Eastern and Western Philosophy, World Religions, Literature, Ancient Texts (Founded by Pandurang Shastri Athavale)

University of Illinois at Chicago (August 1998 - May 2002)
Bachelor of Science with Honors, Computer Engineering (Chicago, IL)

- Selected to Dean's List (1998-2002), Elected Vice President of Tau Beta Pi Honor Society (2001)

CERTIFICATION/ MEDICAL LICENSURE

Board Eligible (September 2014 - Present)
American Board of Orthopaedic Surgery

Texas Permanent Medical License (January 2014 - Present)
Texas Medical Board

Illinois Permanent Medical License (August 2012 - Present)
Illinois Department of Financial and Professional Regulation

ATLS Certification (July 2009 - Present)
American College of Surgeons

ACLS/BLS Certification (July 2009 - Present)
American Heart Association

PROFESSIONAL MEMBERSHIPS

American Orthopaedic Society for Sports Medicine (August 2014 – Present)

Arthroscopy Association of North America (August 2014 – Present)

American Academy of Orthopaedic Surgeons (July 2009 - Present)

Mid-America Orthopaedic Association (July 2009 – Present)

Texas Orthopaedic Association (September 2016 – Present)

TEAM COVERAGE EXPERIENCE

NFL - Houston Texans (August 2014 - July 2015)

NBA - Houston Rockets (August 2014 - July 2015)

MLB - Houston Astros (August 2014 - July 2015)

MLS - Houston Dynamo (August 2014 - July 2015)

NCAA - University of Houston (August 2014 - July 2015)

St. Thomas High School (August 2014 – July 2015)

Wenonah High School (August 2012 - June 2014)

Parker High School (August 2009 - July 2012)

RESEARCH EXPERIENCE

Mayo Clinic Orthopaedic Sports Medicine Research Fellow (June 2008 - May 2009)
Department of Orthopaedic Surgery, Mayo College of Medicine (Rochester, MN)

- Under the mentorship of Dr.'s Michael J. Stuart, Bruce A. Levy, and Diane L. Dahm, I was responsible for overseeing all of the projects for the Division of Sports Medicine with duties including but not limited to: IRB protocol/grant writing and submission, data collection/analysis, abstract, manuscript, poster and oral presentation preparation and submission.

Research Assistant to Dr.'s Howard An and Hee-Jeong Im Sampen (June 2005 - May 2007)
Departments of Orthopaedic Surgery and Biochemistry, Rush University (Chicago, IL)

- Initiated a pilot project aimed at determining the effect of basic fibroblast growth factor on bovine intervertebral disc chondrocytes in vitro and was instrumental in developing the process by which the experiment could be carried out efficiently for future trials.

Research Assistant to Dr. Mark Cohen (January 2005 - May 2005)
Department of Orthopaedic Surgery, Rush University (Chicago, IL)

- Assisted on a project aimed at determining the biomechanical properties of wrist following proximal row carpectomy vs. 4 corner fusion in cadaveric wrists and was responsible for mastering the Tekscan equipment which measures the loading forces between the carpal bones and the distal radius and ulna, as well as designing the programming to simulate loading on the wrist while simultaneously recording the forces on the radius and ulna.

Research Assistant to Dr. Charles A. Bush-Joseph

(November 2004 - January 2005)

Department of Orthopaedic Surgery, Rush University

(Chicago, IL)

- Assisted on a project aimed at determining the biomechanical properties of porcine patellar tendons as potential xenografts for reconstructive surgery and was responsible for preparing the specimens as well as application various forces including compression, stretching and torsion.

PRESENTATIONS - INTERNATIONAL

Acute Repair Versus Reconstruction of the Posteromedial & Posterolateral Corners in Multiligament Knee Injury.

International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine 7th Biennial Congress (April 2009)

(Osaka, Japan)

Staged Protocol for High Energy Knee Dislocation: Initial Spanning External Fixation Versus Hinged Knee Brace

International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine 7th Biennial Congress (April 2009)

(Osaka, Japan)

PRESENTATIONS - NATIONAL

Intra and Inter-Tester Reliability of the Dial Test

American Academy of Orthopaedic Surgeons Annual Meeting (March 2010)

(New Orleans, LA)

Bioabsorbable Fixation for Unstable OCD Lesions

American Orthopaedic Society for Sports Medicine Annual Meeting (July 2009)

(Keystone, CO)

ACL Tibial Spine Avulsion Treatment and Outcomes

Arthroscopy Association of North America Annual Meeting (May 2009)

(San Diego, CA)

Outcomes of ACL reconstruction with concomitant inflammatory arthritis

Arthroscopy Association of North America Annual Meeting (May 2009)

(San Diego, CA)

Acute Repair Versus Reconstruction of Posteromedial & Posterolateral Corners in Multiligament Knee Injury

AAOS-AOSSM – Specialty Day (February 2009)

(Las Vegas, NV)

Factors affecting re-operations after ACDF within and outside of an FDA IDE Cervical TDR Trial

Cervical Spine Research Society Annual Meeting (November 2007)

(San Francisco, CA)

The Action of Basic Fibroblast Growth Factor in Intervertebral Disc Chondrocytes

Orthopaedic Research Society Annual Meeting (February 2007)

(San Diego, CA)

PRESENTATIONS - REGIONAL

Humeral Fracture after Subpectoral Biceps Tenodesis with an Interference

Screw: A Biomechanical Investigation

2014 UAB Orthopaedic Surgery Annual Residents Research Day (June 2014)

(Birmingham, AL)

*Won Most Outstanding Resident Research Award

Mid-America Orthopaedic Association Annual Meeting (April 2014)

(San Antonio, TX)

2013 American Sports Medicine Institute Research Society Meeting (July 2013)

(Birmingham, AL)

*Won the Most Outstanding Basic Science Research Award

Incidence and Functional Outcomes of Articular Cartilage Injuries in Patients with Glenohumeral Instability

Mid-America Orthopaedic Association Annual Meeting (April 2010)

(Austin, TX)

Bioabsorbable Fixation for Unstable OCD Lesions

Minnesota Orthopaedic Society Annual Meeting (May 2009)

(St. Paul, MN)

ACL Tibial Spine Avulsion Treatment and Outcomes

Mid-America Orthopaedic Association Annual Meeting (April 2009)

(Amelia Island, FL)

Outcomes of ACL reconstruction with concomitant inflammatory arthritis

Mid-America Orthopaedic Association Annual Meeting (April 2009)

(Amelia Island, FL)

Arthroscopic Repair of Meniscal Tears with Concomitant ACL Reconstruction in Patients 18 Years and Younger

Mid-America Orthopaedic Association Annual Meeting (April 2009)

(Amelia Island, FL)

The action of Basic Fibroblast Growth Factor in Intervertebral Disc Chondrocytes

Monthly Spine Seminar, Rush University Department of Orthopaedic Surgery (March 2007)

(Chicago, IL)

PUBLICATIONS**Torsional Fracture of the Humerus after Subpectoral Biceps Tenodesis with an Interference Screw: A Biomechanical Cadaveric Study**

November 2015

Clinical Biomechanics

Beason DP, Shah JP, Duckett JW, Jost PW, Fleisig GS, Cain EL

Reliability of the dial test using a handheld inclinometer

January 2012

KSSTA

Krause DA, Levy BA, Shah JP, Stuart MJ, Hollman JH, Dahm DL

ACL Tibial Spine Avulsion: Mid-Term Outcomes and Rehabilitation

January 2011

Orthopedics

May JH, Levy BA, Guse D, Shah J, Stuart MJ, Dahm DL

Staged Protocol for Initial management of the Dislocated Knee

December 2010

KSSTA

Levy BA, Krych AJ, Shah JP, Morgan JA, Stuart MJ

Bioabsorbable Fixation of Unstable Osteochondritis Dissecans Lesions

October 2010

Am J Sports Med

Millington KL, Shah JP, Dahm DL, Levy BA, Stuart MJ

Patellofemoral Arthroplasty Versus Total Knee Arthroplasty in Patients With Isolated Patellofemoral Osteoarthritis

October 2010

Am J Orthop

Dahm DL, Al-Rayashi W, Dajani KA, Shah JP, Levy BA, Stuart MJ

Repair Versus Reconstruction of Fibular Collateral Ligament and Posterolateral Corner in the Multiligament-Injured Knee

April 2010

Am J Sports Med

Levy BA, Dajani KA, Morgan JA, Shah JP, Dahm DL, Stuart MJ

Golf After Total Knee Arthroplasty: Do Patients Return to Walking the Course? <i>Jackson JD, Smith J, Shab JP, Wisniewski SJ, Dahm DL</i>	November 2009 <i>Am J Sports Med</i>
Operative Management of the Medial Collateral Ligament in the Multi-ligament Injured Knee: An Evidence-Based Systematic Review <i>Kovachevich R, Shab JP, Arens A, Stuart MJ, Dahm DL, Levy BA</i>	July 2009 <i>KSSTA</i>
Achilles Tendon Allograft Reconstruction of the Fibular Collateral Ligament & Posterolateral Corner <i>Schechinger SJ, Levy BA, Dajani KA, Shab JP, Herrera DA, Marx RG</i>	March 2009 <i>Arthroscopy</i>
Absence of the long head of the biceps tendon associated with glenoid dysplasia and posterior labral tear <i>Sayed SA, Shab JP, Collins MS, Dahm DL</i>	October 2008 <i>Clinical Anatomy</i>
Factors affecting re-operations after ACDF within and outside of an FDA IDE Cervical TDR Trial <i>Phillips FM, Singh K, Shab JP, An HS, Goldberg E, Andersson G</i>	November 2007 <i>Spine</i>
The Action of Basic Fibroblast Growth Factor In Intervertebral Disc Chondrocytes <i>Shab JP, Phillips FM, An HS, Kim HH, Im HJ</i>	February 2007 <i>Transactions of ORS</i>

TEACHING EXPERIENCE

Mentor/Advisor, Sports Medicine Interest Group <i>University of Texas Medical School at Houston</i>	(August 2014 - July 2015) <i>(Houston, TX)</i>
<ul style="list-style-type: none"> Served as mentor/advisor to the executive committee in providing various events such as on-field clinical experiences, residency panels, journal clubs, lectures, involvement in on-going research projects, etc. to introduce medical students to a career in orthopaedic sports medicine 	
Author/Editor <i>Orthobullets.com</i>	(January 2014 - Present) <i>(Online Website)</i>
<ul style="list-style-type: none"> Writing, reviewing, approving multiple choice questions as well as review topics to aid residents, fellows, and practicing surgeons with their exam preparation 	
Instructor, Surgery Core Clerkship <i>University of Alabama – Birmingham, School of Medicine</i>	(June 2013 - June 2014) <i>(Birmingham, AL)</i>
<ul style="list-style-type: none"> Delivered lectures on orthopaedic surgery to third year medical students during their surgery clerkship and was the only resident instructor selected to be on the course faculty 	
Teaching Assistant, Anatomy <i>University of Alabama – Birmingham, School of Medicine</i>	(August 2009 - June 2014) <i>(Birmingham, AL)</i>
<ul style="list-style-type: none"> Delivered lectures, guided dissections and provided one-on-one tutoring in musculoskeletal anatomy to both medical students and residents 	
Teaching Assistant, Essentials of Clinical Medicine <i>University of Alabama – Birmingham, School of Medicine</i>	(August 2009 - June 2014) <i>(Birmingham, AL)</i>
<ul style="list-style-type: none"> Delivered lectures, guided dissections and provided one-on-one tutoring in musculoskeletal anatomy to both medical students and residents 	
Resident Advisor, Orthopaedic Interest Group <i>University of Alabama – Birmingham, School of Medicine</i>	(August 2009 - June 2014) <i>(Birmingham, AL)</i>
<ul style="list-style-type: none"> Delivered lectures, taught saw-bones and other hands-on skills labs, held residency panels as well as 	

other events to introduce medical students to a career in orthopaedic surgery

PERSONAL INFORMATION

Languages- Proficient in Gujarati, Hindi

Professional Interests- Sports Medicine, Team Coverage, ACL reconstruction, Clinical Outcomes Research, Arthroscopy, Joint preservation, Cartilage preservation/regeneration, Shoulder Instability and Rotator Cuff Pathology, Musculoskeletal Injuries

Personal Interests- Sports, Cars, Movies, Reading – History, World Cultures, Philosophy, Religions

REFERENCES

Walter R. Lowe, M.D.

Edward T. Smith Endowed Chair, Professor
Department of Orthopaedic Surgery
University of Texas - Houston
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Houston, Texas 77030
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Steven M. Theiss, M.D.

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Director, Division of Orthopaedic Surgery
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