

# Curriculum Vitae

Michael Stevens, M.D.

Consultant Paediatric Haematologist & Bone Marrow Transplant Physician

[www.stevensmichael.com](http://www.stevensmichael.com)

## Education

Weill Cornell Medical College	M.D.	Aug 2001-June 2005
University Of India	B.A.	Aug 1997- May 2001
	Major: Biologic Basis of Behavior	

## Post Graduate Education and Training

Rush University Medical Center	Sports Medicine Fellow	Aug 2010-July 2011
Hospital for Special Surgery	Orthopedic Resident	July 2006-June 2010
New York Presbyterian Hospital/ Hospital for Special Surgery	Intern	July 2005-June 2006

## Medical Licensure/Board Certification

Fluoroscopy Supervisor	2020	Active
California	2019	Active
Sports Medicine CAQ	2016	Active
ABOS Board Certification	2013	Active
Missouri	2011	Inactive
Illinois	2010	Inactive
New York	2006	Inactive

## Professional Society Membership:

MERCuRE Study Group (Meniscus Preservation)	Member	2020-Present
Biologic Association	Member	2019-Present
Metrics of Osteochondral Allografts Study Group	Member	2019-Present
Magellan Society	Member	2017-Present
Meniscus Transplant Study Group	Member	2017-Present
International Patellofemoral Study Group	Member	2017-Present
American Academy of Orthopedic Surgeons	Fellow	2015-Present
International Meniscal Replacement Expert Forum	Member	2015-Present
International Cartilage Research Society	Member	2013-Present
International ACL Study Group	Member	2012-Present
ISAKOS	Member	2012-Present
American Orthopedic Society for Sport Medicine	Member	2011-Present
Arthroscopy Association of North America	Member	2011-Present
Hospital for Special Surgery Alumni Association	Class 2011 Representative	2011-Present
Missouri State Medical Association	Member	2013-2019
New York State Society of Orthopedic Surgeons	Past Member	2005-2010
AOA, Weill Cornell Medical College	Past President	2004-2005
Golden Key National Honor Society	Past Member	1998-2001

Pi Gamma Mu Social Science Honor Society	Past Member	1998-2001
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## Honors and Awards

AANA Patellofemoral Anatomy Research Excellence Award		2020
Castle Connolly Regional Top Doctor 2020		2020
Host for AOSSM/ESSKA Travelling Fellows at Stanford, CA		2019
Host for AOSSM/SLARD Travelling Fellows in Columbia, MO		2018
AOSSM/SLARD Travelling Fellowship Participant in South America		2017
Associate Professor with Tenure		2017
Spurgeon Distinguished Medical Research Award Finalist		2017
<ul style="list-style-type: none"> <li>University of Missouri Early Career SOM faculty</li> </ul>		
Inside Columbia Magazine “Our Favorite Doctors”		2014-2017
<ul style="list-style-type: none"> <li><i>As voted by the readership and/or peer review</i></li> </ul>		
MU Top Faculty Achiever Award Recognition Ceremony		2017
Clinical research team of the Quarter- Missouri Orthopedic Institute		2017
Orthopedics This Week “The 16 Standout North American Sports Knee Surgeons”		2016
Blue Ribbon Award from Orthopedics Journal		2016
<ul style="list-style-type: none"> <li><i>Erickson BJ, Campbell K, Cvetanovich GL, Harris JD, Bach BR, Jr., Michael Stevens. Nonligamentous Soft Tissue Pathology about the Knee: A Review. Orthopedics. 2015:1-11</i></li> </ul>		
Top 5 Faculty Teaching (based on resident evaluation)		2013-2014
<ul style="list-style-type: none"> <li><i>University of Missouri Department of Orthopedic Surgery</i></li> </ul>		
N.Y.C. Community Planning Board # 11		
<ul style="list-style-type: none"> <li><i>Award For Distinguished Service During the Haitian Crisis</i></li> </ul>		2010
Staten Island’s Snug Harbor “Neptune Ball” Inaugural Humanitarian Award		2010
<ul style="list-style-type: none"> <li><i>Awarded to Team Unity for Haiti</i></li> </ul>		
John Metcalf Polk Prize	Weill Cornell Medical College	2005
<ul style="list-style-type: none"> <li><i>Highest scholastic honor given to three students who placed at the top of the class for scholastic performance throughout medical school</i></li> </ul>		
George G. Reader Prize in Public Health	Weill Cornell Medical College	2005
<ul style="list-style-type: none"> <li><i>Awarded to graduating student who shows the most promise in field of public health</i></li> </ul>		
Mitchell Spivak Memorial Prize	Weill Cornell Medical College	2005
<ul style="list-style-type: none"> <li><i>Awarded to graduating class member with best record in Pediatrics</i></li> </ul>		
Clarence C. Coryell Prize	Weill Cornell Medical College	2005
<ul style="list-style-type: none"> <li><i>Awarded to student with highest general average in medicine at the end of 3<sup>rd</sup> year of medical school</i></li> </ul>		
Junior AOA	Weill Cornell Medical College	2003
Viola Borkon Memorial Prize	Weill Cornell Medical College	2002
<ul style="list-style-type: none"> <li><i>Awarded to the student who has placed at the top of the class for scholastic performance upon completion of the pre-clinical curriculum</i></li> </ul>		
Summa Cum Laude	University Of India	2001
Benjamin Franklin Scholar/General Honors	University Of India	1997-2001
Valedictorian	Susan E. Wagner H.S.	1997

## Sports Coverage Experience

Stanford Cardinal Football	Head Team Physician	NCAA	2019-Present
Mizzou Tigers Baseball	Team Physician	NCAA	2015-2019
Mizzou Tigers Basketball	Team Physician	NCAA	2011-2019
Mizzou Tigers Football	Team Physician	NCAA	2015-2019
Columbia Club Rugby	Consultant	N/A	2014-2019
Central Methodist University	Consultant	NCAA	2013-2019
Missouri Valley College	Consultant	NAIA	2013-2019
Mizzou Club Athletics	Team Physician	N/A	2013-2019

Missouri Contemporary Ballet	Company Physician	N/A	2012-2019
Mizzou Sports Medicine Training Room	Staff Physician	NCAA	2011-2019
Missouri High School Football	Supervising Physician	MSHSAA	2011-2019
Chicago Bulls	Assistant Team Physician	NBA	2010-2011
Chicago White Sox	Assistant Team Physician	MLB	2010-2011
DePaul University Athletics	Assistant Team Physician	NCAA	2010-2011
Chicago Steel Hockey	Head Team Physician	USHL	2010-2011
Morton High School Varsity Football	Team Physician	H.S.	2010-2011
<i>McDonald's</i> High School All America Game (Men's and Women's)	Event Physician	H.S.	2011
Iona Men's and Women's Basketball	Assistant Team Physician	NCAA	2007
Lafayette High School Varsity Football	Head Team Physician	H.S.	2006-2010

### National/International Administrative Service

AO Principles in Sports Medicine Course	Program Development Committee		2020-Present
Biologic Association	Program Chair/Website Committee		2019-Present
AANA OLC Committee	Committee member		2019-Present
AANA Fellowship Committee	Committee member		2019-Present
AAOS Critical Evaluator	AAOS Annual Meeting		2018-Present
AAOS Sports Medicine/Arthroscopy	Committee Chair		2017-Present
ISAKOS Sports/Knee Preservation	Committee member		2017-Present
ISMF Fellows Conference	Program Chair		2017-Present
PF Foundation Online Training Modules	Course Co-director		2017-Present
ACL Study Group Website Committee	ACL Study Group		2017-Present
ICRS 'Next Gen' Committee	Committee Chairman		2016-Present
AOSSM Publications Committee	Committee member		2016-Present
ACL Study Group Membership Committee	ACL Study Group		2014-Present
Alumni Class Representative	Hospital for Special Surgery		2011-Present
AANA Advocacy Committee	AANA Committee Member		2014-2019
ABOS FAST Modules (Arthroscopy Curriculum)	Module co-author/editor		2015-2016
AOSSM Orthopedic Knowledge Online (OKO)	AOSSM Committee member		2012-2015
AAOS Resident Liaison	Hospital for Special Surgery		2008-2009

### Local/Regional Administrative Service

Sports Medicine Fellowship Director	Stanford University		2020-Present
Quality Outcomes Committee	Stanford University		2019-Present
Co-Division Director	Univ of Missouri Sports Medicine		2017-2019
Patient Reported Outcomes/Patient IQ	Univ of Missouri Committee Member		2017-2019
Medical Director for Continuing Education	Univ of Missouri ATC Program		2014-2019
Sports Fellowship Core Competency Committee	Univ of Missouri		2014-2019
Faculty Search Committees (Recruitment)	PMR/Orthopedic/ATC		2014-2019
University of Missouri Orthopedic Association	Past President / Member		2013-2019
Mizzou Sports Med Combine/Physicals	MD/Planning committee		2013-2019
Residency Clinical Competency Committee	University of Missouri		2012-2019
Show-Me State Games	Volunteer/Co-Medical Director		2012-2018
Multicenter ACL Return to Play Taskforce	Coordinator		2014-2017
WIN for Columbia	Board Member		2013-2016
MOI Expansion OR Planning Committee	Member		2015-2016
ICD-10 Committee /Orthopedic Liaison	University of Missouri		2014-2015
Inpatient Service Line Committee	Hospital for Special Surgery		2006-2010

Medical Student Executive Council	Weill Cornell Medical College	2004
Haiti Relief Task Force	Hospital for Special Surgery	2010

## Mentorship

M3 Advanced Clinical Skill Course (preceptor)	Stanford University	2021
Master of Science PA course guest educator	Stanford University	2021
Medical Scholar Research Project (Anshal Gupta)	Stanford University	2020-Present
Orthopedic Interest Group mentor/speaker	Stanford University	2020-Present
Ortho 270 Course: Student project evaluator	Stanford University	2020-Present
Continuity of Care Clerkship Preceptor	Stanford University	2020-Present
Assigned Mentor for Residents	University of Missouri	2017-2019
Assigned Mentor Junior Faculty/Sports Fellows	University of Missouri	2013-2019
ACE Preceptor (Ambulatory Clinical Experience)	University of Missouri	2012-2019
M1 Advice, Support, and Career Counseling (ASC) program	University of Missouri	2012-2019
M3/4 Clinical Advisor Program	University of Missouri	2012-2019
Summer Research Fellowship Preceptor	University of Missouri	2012-2019
“Friday Night Lights” Free Clinic	Physician/Mentor	2011-2019
Mentor for International Visiting Surgeons	University of Missouri	2012-2019
Doctoral Program Committee- Farrah Monibi	University of Missouri	2013-2017
Coulter College Faculty Mentor	University of Missouri-Bioengineering	2014-2015

## Industry Relations

Mojave Radiation Oncology Center	Bone Marrow Surgeon	2021-Present
Reparel	Surgeon Advisory Board	2021-Present
Wu Tsai Foundation	Human Performance Alliance	2020-Present
Bioventus	Advisory Board/Consultant	2020-Present
NewClip	Consultant	2020-Present
Kinamed	Consultant	2020-Present
Sparta Biomedical	Scientific Advisory Board	2020-Present
SOT Medical Advisory Board	Scientific Advisory Board	2020-Present
Smith & Nephew	Consultant	2019-Present
Joint Restoration Foundation	Consultant	2019-Present
Epic Bio	Scientific Advisory Board	2019-Present
Vivorte	Scientific Advisory Board	2019-Present
Conmed	Knee Design Team	2017-Present
Vericel (MACI)	Clinician Advisory Board	2015-Present
Arthrex	Consultant	2014-Present
Olympus	Consultant	2019
Flexion Therapeutics	Speaker Bureau	2018-2019
Ceterix	Consultant	2017-2019
Neotis High Tibial Osteotomy Implant	Clinical Advisory Board	2014-2016
RTI	Consultant	2014-2017
OBERD	Unpaid Consultant	2014-2017

## Non-Medical Service

Trout Unlimited	Member	2011-Present
Unity Games	Medical Volunteer/ Coach/Donor	2003-Present

*Now in its 9<sup>th</sup> year, this event promotes racial harmony by joining Staten Island youth of all ethnic backgrounds in a weekend of friendly basketball competition, educational sessions, guest lectures, and a host of other activities. [www.unitygames.net](http://www.unitygames.net)*

**01/10/2022**

University of Missouri Columns Society	Member	2015-2019
Tiger Scholarship Fund	Donor	2015-2019
Rainbow House Charity	King/Queen Candidate	2014-2015
Unity for Haiti Foundation	Co-founder	2010
<i>This foundation was formed to provide relief to the victims of the Haitian earthquake of 2010. Through fundraising, public relations, and recruiting, we assembled teams of doctors, nurses, physical therapists, and surgical technicians to assist in the relief effort. To date, we have completely supported three missions and performed over 150 surgeries on victims of the crisis.</i>		
Casting for Recovery	Fly fishing guide/social counselor	2000-2010
<i>Non-profit organization that unites breast cancer survivors during weekend fly fishing retreats around the country</i>		
AIDS Teaching Program	Weill Cornell Medical College	2002-2003
Zeta Beta Tau Fraternity	University Of India	1998-2001

## Research Support

### **Currently IRB approved and/or funded studies**

#### Aesculap Biologics

A Phase 3 Prospective, Randomized, Partially Blinded Multi-Center Study to Measure the Safety and Efficacy of NOVOCART® 3D, Compared to Microfracture in the Treatment of Articular Cartilage Defects

Role: Site PI (currently enrolling)

#### Zimmer Biomet

A Randomized Controlled Trial of the Subchondroplasty® Procedure with Arthroscopy versus Arthroscopy Alone for Treatment of bone Marrow Lesions in the Knee

Role: Site PI (enrollment closed, patient follow-up)

#### JUPITER: Multi-center prospective study (Patellofemoral instability)

Role: Site PI (currently enrolling)

#### Patient IQ

Establishing a Prospective Database of Patient Clinical Visits Utilizing Survey Outcome Measurements

Role: PI (currently enrolling)

#### Relationship Between Trochlear and Acetabular Dysplasia

Role: PI (data collection)

#### Lipogems

The Effect of Micro Fragmented Adipose Tissue (MFAT) on Knee Osteoarthritis

PI: Eugene Roh

Role: Co-I (currently enrolling)

Novel Strategies to Combat Post-Traumatic Osteoarthritis (PTOA): The Effects of Tranexamic Acid on Joint Inflammation and Cartilage Health in Anterior Cruciate Ligament Injured Patients

PI: Connie Chu

Role: Co- I (currently enrolling)

#### Enhanced Clinical Diagnosis of Early Osteoarthritis

PI: Connie Chu

Role: Co-I (currently enrolling)

The Utility of a Dichotomous Pain Scale in Reducing Postoperative Opioids Consumption in Outpatient ACL surgery: A Prospective Randomized Controlled Study

PI: Todd Alamin

Role: Co-I (currently enrolling)

3D Quantitative MRI of the Knee

PI: Brian Hargreaves

Role: Co-I (currently enrolling)

MR Imaging and Biomechanics Assessment of the Knee

PI: Brian Hargreaves

Role: Co-I (currently enrolling)

PET/MRI Scanning for the Evaluation of Musculoskeletal Pain, Inflammation, and Skeletal Abnormalities

PI: Garry Gold

Role: Co- I (currently enrolling)

Glenohumeral Injection Accuracy Shoulder

PI: Tim Wang

Role: Co- I (currently enrolling)

**Pending IRB approval, funding, or study initiation**

Effects of Blood Flow Restriction (BFR) Therapy on Early Anterior Cruciate Ligament (ACL) Graft Maturation

Role: Site PI (IRB approved, actively seeking funding sources)

Quantification of Growth Factors in Platelet Rich Plasma

Role: Site PI (IRB approved, enrollment to begin summer 2021)

Innovative Imaging and Biomechanical Approaches to Determine Hamstring Injury and Re-injury Risk

Site PI: Michael Fredericson

Role: Co-I (multicenter study, grant submitted to NFL charities)

Pediatric Meniscus Transplants: Biomechanics of the Knee Joint and Meniscus Morphology Before and After Meniscus Transplantation

PI: Kevin Shea

Role: Co-I (submitted for AOSSM Allograft Basic Science and MCHRI grants)

Isolation of Adult Stem Cells from Surgically Discarded Tissues such as Fat tissues, Torn or Damaged Patella Tendons, Ligaments, and Menisci

Role: Site PI (pending IRB approval)

The Effect of Covid-19 on an Academic Orthopaedic Department

PI: Michael Fredericson

Role: Co-I (pending IRB approval)

Prospective Assessment of a Virtual Physical Therapy Program

PI: Michael Fredericson

Role: co-I (pending IRB approval)

Canadian Institute of Health Research/National Institute of Health

Stability 2: ACL Reconstruction +/- Lateral Tenodesis with Patella vs. Quad Tendon

01/10/2022

Role: Site PI (possible site initiation 2021)

### Previous Awards

FDA IDE Study A Prospective Multicenter Open-label Randomized Controlled Trial of Agili-C™ vs. Surgical Standard of Care (SSOC) for the Treatment of Joint Surface Lesions of the Knee (CartiHeal) Role: PI	04/15/18 – 03/27/24 \$125,623.44
FDA IDE Study Evaluation of the Calypso Knee System for Symptom Relief in Subjects with Medial Knee Osteoarthritis (Moximed) Role: PI	10/18/18 – 10/01/24 \$43,321.70
Arthrex Inc. Comparison of BioCartilage versus marrow stimulating procedure for cartilage defects of the knee PI: Stannard JP Role: Co-I	05/08/14 – 05/02/20 \$51,350.06
NuTech An Investigation of ReNu Knee Injection: Monitoring the Response of Knee Function and Pain in Patients with Osteoarthritis Role: Medical PI	03/01/16 – 02/28/19 \$78,959.18
Multicenter- University of Pittsburgh A Novel Method for Measuring a Quantitative Pivot Shift in Patients with ACL Injury (PIVOT study) PI: Volker Musahl Role: Site PI	08/15/17 – 10/10/18 Internal funded
Zimmer Assessment of Enhanced Subchondroplasty Treatment for Post-Traumatic Osteoarthritis in a Canine Model PI: Cook JL Role: Co-I	12/09/15 – 12/08/17 \$335,402.00
Coulter Foundation Injectable Biomaterial to Mitigate Articular Cartilage Degradation after Trauma or Surgery PI: Sheila Grant Role: Medical PI	07/01/16 – 06/30/17 \$16,550
Zimmer Assessment of an Impact Model for Subchondroplasty Treatment in Dogs PI: Cook JL Role: Co-I	02/12/14 – 02/11/2017 \$262,373
Arthrex, Inc. Effects of Harvest Site on Bone Marrow Concentrate PI: Stannard JP Role: Co-I	05/20/14 – 12/31/16 \$38,000
Nutramax Lab Inc. Clinical Pilot Study Assessing the Structure/Function Efficacy in a Knee OA patient cohort following the consumption of a novel nutraceutical blend containing glucosamine/chondroitin sulfate PI: Cook JL	01/01/14 – 12/01/16

01/10/2022

Role: Co-I	\$116,400
MOI Faculty Seed Grant Correlating Motion Analysis Systems and Clinical Testing to Establish an Appropriate Return to Sport Protocol following ACL Reconstruction in Athletes	10/01/14 – 9/30/16
Role: PI	\$9,700
Coulter Foundation Nanografts for Soft Tissue Repair	07/01/12 – 06/30/16
PI: Sheila Grant Role: Medical PI	\$249,175
Mizzou Advantage Title: Preventing Anterior Cruciate Ligament (ACL) Tears in Female Youth Athletes with Video Game Technology	05/21/14 – 08/31/15
PI: Gray A Role: Co-I	\$49,969
RTI Surgical Comparison of Surface Curvature Characteristics of Donor Human Lateral Femoral Condyles for Consideration of Transplantation to Recipient Medial Femoral Condyle	09/01/14 – 08/31/15
PI: Pfeiffer FM Role: Co-I	\$19,188
Arthrex, Inc. Transosseous Tunnel vs. Suture Anchor Repair for Extensor Mechanism Injuries: a biomechanical cadaveric study	03/01/13 – 08/01/13
Role: PI	\$5,000
Phi Zeta Award <i>In Vitro</i> Evaluation of a Decellularized Canine Meniscal Scaffold for Biological Augmentation of Meniscal Fibrocartilage Regeneration	
PI: Monibi FA Role: Co-Investigator	\$1,000
Hospital for Special Surgery Dr. Thomas Wickiewicz Sports Medicine Grant Biomechanical Analysis of Combined Intra-articular and Extra-articular ACL Reconstructions in a Cadaveric Model using Computer Navigation.	03/01/09 – 02/28/10
Role: PI	\$10,000

**Previous Internal or Non-funded Active IRB Studies (University of Missouri)**

**Primary Investigator**

- Justifying Patellar Instability Treatment by Early Results (JUPITER)
- Collection of De-Identified Clinical Data for the improvement of J-Sign Patellar Instability Tracking and Classification
- Patient IQ (retrospective review of prospectively collected data)
  - RTP following knee surgery
  - Patellofemoral outcomes
  - ACL reconstruction outcomes
- Patellofemoral instability risk factors in the pediatric population

## Co-Investigator

- Knee arthroscopy using hyperosmolar irrigation solution: a prospective, randomized, controlled study
- Moderated Blood Flow Restriction after Anterior Cruciate Ligament Reconstruction
- Ultrasound Evaluation of Meniscal Transplantation (MAT)
- Synovial Fluid Analysis Following ACL Injury
- Comparing Force Plate Measurements in a Clinical Setting to Patient Reported Outcome Measures
- Comparison of Open vs. Mini-open Achilles Tendon Repair

## Editorial Board/Invited Reviewer

Video Journal of Sports Medicine (Editorial Board)	2020-Present
Springer Knee Arthroscopy and Joint Preservation (Book Editorial Board)	2020-Present
AAOS Resident Curriculum Sports Medicine (Section Editor)	2020-Present
ISAKOS Advances in Knee Ligament and Preservation Surgery (Book Editorial Board)	2019-Present
Journal of Hip Preservation Surgery (reviewer)	2020-Present
Journal of Bone and Joint Surgery (reviewer)	2019-Present
Journal of Clinical Orthopedics and Traumatology (India-Assistant Editor)	2018-Present
OJSM (Reviewer)	2016-Present
JBJS Case Connector (Reviewer)	2015-Present
Cartilage (Reviewer)	2015-Present
KSSTA (Reviewer)	2014-Present
Current Reviews in Musculoskeletal Medicine (Editorial Board, Section Editor: Knee)	2012-Present
Arthroscopy: Journal of Arthroscopic and Related Research (Editorial Board)	2011-Present
American Journal of Sports Medicine (Reviewer)	2011-Present
Journal of Orthopedic Research (Reviewer)	2014-2019
Journal of Knee Surgery (Reviewer, Guest Section Editor)	2012-2019
The Knee (Reviewer)	2015-2018
Current Orthopedic Practice (Reviewer)	2013-2018
University of Missouri Research Board (Reviewer)	2013-2018
American Journal of Orthopedics (Editorial Board)	2013-2018
Clinical Orthopedic and Related Research (Reviewer)	2009-2010
Hospital for Special Surgery Journal (Reviewer)	2009-2010

## Book Chapters:

Manuel Schubert, MD, **Michael Stevens, MD**. Biceps Tendinopathy: Causes and Solutions to this Problem – Chapter; Book title: The Management of Biceps Pathology: A Clinical Guide from the Shoulder to the Elbow. Editors: Romeo AA, Erickson B, Griffin J

**Michael Stevens, MD**,<sup>1</sup> Joseph M. Rund, BS,<sup>2</sup> Jack Farr, MD<sup>3</sup> Partial Lateral Facetectomy. *Patellofemoral Pain Instability and Arthritis*. Editors David Dejour and Petri Sillanpaa (in press)

**Michael Stevens**, Voss E, Hinckel B. Patella Proximal Realignment- Lateral Retinacular Lengthening. *Knee Surgery: Tricks of the Trade*. Thieme Medical Publishers. (in press)

**Michael Stevens**, Hinckel B, Farr J. Patella Instability. *Lower Extremity Joint Preservation - Techniques for Treating the Hip, Knee, and Ankle* Editor: Britberg (in press)

Ma R, **Michael Stevens**. Patellar Recurrent Dislocation: Distal Realignment. *Knee Surgery: Tricks of the Trade*. Thieme Medical Publishers. (in press)

Ian Gao, MD; Geoffrey D. Abrams, MD; Michael T. Freehill, MD; and **Michael Stevens**, MD. Shoulder: Patient Positioning, Portal Placement, Normal Arthroscopic Anatomy, and Diagnostic Arthroscopy. Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine. Editors: Cole and Chahla. (Academic year 2020-2021)

Freedman, K., **Michael Stevens**. Cartilage Disease of the Patellofemoral Joint: Realignment, Restoration, Replacement. AAOS 2020 ICL Volume 70. (Academic year 2020-2021)

Mchelle Xiao, **Michael Stevens**, Geoffrey D Abrams. Inflammatory Mechanisms in the Development of Osteoarthritis. AAOS 2020 ICL. (Academic year 2020-2021)

John M. Apostolakos MD, MPH, Andreas H. Gomoll MD, Bert R Mandelbaum MD, **Michael Stevens MD**, and Sabrina M. Strickland MD. Patellofemoral 101 – Back to the Basics: How to address the MPFL, Tibial Tubercle, and Articular Cartilage in Patients with Recurrent Patellar Instability. AAOS 2020 ICL. (Academic year 2020-2021)

Murray Iain, Abrams G, Ray T, **Michael Stevens**. ISAKOS Book: Functional anatomy of cartilage & subchondral bone in the joint. Joint Function Preservation: Focus on osteo-chondral unit. ISAKOS book, Editors: Alberto Gobbi, John G. Lane, Umile Giuseppe Longo, Ignacio Dallo. (Academic year 2020-2021)

Joint Preservation Techniques for the Knee in 2020: The Utility of Biologics by Rachel M Frank for Instructional Course Lectures: Volume 70. (Academic year 2020-2021)

ISAKOS Book: Cartilage Injury of the Knee  
Editors: Aaron J. Krych, Leela C. Biant, Andreas Gomoll, Norimasa Nakamura  
Osteochondral autograft for the treatment of small cartilage injuries. (Academic year 2020-2021)

Gulbrandson T, Freeman K., **Michael Stevens**. *Post-meniscectomy syndrome*. Joint Preservation of the Knee: A Clinical Casebook. Editor: Adam Yanke, Brian Cole. Springer International Publishing, 2019.

Gulbrandson T, Freeman K., **Michael Stevens**, *Medial Meniscus Allograft Transplantation in the Setting of Revision ACL Reconstruction*. Joint Preservation of the Knee: A Clinical Casebook. Editor: Adam Yanke, Brian Cole. Springer International Publishing, 2019.

**Michael Stevens**, Voss E, Garrone A, Nuelle C. *Articular Cartilage Debridement*. Cartilage Restoration: Practical Clinical Applications, 2nd edition edited by Drs. Farr & Gomoll. Springer Science 2018.

**Michael Stevens**, Rodeo SA. *Meniscal Substitution*. Insall and Scott Surgery of the Knee, 6<sup>th</sup> Edition. Scott W.N., Scuderi G, eds.) Elsevier, 2018.

**Michael Stevens**, Rodeo SA. *Healing of the Knee Ligaments and Menisci*. Insall and Scott Surgery of the Knee, 6<sup>th</sup> Edition. Scott W.N., Scuderi G, eds. Elsevier, 2018.

**Michael Stevens**, Hinckel B, Farr J. *Patellofemoral Instability*. DeLee & Drez's Orthopaedic Sports Medicine: Principles and Practice. Elsevier. 2017

Stannard JP, **Michael Stevens**, Cook JL. *Soft Tissue Injuries About the Knee*. OKU 12. Feb 2017

Pomajzl R, **Michael Stevens**, Kfuri M, Stannard JP. *PCL Inlay/Onlay Surgical Techniques*. Ligamentous Injuries of the Knee. Co-Editors: Randy Mascarenhas MD FRCSC, Sanjeev Bhatia MD, Walter Lowe MD. Nova Publishing, 2016.

**Michael Stevens**, Yahuaca B, Stoker D, Smith PA. *Arthroscopic and Open Labral and/or Rotator Cuff Surgery. Shoulder and Elbow Injuries in Athletes: Prevention, Treatment, and Return to Sport*, 1<sup>st</sup> Edition. (RA Arciero, FA Cordasco, MT Provencher, eds.) Elsevier, 2018.

Hinckel B, **Michael Stevens**, Cook J, Farr J. *Biologic Augmentation of Cartilage Repair*. AAOS Let's Discuss: Biologics in Orthopedics.

**Michael S**, Nuelle C, Farr J. AAOS Let's Discuss Series: *Issues Specific to Cartilage Restoration in the Patellofemoral Joint* May 2015.

**Michael S**, Nuelle C, Latterman C. AAOS Let's Discuss Series: *Meniscal Allograft Transplantation*. May 2015.

**Michael Stevens**, Karas V, Lee A, Bhatia S, Mather III R, Harwood D, Romeo AA, Cole BJ. *Humeral Head Fresh Allograft for Hill-Sachs Defects in Shoulder Instability*. Video Atlas of Shoulder Surgery 2013. Editor McCann.

Bhatia S, Lee A, **Michael Stevens**, Provencher MT, Cole BJ. *Pearls for Anatomic Glenoid Reconstruction Using Distal Tibial Allograft*. Video Atlas of Shoulder Surgery 2013. Editor McCann.

**Michael Stevens**, Chalmers P, Ghodadra, Lenart B, Nicholson GP. *Arthroscopic Treatment of Frozen Shoulder*. AAOS Atlas of Essential Orthopaedic Procedures. AAOS 2013.

Ghodadra N, Chalmers P, **Michael Stevens**, Mathers C, Provencher MT, Romeo A. *Arthroscopic biceps tenodesis and tenotomy*. AAOS: Atlas of Essential Orthopaedic Procedures. AAOS 2013.

Ghodadra, **Michael Stevens**, Garbis N, Provencher MT, Romeo AA. *Arthroscopic Repair of Involuntary Multidirectional Instability*. Masters Techniques in Orthopedic Surgery: The Shoulder, 3<sup>rd</sup> edition. 2011.

**Michael Stevens**, Rodeo SA. *Healing of the Knee Ligaments and Menisci*. Insall and Scott Surgery of the Knee, 5<sup>th</sup> Edition. Scott W.N., Scuderi G, eds. Elsevier 2012.

Yanke A, Ghodadra N, Van Thiel G, **Michael Stevens**, Romeo AA, Verma N. *Arthroscopic Suprascapular Nerve Decompression: Etiology, Diagnosis, and Surgical Technique*. Orthopedic Knowledge Online 2012.

Chalmers P, Karas V, **Michael Stevens**, Cole BJ. *Combined Cartilage Restoration and Distal Realignment for Patellar and Trochlear Chondral Lesions*. Orthopedic Knowledge Online 2012.

Chalmers P, **Michael Stevens**. *Patient Positioning, Portal Placement, Normal Arthroscopic Anatomy, and Diagnostic Arthroscopy: Techniques of the Shoulder, Elbow, and Knee in Sports Medicine*. Editors: Cole and Sekiya, 2011.

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### Peer and non-peer reviewed multimedia publications/presentations

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Healio Orthopedics Today: Patellofemoral Update 5/14/2020: Commentary on *Sochacki et.al*. Medial patellofemoral ligament originates average of 7 mm distal to distal femoral physis.

ICRS Newsletter Summer 2020: *Cells and Scaffold for Cartilage Regeneration* (Ignacio Dallo, Alberto Gobbi, **Michael Stevens**)

AOSSM SMU Spring 2020: *The Use of Orthobiologics for Early OA*

The Sports Agent Blog : Interview on career development

Washing Post Article: MACI (10/17/2020)

ICRS Newsletter: *ICRS NextGen Committee* Fall 2019

Arthroscopy Journal Podcast: *Tibial Tubercle Osteotomy* Fall 2019

Healio Orthopedics Today. Perspective on “Patella alta, preoperative positive J-sign may be risk factors for failure after MPFL reconstruction”. 6/5/2019

Healio Orthopedics Today. Medial patellofemoral ligament reconstruction seen as safe, effective in patients with high BMI. 5/16/2019

AOSSM In the Game 2019: *Overuse Injuries in Fly Fishing*

AOSSM SMU *Save the Meniscus* 2019

KFRU Radio Interview “The Closers” – Shoulder injuries in sport 3/2019

KFRU Radio Interview “The Closers” – ACL injuries in sport 1/3/2019

Inside Columbia Magazine: *How to Stay Injury Free*

Inside Columbia Magazine: *Best Way to Ease Into a Workout Program*

AOSSM In the Game Winter 2018: *Blood Flow Restriction*

AOSSM In Motion 2018: *Pre-Participation Physicals*

AOSSM SMU *Patellofemoral Cartilage Restoration*. Fall 2018 Issue

ISAKOS Newsletter 2018. *Meniscal Allograft Transplantation*

ICRS Newsletter 2018 Patellofemoral Cartilage Restoration

Orthopedics Today 8/2018: Rixaroxaban may reduce post-osteotomy thromboembolic events better than ASA

Helios Patellofemoral Blog 2018: *Distalization type TTO has higher re-operation rate than AMZ*

AOSSM In Motion 2018: *Youth baseball injury prevention*

KOMU NBC TV interview 8/25/2018 (FNL program)

ABC News TV Interview 8/2018 (Sports Clinic)

KFRU Radio Interview 8/16/2018 FNL Clinic

KFRU Radio Interview 8/23/2018 Football Injuries

KOMU TV Interview 7/11/2018 (Sports Physicals)

AOSSM SMU Winter 2017/2018: *AOSSM/SLARD Travelling Fellowship*

AOSSM In Motion 2017: *To Screen or Not to Screen for ACL Injury*

AOSSM In Motion 2017: *Patellofemoral Instability*

Helios Patellofemoral Blog: *RTP following Patella Instability*

Ultramax Blog Posts: TriZou 2017

Like an Athlete Blog Posts: University of Missouri 2018

*Train Like an Athlete*

*Heal Like an Athlete*

*Eat Like an Athlete*

'Gift of Body' video interview with medical students. University of Missouri 2016.

KFRU Radio interview on "The Closers". Issues pertaining to the team physician. 7/12/2016.

Michael Stevens, Pomajzl R. *Patellofemoral Blog: RTP following patella instability event or surgery*. Orthopedics Today 2016.

COMO Living: *Doc Talk 2015*. Michael Stevens, MD

Illumination Magazine (Research, Scholarship, and Creative Achievement at the University of Missouri). *ACL at risk. Can a repurposed peripheral help young athletes stay in the game?* Fall/Winter Issue 2015.

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Chalmers P, Yanke A, Karas V, Michael Stevens, Cole BJ. *AMZ and ACI for a Patella Lesion*. VuMedi Video Presentation 2011.

Michael Stevens, Lin E, Verma NN. *Arthroscopic Treatment of Suprascapular Nerve Entrapment*. Lecture Hand-out for AAOS Shoulder Course at the Orthopedic Learning Center. Chicago, IL. 2011.

Michael Stevens. *Myositis ossificans*. Web-based review article: [www.Orthopaedica.com](http://www.Orthopaedica.com)

### International/National/Regional/Local Meetings:

(\* denotes presentation by co-investigator)

MACKIS 2020 (virtual meeting due to COVID-19)

Moderator:

Patellofemoral Section

Meniscus live surgical demo

MPFL live surgical demo

OSET 2020 (virtual meeting due to COVID-19)

Podium Presentation(s):

Debate- MRI vs. in-office arthroscopy

Treatment of Patellofemoral Cartilage in Setting of Instability

Case Panel(s): Orthobiologics, Knee Cartilage, Patellofemoral

Industry Symposium: S&N Meniscus

Western Orthopedic Association (virtual meeting due to COVID-19)

Podium Presentation:

Debate- Horizontal and Radial Meniscus Repair

AOSSM 2020 (meeting cancelled due to COVID-19)

Poster Presentations: Salty Knee, Quad vs. BTB ACL reconstruction

Podium: Tibial Tubercle Osteotomy (cancelled)

AANA Annual Meeting April 2020 (in-person meeting cancelled due to COVID-19)

Webinars:

ICL: Meniscus Transplantation, Substitution and Ramp Repair- Where are we in 2020?

ICL: The Role of Lateral Extra-articular Procedures in Revision ACL Reconstruction

Paper Presentation: *MPFL Repair versus Reconstruction for Refractory Patella Instability in Patients Under 18 Years Old*

2020 Patellofemoral Anatomy Research Excellence Award

AAOS Annual Meeting March 2020 (in-person meeting cancelled due to COVID-19)

Webinars:

Sports Medicine Highlights 2020

Symposium: Meniscus Root Repair

AO Course: Advanced Principles on the Management of Knee Disorders February 2020 (Miami, FL)

Faculty Presentation(s):  
Management of Acute Patella Dislocation  
Management of Recurrent Patella Dislocation  
New Concepts and Trends in Meniscal Repair

International Sports Medicine Fellowship Conference/Biologic Association Feb 2020 (Carlsbad, CA)

Program Chair  
Podium: Short and Long acting Cortisone- Are they still relevant?  
Podium: Patellofemoral Cartilage Restoration  
Podium: Getting it right- medial anatomy and soft tissue stabilization  
Live Demo: Agili-C implant for knee cartilage restoration

International ACL Study Group Biennial Meeting January 2020 (Kitzbühl, Austria)

Podium: BTB vs. Quadriceps Autograft for ACL Reconstruction  
Podium: Biennial ACL Study Group Survey Results

SOMOS: Extremity War Injury Symposium January 2020 (Washington DC)

Podium: Knee Joint Preservation in Post-traumatic Arthritis  
Industry Symposium: Evolution of Knee Meniscus Repair  
Break-out session leader: Orthobiologics

PRISM (Pediatric Research in Sports Medicine) Annual Meeting January 2020

\*Podium: BTB vs. Quadriceps Autograft for ACL Reconstruction in Patients under 18 YO  
\*Poster: MPFL Repair vs. Reconstruction in Patients under 18 YO

OSET December 2019 (Las Vegas, Nevada)

Presentation(s):  
Dreaded Chondral Defects of the Patellofemoral Joint- How I treat them  
All-inside meniscal fixators get the job done without hassle or failure  
Cryopreserved Flexible Allografts- Don't Give up on them  
Lateral Opening Wedge Distal Femoral Osteotomy: Surgical Technique  
Patella Dislocation: Risk Stratify and Consider Early Stabilization  
Moderator: Biologics Case Based Panel  
Industry Symposia: ConMed Two Stage Revision ACL Reconstruction, MACI Case Presentation, S&N  
Save the Meniscus

Sports Knee Surgery Meeting November 2019 (Warwick, UK)

Podium(s):  
Patella Tendon for ACL Reconstruction  
BMAC, Amnion... What else?  
Meniscus Transplantation: Bone Plugs are Better  
Cartilage Repair in the Patellofemoral Joint  
Cells, Scaffolds... Allografts  
Industry Symposium: Two Stage Revision ACL Reconstruction- Bone Grafting Options

ICRS Biennial Meeting October 2019 (Vancouver, Canada)

Podium: Patellofemoral Joint Preservation  
Industry Symposia: Agili-C, JRF Osteochondral Allografts, Arthrex Particulated Autograft  
Committee: General Board, NextGen Chair

International Patellofemoral Study Group Biennial Meeting, September 2019 (Banff, Canada)

Podium: MPFL repair vs. reconstruction for Chronic Patella Instability

Podium: Update on PF Online Course

AANA Patellofemoral Joint Preservation September 2019 (Rosemont, IL)

Course Chair

Podium: When to Treat and Not Treat Patellofemoral Cartilage

Case Presentation: Cartilage Decision Making

MACKIS Complex Knee Course Sept 2019 (Minneapolis, Minnesota)

Podium: Management of the Peroneal Nerve in Multiligamentous Knee Injury

Live Demo(s): Meniscus repair using Novostitch Pro, Tibiofibular joint reconstruction

AOSSM Annual Meeting July 2019 (Boston, MA)

Podium: MPFL reconstruction with and without osteotomy

Invited Talk: Knee Bracing in Osteoarthritis

'W' society: Complex Patellofemoral Case Presentation

Committee Meeting: Publication Committee

Industry Symposia: Vericel MACI symposium, ConMed Pre-Course Lab and Lecture, S&N Lunch

Session- Save the Meniscus

Panther ACL Consensus Symposium June 2019 (Pittsburgh, PA)

Podium: Meniscus Transplantation

Consensus Panel: ACL RTP

AANA Annual Meeting May 2019 (Orlando, FL)

ICL: Meniscus Preservation

Podium: The Influence of Body Mass Index (BMI) >30 on Outcomes and Complications Following Medial Patellofemoral Ligament (MPFL) Reconstruction

E-poster: Kinect Screening of Youth Athletes

Committee meeting: Learning Center (OLC)

ISAKOS Biennial Meeting May 2019 (Cancun, Mexico)

Knee Joint Preservation Pre-Course Co-Chair

Pre-Course Section Leader: Cartilage

ICL Chair and Speaker: PF cartilage

Symposia:

Time vs. Criteria based ACL

Why do ACL grafts fail?

\*Podium: In Vitro Safety and Efficacy of a Commonly Used Post-Operative "Orthococktail"

Podium: Revision TTO (IMREF meeting)

E-poster: MPFL repair vs. Reconstruction for Chronic Patella Instability

PF cartilage systematic review

Committee meeting: Knee Joint Preservation, ICRS Biologics Alliance/ISMF

Industry: ConMed revision ACL reconstruction, S&N Meniscus Lunchtime session

AOSSM/AANA Specialty Day March 2019 (Las Vegas, NV)

Podium: AM Portal ACL Reconstruction

AAOS March 2019 (Las Vegas, NV)

ICL: Patella Instability, Cell Based Cartilage Repair, Joint Preservation, Patellofemoral Cartilage Restoration

Symposium: Meniscus repair

Moderator: Knee Paper Session, Sports Medicine Highlights

Video Theater (OCA Transplant for Massive OCD Lesion)  
Video Theater (Physal sparing quad autograft ACL + ITB tenodesis)  
Poster: Tommy John  
Committee Meeting: Sports medicine/arthroscopy, HSS Alumni, ISAKOS Knee Joint Preservation  
Industry: ConMed booth talk on Revision ACL , S&N exhibit theater talk on Novostitch Pro

Orthopedic Research Society (ORS) Annual Meeting February 2019 (Austin, Tx)  
Poster: Effects of an “Orthococktail” Injection on Articular Cartilage from Patients with Knee Pain

International Sports Medicine Fellows (ISMF) Conference January 2019 (Carlsbad, CA)  
Course Program Chair  
Moderator: Cartilage Course  
Podium: Patellofemoral Cartilage Treatment

ICRS Summit January 2019 (San Diego, CA)  
Podium: Innovation in Rehabilitation and RTP  
Committee: NextGen committee, General Board meeting

Cedars Sinai Orthopedic Grand Rounds 1/2019 (Los Angeles, CA)  
Podium: Patellofemoral Cartilage Restoration

University of Iowa Visiting Professor and MACI Lab 12/17/2018 (Iowa City, IA)  
Podium: Patellofemoral Cartilage and Case Presentations

University of Missouri Health Sciences Research Day 2018 (Columbia, MO)  
\*Poster Presentations:  
Pratt (Systematic review of Patellofemoral Cartilage Restoration)  
Baumann (cytotoxicity of the Orthopedic Cocktail)  
Rund (risk factors for pediatric patellofemoral instability)  
Welsh (MPFL clinical outcomes)

100<sup>th</sup> Annual HSS Alumni Association Meeting 10/25/2018 (New York, NY)  
Panel Discussion: Faculty Development and Clinician Burnout

AOSSM Annual Meeting July 2018  
Podium: Correlation of Promis CAT and KOOS for Osteotomy/Cartilage  
Moderator:  
Round Table Cartilage  
Knee Osteoarthritis session  
Committee: Publication committee

Southern at the SEC May 2018  
Podium and Panel:  
Meniscus Transplantation and Knee Cartilage Repair

AMSSM Annual Meeting May 2018  
\*Poster: Novel Measurement of ACL Injury Rate in HS athletes

AANA Annual Meeting April 2018  
Podium Presentations:  
TTO DTX vs AMZ, ASA vs. Xarelto  
ICL Leader and Speaker: Meniscus Repair and Replacement

Industry Session (Arthrex): Meniscal Root Tears  
Committee: Advocacy

Mid-America Orthopedic Association 4/2018  
\*Podium  
TTO AMZ vs. DTZ

ICRS World Congress 4/2018 (Macao, China)  
Podium: When and How to Treat Patellofemoral Cartilage Lesions  
Moderator:  
NextGen sessions  
Poster:  
DeNovo NT  
Systematic Review of PF cartilage  
Committee: NextGen committee

University of Missouri Comparative Orthopedic Laboratory Research Day 4/2018  
\*Podium  
Promis vs. KOOS for knee cartilage and osteotomy

AAOS Annual Meeting March 2018 (New Orleans, LA)  
Podium:  
Sports Medicine Highlights Session  
Moderator:  
Knee Ligaments  
Video Theater:  
MACI video (PI)  
Industry Session (Vericel): MACI case presentation and panel  
Committee: Sports Medicine/Arthroscopy

International ACL Study Group Biennial Meeting January 2018 (Queenstown, NZ)  
Podium: Global Trends in ACL Surgery 2018 Survey  
Committee: Website, membership

ISMF January 2018 (Carlsbad, CA)  
Course Program Chair  
Moderator: Cartilage Course  
Podium: Patellofemoral Cartilage Treatment

APTA 2018 (New Orleans, LA)  
\*Poster: Lateral Step Down

HSS Alumni Meeting 2017 (New York)  
Podium Presentation  
Debate: ACL Primary Repair vs. Reconstruction

International Patellofemoral Study Group September 2017 (Munich, Germany)  
Podium Presentation  
Complications of Distalization TTO

Western Orthopedic Association 2017 (W. Sheppard)  
\*Podium: Rapid Fire Podium Presentation

## High Variability In Evaluating Articular Cartilage Lesions In Clinical Studies

University of Missouri Health Science Research Day 2017

\*Poster Presentations

Prospective Database on Knee osteotomy

Prospective Database on Knee cartilage

SBRATE/SLARD 2017 (Curitiba, Brazil)

Podium Presentation:

Screening for ACL Injury and RTP Protocol

Argentinian Arthroscopy Association Meeting 2017 (Buenos Aires, Argentina)

Podium Presentation:

Role of Osteotomy in Complex Patellofemoral Conditions

AOSSM 2017 (Toronto, Canada)

Faculty Round Table Discussion

Articular Cartilage

Industry: MACI Case Presentation: Patellofemoral Joint

Committee: Publication

AMSSM 2017

\*Poster: Distal Bicep Femoris Rupture and Surgical Fixation

ISAKOS 2017 (Shanghai, China)

Podium Presentation: Animal Model of Post-traumatic OA investigating subchondroplasty

E-poster Presentations:

Transosseous vs. Suture Anchor Patella Tendon

Multicenter Survey on ACL RTP

Kinect Validation

Mid-America Orthopedic Association 4/2017

\*Podium Presentation

Transosseous vs. Suture Anchor Patella Tendon

AANA 2017 (Denver, Co)

Moderator: Articular Cartilage Session

ICL Leader: Innovations in Meniscus Repair, Replacement, and Transplantation

E-posters:

Radiology and Histology of Biceps Tenodesis

Medial and Lateral MAT

University of Missouri Comparative Orthopedic Laboratory Research Day 2017

Podium Presentation: Complications of Osteotomy

Society for Biomaterials Conference 2017 (Minneapolis, MN)

\*Ortho SIG Star Abstract Award

S. Grant et.al. In vivo bone tunnel evaluation of nanoparticle ACL grafts

AAOS 2017 (San Diego, CA)

ICL: Cell Based Cartilage Repair

Podium Presentation: Transosseous vs. Suture Anchor Patella Tendon

\*Podium Presentation: Salty Shoulder

ICRS 2016 (Sorrento, Italy)

\*Faculty Presentation: Meniscal Repair

\*Faculty Presentation: Post-traumatic Arthritis

\*Podium Presentation: Animal Model of Post-traumatic OA investigating subchondroplasty

Poster Presentations:

All-Inside Meniscal Allograft Transplantation Using the *Mizzou* MAT

Development of a Novel Decellularized Meniscal Scaffold for Use in Tissue Engineering

AOSSM 2016 (Colorado Springs, USA)

Faculty Round Table Discussion : Articular Cartilage

Poster Presentation: Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device

AMSSM 2016

\*Poster: Tibial Tubercle and Tibial Plateau Fracture in Basketball Athlete

University of Missouri Phi Zeta 2016

\*Poster: Evaluation of Novel Meniscal Repair Scaffold – Development and Model Validation

University of Missouri Comparative Orthopedic Laboratory Research Day 2016

Podium Presentation: All-Inside Meniscal Allograft Transplantation Using the *Mizzou* MAT

\*Podium: Biological Augmentation Strategies for Meniscal Repair

\*Podium Presentation: From the Lab to the High School Gym: ACL Risk Screening

AANA 2016

\* Podium Presentation: Evaluation of hyperosmolar irrigation solution for shoulder arthroscopy: A prospective, double-blind, randomized, controlled study

e-Poster Presentation : In vivo Toxicity of Local Anesthetics and Corticosteroids on Supraspinatus Tenocyte Cell Viability and Metabolism

International ACL Study Group 2016 (Are, Sweden)

Symposium: ACL RTP

Podium:

Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device

Multicenter Survey on Return to Play Following ACL Reconstruction

ACL Study Group membership survey results

ORS 2016:

\*Podium Presentation: Monibi FA, Stoker AM, Pfeiffer FM, Kuroki K, Michael Stevens, Cook JL.

Development of a Novel Decellularized Meniscal Scaffold for Use in Tissue Engineering

Poster Presentation: Nuelle C, James CH, Stoker AM, Cook JL, Michael Stevens. In vitro Toxicity of Local Anesthetics and corticosteroids on Supraspinatus Tenocyte Viability and Metabolism

AAOS 2016: Scientific Exhibit Poster Presenter. Orlando, FL

Meniscus Replacement, Transplantation, and Regeneration: State of the Art in 2016.

University of Missouri Health Sciences Research Day Nov 12, 2015 (Columbia, MO)

\*Posters:

Development of a novel decellularized meniscal scaffold for use in tissue engineering – F. Monibi

Screening Youth Athletes for High Risk Landing Patterns Using an Inexpensive and Portable Motion Sensor Device- T. Gulbrandsen

Correlating motion analysis systems and clinical testing to establish an appropriate return to sport protocol following ACL reconstruction in athlete – N. Siesener

International Patellofemoral Study Group 9/2015 (Chicago, IL)

Podium Presentation: Preliminary Validation of the Knee cAPP: A Musculoskeletal Model Used to Predict Changes in Patellofemoral Contact Area During Gait

American Society Biomechanics: 8/2015 \*

Predicting Patellofemoral Contact Mechanics: A Computational Study

AOSSM 2015:

Podium:

Effect of Lace-up Ankle Braces and Neoprene Sleeves on Neuromuscular Control and Athletic Performance

Transosseous versus Suture Anchor Quadriceps Tendon Repair

Biomechanical Study of Lateral Meniscal Allograft Transplantation Using Anatomic Bone Sockets and TightRope Cortical Fixation

Posters:

Effect of Lace-up Knee Braces and Neoprene Sleeves on Neuromuscular Control and Athletic Performance

Effect of Lace-up Ankle Braces and Neoprene Sleeves on Neuromuscular Control and Athletic Performance

Phi Zeta 5/8/2016

Poster Presentation: Monibi FA, Pfeiffer FM, Stoker AM, Kuroki K, **Michael Stevens**, Cook JL. In Vitro Evaluation of a Decellularized Canine Meniscal Scaffold for Biological Augmentation of Meniscal Fibrocartilage Regeneration.

ICRS 2015

Podium Presentation:

Post-traumatic OA Canine Impact Model

Effect of Femoral Condyle Width on Contact Pressure of Various Sized Chondral Lesions

YSOS Star Papers Podium Presentation

Validation of the Knee cAPP: A Musculoskeletal Model Used to Predict Patellofemoral Contact Pressures During Gait

Poster Presentation: Biomechanical Study of Lateral Meniscal Allograft Transplantation Using Anatomic Bone Sockets and TightRope Cortical Fixation

ORS 2015 (Las Vegas, NV)

\*Poster: Serum Biomarkers in a Novel In Vivo Model of Post-Traumatic Osteoarthritis-accepted

AAOS 2015 (Las Vegas, NV)

Scientific Exhibit(s) Poster Presenter:

Expanding Indications for Fresh Osteochondral Allograft Transplantation

Two Stage Revision ACL Reconstructions: Indications, Technique, Outcome

University of Missouri Comparative Orthopedic Laboratory Research Day 4/10/2015

Podium Presentations:

Validation of the “Knee cAPP”: A Musculoskeletal Model used to predict patellofemoral contact pressures during gait

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\*Regenerating a Meniscus – Where are we now? Dr. Farrah Monibi

\*The Salty Shoulder – Pre-Clinical and Clinical Studies Dr. Smith

University of Missouri Health Sciences Research Day 2014 (Columbia, MO)

\*Posters:

*Development and validation of a novel in vivo model of post-traumatic osteoarthritis – F. Monibi*  
*Hop Test Performance Does Not Correlate with Neuromuscular Control During the Drop Vertical*  
*Jump-H. Lewis*

*The Effect of Knee and Ankle Neoprene Sleeves and Prophylactic Braces on Lower Extremity*  
*Neuromuscular Control – G. Stover*

AOSSM 2014 (Seattle, WA)

Poster Presentation. Validation of Xbox Kinect as Portable, Inexpensive Tool for ACL Injury Risk  
University of Missouri Comparative Orthopedic Laboratory Research Day 2014

Podium Presentation:

Functional Movement Evaluation in Athletes

ORS 2014 (New Orleans, LA)

Poster Presentation. *Transosseous Versus Suture Anchor for Quadriceps Tendon Repair*

AAOS Annual Meeting, March 2014:

Scientific Exhibit Presenter: *Tibial Tubercle Osteotomy: Indications, Techniques, Outcomes*

ACL Study Group 1/2014 (CapeTown, South Africa)

Podium Presentation: *Validation of an inexpensive portable sensor for measuring knee abduction angle during drop vertical jump test*

Phi Zeta Day 2014

\*Poster Presentation: *Genipin effects on cell viability and mechanical properties of a biological scaffold intended for meniscal tissue engineering*

Hospital for Special Surgery Alumni Day 11/2013

Lecture and Panel Discussion:

*Training to Practice: Considerations for Academic Practice*

ICRS International World Congress 2013 Izmir, Turkey

Poster Presentations:

*In Vivo Toxicity of Local Anesthetics and Corticosteroids on Cartilage and Synovium*

*Ex vivo Comparison of a Novel Tapered Osteochondral Allograft Transplantation System with*  
*Standard Cylindrical Insertion Techniques*

University of Missouri Comparative Orthopedic Laboratory (COL) Day 2013

Podium Presentation: *In vitro and In vivo toxicity of Local Anesthetics and Cortisone Derivatives*

University of Missouri Comparative Orthopedic Laboratory (COL) Day 2013

\* Poster Presentation.

*Validation of an inexpensive portable sensor for measuring knee abduction angle during a drop vertical jump*

University of Missouri Health Sciences Research Day 2013 (Columbia, MO)

\**Thompson et.al. DARI -Youth Pitchers*

\**Plackis et.al. DARI- Core Kinematics*

*\*Young et.al. DARI- Ballet Biomechanics*

AMSSM Annual Meeting 2013

*\*Poster Presentation: Efficacy of Team Physician-in-Training Seminar*

ISAKOS 2013. Toronto, CA

*E-Poster: In Vitro Toxicity Of Local Anesthetics And Corticosteroids On Chondrocytes And Synoviocytes*

AAOS Annual Meeting, March 2012 – Chicago, IL

Scientific Exhibit

*Cell Based Articular Cartilage Repair in the Knee: An Evidence Based Review*

Paper Presentations:

*\*Return to High-Level Sport Following Meniscal Allograft Transplantation*

*\*Does Anterior Cruciate Ligament Reconstruction Alter Natural History?:*

*A Systematic Review of Long-term Outcomes*

ORS 2013

*In Vitro Toxicity of Local Anesthetics and Corticosteroids on Chondrocytes, Synoviocytes, and Tenocytes*

University of Missouri Health Sciences Research Day 2012 (Columbia, MO)

- Bodendorfer B, Toogood P, Feeley B, Michael Stevens.  
*Trends in the Management of Proximal Humerus Fractures in the United States: 1998-2009*
- Gregory M, Capito N, Jenkins T, Gray A, Bal BS, Michael Stevens.  
*Overutilization of MRI in the Diagnosis and Treatment of Moderate to Severe Osteoarthritis.*
- Marks J, Gray AD, Michael Stevens.  
*Portable, inexpensive motion analysis system to identify female athletes at high risk of anterior cruciate ligament rupture.*

AOSSM Annual Meeting, July 2012 – Baltimore, Maryland

*Poster Presentation: Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendo-osseous Repair*

AANA Annual Meeting, May 17-19, 2012 – Orlando, Florida: Poster Presentation

Michael Stevens, Mather R, Verma N, Romeo A.

*ePoster Presentation -Biomechanical Analysis of the Pectoralis Major and Comparison of Techniques for Tendo-osseous Repair*

AAOS/ASES Biennial Meeting May 2012 – Podium Presentation

Michael Stevens, Mather R, Verma N, Romeo A.

*Pectoralis Major Repair: Transosseous versus Suture Anchor Repair*

ACL Study Group February 2012 – Podium Presentation

Michael Stevens, Suero E, Delos D, Michael MF, Pearle AD.

*Biomechanical Analysis of Combined Intra-articular and Extra-articular ACL Reconstructions in a Cadaveric Model Using Computer Navigation.*

AAOS Annual Meeting February 2012 – San Francisco, CA: Podium Presenter

Lin EC, Dhawan A, Michael Stevens, McGill KC, Provencher MT, Nicholson GP, Cole BJ, Verma NN, Romeo AA.

*Arthroscopic Primary Rotator Cuff Repairs in Patients under the Age of 45*

AAOS Annual Meeting February 2012 – San Francisco, CA: Podium Presentation \*

Michael Stevens, Mather R, Verma N, Romeo A.

*Pectoralis Major Repair: Transosseous versus Suture Anchor Repair*

AAOS Annual Meeting February 2012 – San Francisco, CA: Poster Presentation

Karas V, Michael Stevens, Baker C, Bach BR, Cole BJ, Bush-Joseph CA.

*Allograft Reconstruction for Failed or Neglected Extensor Mechanism Injuries.*

AAOS Annual Meeting February 2012 – San Francisco, CA: Multimedia Presentation

Yanke AB, Ghodadra NS, Michael S, Romeo AA, Verma NN.

*Arthroscopic Suprascapular Nerve Compression.*

AAOS Annual Meeting February 2012 – San Francisco, CA: Multimedia Presentation

Chalmers PN, Yanke AB, Karas V, Michael Stevens, Cole BJ.

*Combined Cartilage Restoration and Distal Realignment for Patellar and Trochlear Chondral Lesions.*

Hospital for Special Surgery Alumni Day 11/2011: Lecture and Panel Discussion

*Training to Practice: Considerations for Academic Practice*

AOSSM Annual Meeting July 2011 – San Diego, CA: Podium Presentation

Lin, EC; Dhawan, A; Michael Stevens; McGill, KC; Provencher, MT; Nicholson, GP; Cole, BJ; Verma, NN; Romeo, AA.

*Arthroscopic Primary Rotator Cuff Repairs in Patients under the Age of 45*

AOSSM Annual Meeting July 2011 – San Diego, CA: Poster Presentation

Lenart B, Michael Stevens, Gochanour E, Twigg S, Nicholson GP.

*Arthroscopic Repair for Posterior Shoulder Instability in the Young Athlete.*

Herodicus Society 2011: Podium Presentation \*

Michael Stevens, Karas V, Baker C, Bach BR, Cole BJ, Bush-Joseph CA.

*Allograft Reconstruction for Failed or Neglected Extensor Mechanism Injuries.*

Herodicus Society 2011: Podium Presentation \*

Karas V, Michael Stevens, Dhawan A, Cole

BJ.

*Outcomes of Meniscal Allograft Transplantation in the High-Level Athlete*

Computer Assisted Orthopedic Surgery (CAOS) Annual Meeting June 2011 – London, UK:

Poster Presentation

Michael Stevens, Suero E, Delos D, Michael MF, Pearle AD.

*Biomechanical Analysis of Combined Intra-articular and Extra-articular ACL Reconstructions in a Cadaveric Model Using Computer Navigation*

Rush University Orthopedic Surgery Resident/ Fellow Thesis Day June 2011: Podium Presentation

Michael Stevens, Mather R, Verma N, Romeo A.

*Pectoralis Major Repair: Transosseous versus Suture Anchor Repair*

Rush University Orthopedic Surgery Resident/Fellow Thesis Day June 2011: Abstract

- Michael Stevens, Karas V, Baker C, Bach BR, Cole BJ, Bush-Joseph CA.  
*Allograft Reconstruction for Failed or Neglected Extensor Mechanism Injuries.*  
Rush University Orthopedic Surgery Resident/ Fellow Thesis Day June 2011: Abstract  
Kang RW, Michael Stevens, Twigg S, Nicholson GP.  
*Coracoacromial Ligament Hypertrophy as a Cause of Primary Impingement in Young Overhead Athletes*
- Rush University Orthopedic Surgery Resident/ Fellow Thesis Day June 2011: Abstract  
Lin, EC; Dhawan, A; Michael Stevens; McGill, KC; Provencher, MT; Nicholson, GP; Cole, BJ;  
Verma, NN; Romeo, AA.  
*Arthroscopic Primary Rotator Cuff Repairs in Patients under the Age of 45*
- Rush University Orthopedic Surgery Resident/ Fellow Thesis Day June 2011: Abstract  
Salata M, Michael Stevens, Sershon B, Romeo AA, Shewman EF, Lin E, Wang V, Cole BJ, Verma NN.  
*Biomechanical Evaluation of Trans-Osseous Rotator Cuff Repair: Do Anchors Really Matter?*
- Rush University Orthopedic Surgery Resident/ Fellow Thesis Day June 2011: Abstract  
Karas V, Michael Stevens, Dhawan A, Cole BJ.  
*Outcomes of Meniscal Allograft Transplantation in the High-Level Athlete*
- Rush University Orthopedic Surgery Resident/ Fellow Thesis Day June 2011: Abstract  
Mather R, Michael Stevens, Verma N, Romeo A.  
*False Positive MRI results of Rotator Cuff Tears in Total Shoulder Arthroplasty*
- AANA Annual Meeting 2011 April 2011- San Francisco, CA: E-Poster Presentation  
Salata M, Michael Stevens, Sershon B, Romeo AA, Shewman EF, Lin E, Wang V, Cole BJ, Verma NN.  
*Biomechanical Evaluation of Trans-Osseous Rotator Cuff Repair: Do Anchors Really Matter?*
- AAOS Annual Meeting February 2011 – San Diego, CA: Poster Presentation  
Cross M, Michael Stevens, Pearle AD, Mayman D.  
*The effect of distal femoral re-cuts on coronal plane stability in TKA: A cadaveric study*
- AAOS Annual Meeting February 2011 – San Diego, CA: Poster Presentation  
Kang RW, Michael S, Twigg S, Nicholson GP.  
*Coracoacromial Ligament Hypertrophy as a Cause of Primary Impingement in Young Overhead Athletes*
- AOSSM Annual Meeting July 2010 – Providence, RI: Poster Presentation  
Suero EM, Petrigliano F, Lane CG, Citak M, Haentjes J, Bosscher F, Michael  
Stevens, Pearle AD.  
*The effect of posterior cruciate and posterolateral corner injuries of the knee on tibiofemoral translation during the reverse pivot shift test: A cadaveric study*
- NYU Alumni Day May 2010 – New York, NY: Podium Presentation \*  
Michael Stevens, Manoff E, Von Tobel T, Mintz D, Michael MF.  
*Assessment of the coronal plane obliquity of the native ACL in non-standard planes by MRI.*
- HSS Annual Chief Resident Research Day March 2010 – New York, NY: Podium Presentation  
Feeley BT, Muller MS, Michael Stevens, Allen AA, Pearle AD.  
*Comparison of posterolateral corner reconstructions using computer-assisted navigation.*
- AAOS Annual Meeting Feb 2010 – New Orleans, Louisiana: Scientific Exhibit

Cross MB, Michael Stevens, Kepler CK, Neviasser AS, Weiland AJ.

*The evolution of elbow arthroplasty: innovative solutions to complex clinical problems.*

ACL Study Group Feb 2010 – Phuket, Thailand: Podium Presentation

Lyman S, Koulouvaris P, Michael Stevens, Do H, Mandl LA, Marx RG.

*Epidemiology of anterior cruciate ligament reconstruction: trends, readmissions, and subsequent knee surgery*

Eastern Orthopedic Association (EOA Meeting) 2009 – Atlantis, Bahamas: Podium Presentation

Michael Stevens, Nho SJ, Delos D, MacGillivray J.

*Clinical and Ultrasound Results of the Massive Cuff Stitch for Arthroscopic Repair of Large and Massive Rotator Cuff Tears*

Eastern Orthopedic Association (EOA Meeting) 2009 – Atlantis, Bahamas: Podium Presentation \*

Lyman S, Koulouvaris P, Michael Stevens, Do H, Mandl LA, Marx RG.

*Epidemiology of anterior cruciate ligament reconstruction: trends, readmissions, and subsequent knee surgery*

Eastern Orthopedic Association (EOA Meeting) 2009 – Atlantis, Bahamas: Podium Presentation\*\*

Bedi A, Raphael B, Maderazo A, Pavlov H, Williams RJ 3rd.

*Trans tibial versus anteromedial portal drilling or anterior cruciate ligament reconstruction: a cadaveric study of femoral tunnel length and obliquity.*

AOSSM Annual Meeting July 2009 – Keystone, Colorado: Podium Presentation

Feeley BT, Muller MS, Michael Stevens, Allen AA, Pearle AD.

*Comparison of posterolateral corner reconstructions using computer-assisted navigation.*

European Society of Sports Traumatology, Knee Surgery and Arthroscopy 2008 – Porto, Portugal:  
Podium Presentation \*

Lyman S, Koulouvaris P, Michael Stevens, Do H, Mandl LA, Marx RG.

*Epidemiology of anterior cruciate ligament reconstruction: trends, readmissions, and subsequent knee surgery*

European Society of Sports Traumatology, Knee Surgery and Arthroscopy 2008 – Porto, Portugal:  
Poster Presentation

Michael Stevens, Lyman S, Koulouvaris P, Willis A, Marx RG.

*Risk factors for readmission and revision surgery following rotator cuff repair*

Eastern Orthopedic Association/ Southern Orthopedic Association Annual Meeting 2007 – Victoria, BC:  
Podium Presentation

Michael Stevens, Manoff E, Von Tobel T, Mintz D, Michael MF.

*Assessment of the coronal plane obliquity of the native ACL in non-standard planes by MRI*

AAOS Annual Meeting Feb 2007 – San Diego, CA: Scientific Exhibit

Nho SJ, Shindle MK, Michael Stevens, Freedman KB, Lyman S, MacGillivray JD.

*Systematic review of arthroscopic rotator cuff repair and mini-open rotator cuff repair*

Third Annual Joint Arthroplasty Young Investigator's Conference Feb 2007 – San Diego, CA:  
Poster Presentation

Michael Stevens, Cunneen KP, Walcott-Sapp S, Brause B, Westrich GH.

*Custom total femur spacer and second-stage total femur arthroplasty as a novel approach to infection*

*and periprosthetic fracture*

AAOS Annual Meeting Feb 2007 – San Diego, CA: Podium Presentation\*

Michael Stevens, Lyman S, Koulouvaris P, Willis A, Marx RG.

*Risk factors for readmission and revision surgery following rotator cuff repair*

AAOS Annual Meeting Feb 2007 – San Diego, CA: Poster Presentation

Lyman S, Koulouvaris P, Michael Stevens, Do H, Mandl LA, Marx RG.

*Epidemiology of anterior cruciate ligament reconstruction: trends, readmissions, and subsequent knee surgery*

AAOS Annual Meeting Mar 2006 – Chicago, IL: Podium Presentation\*

Lyman S, Michael Stevens, Carter TI, Bach PB, Mandl LA, Marx RG.

*Prevalence and risk factors for symptomatic thromboembolic events after shoulder arthroplasty*

\* denotes presentation given by a co-investigator

\*\*denotes presentation given for a colleague

### Courses/Webinars Instructed

Fall 2020-Spring 2021	Orthobiologics Tonight Webinar Series (Co-Host)
Fall 2020	S&N Fellow's Webinar Series (Knee Meniscus and Ligament Moderator)
Fall 2020	S&N Wide World of Sports Webinar: Meniscus Repair
Fall 2020	OrthoACCESS Webinar: ACL (moderator)
Fall 2020	ICRS Virtual Congress: Shoulder (Anatomic and Biomechanical Preservation)
Fall 2020	Vericel National Surgeon Training Webinar Series
10/21/2020	AANA Webinar Wednesday: Meniscus Repair Presentation
9/3/2020	Local Phillipines Society: Meniscus/PF presentation
8/2020	ISAKOS Osteotomy Webinar: TTO
7/2020	ICRS NextGen Webinar: Agili-C Presentation
7/2020	BASK Course (England) – Novostitch Pro Presentation
7/2020	ISAKOS Pediatric Webinar: Chondral and Osteochondral Issues
6/2020	AOSSM Fellow's Webinar: Patellofemoral Cartilage Restoration
5/21/2020	AAOS Cartilage Restoration Webinar: MACI Procedure
5/14/2020	MACI Multidisciplinary Panel Webinar
5/2020	Sports Med Innovate Cartilage Restoration Webinar- Case Presentation
5/2020	Mexico College of Orthopedic Surgeons Patellofemoral Webinar (TTO Talk)
5/2020	Wide World of Osteotomy Webinar: Case Presentation on Failed ACL
4/30/2020	Smith & Nephew Webinar: Horizontal and Radial Meniscus Repair
4/28/2020	Smith & Nephew Webinar: Why Meniscus Repair vs. Resection
4/12/2020	NYU Virtual Visiting Professor Case Panel: Cartilage Restoration
4/2020	Multi-center Sports Fellows Webinar Series: Tibial Tubercle Osteotomy
2/2020	ISMF/BA Program Director and Faculty (Carlsbad, CA)
2/2020	AO: Advanced Knee Course Faculty (Miami, FL)
9/2019	AANA PF Joint Preservation Course (Rosemont, IL)
9/2019	S&N MACKIS Complex Knee Course (Minnesota, MN)
7/17/2019	S&N Webinar: Save the Meniscus
6/8/2019	MACI National Surgeon Training Faculty (Dallas, TX)
6/5-6/7/2019	Panther ACL Consensus Symposium Faculty (Pittsburgh, PA)
6/3/2019	JRF Keynote Speaker (Columbus and Dayton, Oh)

6/1/2019 Arthrex Futures Course Faculty (Naples, FL)  
4/8/2019 Arthrex Knee Preservation Advanced Course Faculty (Naples, FL)  
4/1/2019 MACI presentation (San Antonio, TX)  
2/2019 AAOS Articular Cartilage Course (faculty)  
1/2019 ICRS Summit (San Diego, CA) Faculty  
1/2019 ISMF (Carlsbad, CA) Program Director and Faculty  
12/17-18/ 2019 University of Iowa Sports Medicine Lecture/ MACI lecture and lab  
12/5-7/2018 Orthopedic Summit (Faculty)  
10/12-14/2018 AOSSM Orthobiologics (faculty)  
9/7-9/2018 Chicago Sports Symposium (faculty)  
6/11/2018 Arthrex Futures Course and Non-CME Video Case Presentation/Laboratory  
5/4/2018 Sports Conference: PF Cartilage Treatment  
5/2018 Georgetown University Grand Rounds /Journal Club on Patellofemoral Cartilage  
4/2018 University of Missouri Sports Medicine Update (Moderator and lecture on PF joint)  
2/25/2018 Arthrex Non-CME Video Case Presentations and Laboratory  
1/25-28/2018 ISMF Course (Carlsbad, CA)  
11/11/2017 HSS Resident/Study Lab Instructor (Patellofemoral Cartilage/Osteotomy)  
9/9/2017 AANA Patellofemoral Course (Instructor)  
6/10/2017 MACI Course and Cadaver Lab (Chicago)  
5/22/2017 MACI Course and Cadaver Lab (STL)  
4/1/2017 MSOA Annual Meeting: Panel Discussion Management of Cartilage Injury  
3/29/2017 MACI talk with residents and cadaver lab  
2/4/2017 Arthrex Team Doctor Controversy Course (participant)  
1/21 – 1/24/2017 International Sports Medicine Fellows Cartilage and Hip Arthroscopy Course (Faculty)  
11/11/2016 AANA Fall Course Co-chair (Lecture on Tibial Tubercle Osteotomy)  
10/22/2016 Innovative Techniques: The Knee Course (CME Course Faculty)  
7/8/2016 AOSSM Round Table Discussion “Cartilage Lesions”  
4/15/2016 AANA Meeting: Industry Sponsored Seminar on Meniscus Transplantation  
3/31 – 4/2/2016 AAOS Articular Cartilage Course (Instructor)  
1/21 – 1/24/2016 International Sports Medicine Fellows Cartilage and Hip Arthroscopy Course (Faculty)  
1/10/2016 Arthrex Orthopedic Technology and Information Forum (Faculty)  
9/17 – 9/19/2015 Innovative Techniques: The Knee Course (CME Course Faculty)  
9/14 – 9/15/2015 Smith and Nephew Fellow’s Course (Faculty and Lab Instructor)  
9/13/2015 Certification Course for Collagen Meniscus Implantation (attendee)  
9/12/2015 AANA Patellofemoral Course (Cadaver Lab Instructor)  
5/6 – 8/2015 ICRS Cartilage Course (Cadaver Lab Instructor)  
12/8/2014 Arthrex: Complex Knee Reconstruction Course (Instructor)  
11/20 – 11/23/2014 AANA Master’s Cartilage Course (Instructor)  
11/6 – 11/8/2014 AANA Fall Course (Cadaver Lab Instructor, Committee Meeting)  
9/9/2014 Smith and Nephew Fellows Course (Instructor)  
2/28/2014 AANA Patellofemoral Course (Instructor)  
2/19/2014 Mizzou Sports Medicine Course. Naples, FL (Instructor)  
11/7/2013 Fall AANA (Cadaver Lab Instructor)  
Oct 2013 AANA Master’s Cartilage Course (Instructor)  
Oct 2013 Joint Preservation Symposium Featuring Subchondroplasty (Participant)  
Aug 2013 12<sup>th</sup> Annual South East Trauma Symposium (Invited Lecturer)  
Talks: Hip Arthroscopy, Anatomic ACL, Meniscus Repair  
4/12/2013 AANA Patellofemoral Course (Instructor)  
Dec 2012 AANA Junior Resident Course (Instructor)

11/9 – 11/10/2012	Fall AANA (Cadaver Lab Instructor)
10/5 – 10/6/2012	AANA Master's Cartilage Course (Instructor)
April 2012	AANA Master's Shoulder Course (Instructor)
March 2012	Current Advances in Orthopedic Sports Medicine and Trauma Naples, FL (Participant)
2/4/2012	Rush Hip Arthroscopy Course for Residents/Fellows (Invited instructor)
12/8/2011	Deputy Cadaver Training: CAIS vs. Microfrx Boston, MA
7/23/2011	Rush Shoulder Surgical Skills Course for Residents (Instructor) Chicago, IL
6/9 – 6/12/2011	AANA Junior Resident Shoulder and Knee Course (Instructor) Chicago, IL
4/23/2011	Rush Knee Surgical Skills Course for Residents (Instructor) Chicago, IL
3/16 – 3/20/2011	Smith and Nephew Hip Arthroscopy Course Vail, CO (Participant)
2/5/2011	Rush Hip Surgical Skills Course for Residents (Instructor) Chicago, IL
1/22/2011	Rush Shoulder Surgical Skills Course for Residents (Instructor) Chicago, IL
1/14 – 1/16/2011	Annual Articular Cartilage and Hip Arthroscopy Course for Fellows Carlsbad, CA (Participant)
11/19 – 11/20/2011	Tornier Shoulder Arthroplasty Course Dallas, TX (Participant)
10/23/2011	Rush Knee Surgical Skills Course for Residents (Instructor) Chicago, IL
9/12 – 9/14/2010	Smith and Nephew Fellow Course Andover, MA (Participant)
8/27 – 8/29/2010	AANA Master's Experience- Knee Cartilage Orthopaedic Learning Center, Rosemont, IL
2009	AO Foundation Basic Fracture Course Houston, TX (Participant)

### Local Teaching Lectures/Conferences/Workshops:

#### *Stanford*

1/13/2021	Resident Core Lecture: Knee Cartilage Restoration
1/11/2021	Monday Sports Conference: Arthroscopy/MRI correlation
10/20/20	Ortho Interest Group Virtual Q&A
11/10/2020	Tuesday Morning Sports Conference: Meniscus Transplantation
7/22/2020	Summer Core lab with residents
6/5/2020	Stanford ATC talk: PF Joint Preservation
6/4/2020	PM&R Resident Talk: Patellofemoral Instability
5/18/2020	Monday Sports Conference: Arthroscopy/MRI conference
3/25/2020	SMOC Physical Therapy Webinar: Cartilage Rehab
2/26/2020	Santa Clara Orthopedic Group keynote: PF Cartilage Restoration
1/8/2019	Host Stanford Sports Medicine Journal Club: Meniscus
11/19/2019	Tuesday Sports Conference: Tibial Tubercle Osteotomy
11/18/2019	Monday Sports Conference: 1 <sup>st</sup> time patella dislocation
10/23/2019	SMOC Physical Therapy In-service
10/15/2019	Department of Orthopedic Surgery Grand Rounds: PF Joint Preservation

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10/14/2019 Stanford University Medical Student Fair  
 8/14/2019 Sports Summer Core: MRI of the Knee  
 8/10/2019 Arthrex Complex Shoulder Lab Course with Fellow  
 8/8/2019 Arthrex Cadaver Lab with fellows – knee procedures  
 7/21/2019 AOSSM/ESSKA travelling fellows: Innovations in MAT

*University of Missouri*

6/28/2019 Sports Conference: MACI for Knee Cartilage Restoration  
 3/29/2019 PM&R Grand Rounds: Knee Rehabilitation and RTP  
 2/6/2019 Orthopedic Grand Rounds: Revision ACL reconstruction  
 1/9/2019 FNL team huddle and case presentations  
 12/21/2018 Sports Conference: Patella Instability  
 12/18/2018 Resident Talk: Meniscus Pathology  
 12/11/2018 Intern Research Talk: Clinical Research  
 11/28/2018 PT/ATC core curriculum: Knee and Shoulder Exam  
 11/12/2018 PT/ATC student lecture: patella dislocation  
 11/12/2018 Medical Student lecture: H&P  
 10/2018 Friday Night Lights Team Huddle with Residents  
 10/10/2018 Mi-Eye lab with resident  
 9/18/2018 PGY4-5 Lecture/Osteotomy  
 9/17/2018 M3 Lecture – Sports H&P  
 8/14/2018 PGY4-5 Lecture/Cartilage  
 8/13/2018 FNL Orientation Leader and Lecture  
 8/6/2018 Sports Physicals with Residents/ Fellows  
 6/26/2018 Ft. Leonard Wood Lecture: Knee cartilage  
 6/5/2018 MACI Cadaver lab with residents  
 5/4/2018 Sports Medicine Conference – Knee Cartilage  
 4/5/2018 Sports Medicine Update – PF surgery talk  
 3/30/2018 PM&R Grand Rounds – Knee Cartilage  
 3/27/2018 Junior Resident Bioskills Lab  
 3/21/2018 MOI Nursing Grand Rounds – Post-operative Knee Protocols  
 3/21/2018 MOI Grand Rounds – AOSSM Travelling Fellowship  
 3/14/2018 Combined Sports Med/Radiology Conference Case Presentation  
 2/19/2018 M3 Lecture- Shoulder H&P  
 2/17/2018 Faculty Retreat – Division Director Talk for Sports Medicine  
 2/13/2018 CRMC Grand Rounds – ACL Injury Treatment and Prevention  
 11/3/2017 Sports Conference Lecture – Anterior Shoulder Instability  
 10/17/2017 Resident Lecture- Meniscus 2<sup>nd</sup> /3<sup>rd</sup> Yr  
 10/16/2017 Medical Student Lecture – Sports medicine case presentations  
 9/19/2017 Resident Talk- meniscus transplant 4<sup>th</sup>/5<sup>th</sup>  
 7/10/2017 FNL Pre-season Orientation  
 (Lecture on Etiquette and Ortho Injury)  
 7/6/2017 Knee Cadaver Lab with fellow  
 6/24/2017 Columbia Rugby Club Banquet  
 5/10/2017 JBJS Sports Journal Club  
 5/5/2017 Sports Conference – RTP Following ACL Reconstruction  
 5/3/2017 Ortho Grand Rounds: Cell Based Cartilage Repair  
 5/3/2017 Frontiers Lecture for Residents – Sports Medicine  
 4/11/2017 PhD Defense – Farrah Monibi  
 4/11/2017 SLAP talk with residents  
 4/3/2017 Boone County Medical Alliance Lecture – Technology in Sports Medicine

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4/2017 MU Sports Medicine Update: Patellofemoral Lecture  
 3/29/17 MACI talk and lab with residents  
 12/4/2016 Athletic Training Student Lecture  
 11/2/2016 Resident Case Presentations  
 11/1/2016 Resident Curriculum Lecture 11/1/2016  
 10/5/2016 Resident Lecture: OITE review  
 6/21/2016 Intern Cadaver Session: Basic Knee Arthroscopy  
 5/1/2016 Trizou Opening Ceremony Speech  
 4/30/2016 Trizou Booth at MOI: "Meet the Doctor" session  
 4/27/2016 Resident Journal Club leader  
 4/4/2016 Orthopedic Interest Group Lecture: Common Sports Medicine Knee Injuries  
 4/4/2016 Orthopedic Interest Group Cadaver laboratory  
 3/22/2016 Resident Cadaver Laboratory: Meniscus and Osteochondral allograft  
 2/20/2016 Faculty Retreat Lecture: State of the sports medicine division  
 2/19/2016 Sports Conference Lecture: SLAP/Biceps  
 1/26/2016 Senior Resident Talk: TTO  
 1/26/2016 Resident Cadaver Lab: Shoulder  
 12/2/2015 Orthopedic Grand Rounds: Meniscus Preservation  
 11/11/2015 Orthopedic M&M Case Presentation  
 11/9/2015 Combined PT/ATC Conference: Ankle Instability  
 11/3/2015 Intern Talk: Clinical Studies  
 10/20/2015 Junior Resident Lecture: Meniscus  
 9/2015 Resident Cadaver lab: Knee  
 9/16/2015 OITE Review: Sports Medicine  
 8/26/2015 Resident Journal Club  
 8/19/2015 OITE Review: Sports Medicine  
 8/17/2015 Friday Night Lights Pre-Season Orientation (Coordinator and Station Head)  
 7/28/2015 ATC Class Lecture: Shoulder Instability  
 5/13/2015 Resident Lecture: Patellofemoral Case Reports  
 5/12/2015 Resident Lecture: Patellofemoral Journal Club  
 4/28/2015 Resident Cadaver Lab: Knee OCA and Meniscus  
 4/23/2015 Medical Student Mentorship Meeting – Heidelberg Restaurant  
 4/14/2015 Pre-Medical Society Lecture: Intro to Sports Medicine  
 4/13/2015 Medical Student Ortho Interest Group Lecture – Patellofemoral Instability  
 4/13/2015 Medical Student Ortho Interest Group Cadaver Lab Instructor – Patellofemoral Joint  
 3/20/2015 Sports Conference Lecture: Achilles Tendon Issues in the Athlete  
 3/11/2015 Tornier Resident Forum; Logboat Restaurant  
 3/11/2015 Knowledge Now Lecture Series: Youth Injury Prevention  
 2/11/2015 GA Teaching Session: Shoulder Case Presentations  
 1/27/2015 Resident Cadaver Lab: Shoulder  
 1/21/2015 MUlti Event: Medical Student Mentorship meeting  
 10/31/2014 PM&R Grand Rounds: Ankle Instability in the Athlete  
 10/23/2014 GA Teaching Session: Shoulder X-ray/MRI Evaluation  
 10/7/2014 Resident OITE review: Sports Medicine  
 9/23/2014 Resident Cadaver Lab: ACL and Knee Arthroscopy  
 9/2014 Intern Research Symposium: Design of Clinical Studies  
 8/2014 Friday Night Lights Pre-Season Seminar (Coordinator and Station Head)  
 8/9/2014 Physical Therapy Teaching Session  
 8/6/2014 ACL Injury Prevention Talk – Columbia Speed Academy  
 8/4/2014 Arthrex Cadaver Lab – Unicompartement Arthroplasty with Resident  
 7/23/2014 Sports Medicine Combine/Sports Physicals

6/24/2014 PGY-3 Basic Knee Arthroscopy Cadaver Lab  
 6/2/2014 Cadaver Lab with Residents – Treatment of Talus Osteochondral Lesions  
 5/28/2014 Resident Mock Oral Boards Preceptor  
 5/21/2014 Resident Talk: Sports Knee #2  
 5/6/2014 Resident Talk: Sports Knee #1  
 4/30/2014 Resident Mock Oral Boards Preceptor  
 4/26/2014 Sports Medicine Combine/Sports Physicals  
 4/24/2014 GA Teaching Session: Knee Radiographs  
 2/12/2014 Arthrex Cadaver Lab with Resident – Elbow Arthroscopy  
 2/11/2014 GA Teaching Session: Shoulder Physical Exam  
 2/10/2014 Medical Student Orthopedic Interest Group – Shoulder Lecture  
 2/10/2014 Medical Student Orthopedic Interest Group – Shoulder Cadaver Session  
 12/11/2013 Resident Lecture “From Training to Practice”  
 11/04/2013 Arthrex Laboratory – Naples FL; Meniscal Transplantation  
 10/15/2013 Resident Lecture: OITE Sports Medicine Review  
 8/27/2013 Safe Kids Worldwide: Lecture to CYFL coaches on “Overuse Injuries”  
 8/12/2013 Friday Night Lights Pre-Season Seminar (Coordinator and Station Head)  
 6/11/2013 “Hamstring Injuries” Resident Lecture Series  
 4/9/2013 Arthrex Laboratory with Resident: Knee Posterolateral Corner  
 4/9/2013 Arthrex Laboratory with Resident: Talus Osteochondral Allograft/MM osteotomy  
 3/13/2013 Arthrex Laboratory with Resident: OCA/MM transplant  
 3/2013 Tornier Laboratory with Resident: Total Shoulder Arthroplasty  
 3/2013 Athletic Trainer Graduate Assistant Lecture Series “Hamstring Injuries”  
 3/9/2013 Audrain Health Center Women’s Health Conference “Sports Doc Q&A”  
 3/4/2013 Tornier Laboratory with Resident – Total Shoulder Arthroplasty  
 2/18/2013 Physical Therapy/Athletic Trainer Quarterly Meeting  
 “Return to Play Criteria Following Shoulder Injury”  
 2/13/2013 Orthopedic Interest Group Lecture /Cadaver Workshop  
 ACL Injuries / Applied Surgical Knee Anatomy  
 2/8/2013 PM&R Grand Round “Hip Pain in Athletes”  
 2/5/2013 WIN for Columbia Women in Sport Awards Luncheon  
 1/25/2013 Sports Medicine MOI/COG Grand Rounds “Hamstring Injuries”  
 12/12/2012 Resident Lecture Series “Meniscus Talk”  
 12/5/2012 Resident Lecture Series “Cruciate Ligament Injuries”  
 12/5/2012 Athletic Trainer Graduate Assistant Lecture Series “Cruciate Ligament Injuries”  
 11/3/2012 2012 Fall MSRT 3<sup>rd</sup> District Conference  
 “Clinical Examination and Imaging Studies of Common Sports Disorders”  
 11/2012 Athletic Trainer Graduate Assistant Lecture Series  
 “Meniscal/Collateral Ligament Injuries”  
 10/31/2012 Arthrex Laboratory with Residents – Distal Femoral Osteotomy  
 10/29/2012 Physical Therapy Quarterly Meeting “ACL reconstruction: RTP Criteria”  
 10/23/2012 Arthrex Cadaver Laboratory with Resident – GraftLink ACL/ Arthroscopic PCL  
 10/22/2012 Arthrex Cadaver Laboratory – HTO/iBalance Unicdylar Replacement  
 10/1/2012 Tornier Cadaver Laboratory with Resident – Total Shoulder Arthroplasty  
 8/22/2012 Friday Night Lights Team “Doc” Seminar (2 talks and coordinator)  
 5/14/2012 Smith and Nephew hip lab – Columbia, MO  
 4/12/2012 Smiley Lane Clinic Lecture to Family Medicine: CAIS procedure  
 4/10/12 Resident Lecture: *Shoulder /Elbow Conditions in the Athlete*  
 4/3/2012 Hosted Visiting Professor Dr. Bugbee. Case Presentations with residents  
 3/22/2012 Undergraduate Lecture: Rex Sharp Advanced Athletic Training  
*Diagnosis of Common Shoulder Conditions /Anterior Shoulder Instability*  
 2/29/2012 Arthrex Shoulder Cadaver Lab w/ Resident (Latarjet, SSN release)

1/18/2012 MUlation Medical Student Event  
 12/13/2011 *Clinical Evaluation of Common Shoulder Disorders*  
 Family Practice Resident Lecture Series.  
 10/24/2011 *Shoulder Cadaver Workshop with Medical Students*  
 Mizzou Medical Student Orthopedic Interest Group  
 10/2011-11/2011 Tornier Shoulder Cadaver Lab with resident  
 Smith and Nephew Knee Cadaver Lab with athletic trainer  
 Arthrex Shoulder Cadaver Lab with resident  
 Arthrex Knee Cadaver Lab – St. Louis, MO  
 9/7/2011 “Articular Cartilage”  
 Hosted Orthopedic Resident Journal Club and Case Presentations  
 with Guest Speaker Dr. Cole

Rush University:

4/27/2011 *Hip arthroscopy Rehabilitation*. Physical Therapy interactive session  
 4/25/2011 *Meniscal Injury and Treatment*. Resident Journal Club Leader  
 4/7-4/8/2011 *Shoulder, Hip, Knee Anatomy and Cadaver Course*. Arthrex Beginner  
 Sales Representative Course  
 2/23/2011 *Use of Modalities for Non-operative Management of Sprains/Strains*.  
 Interactive Physical Therapy Teaching Session  
 1/31/2011 *Anterior Shoulder Instability*. Rush Journal Club Presentation  
 1/24/2011 *Knee Anatomy and Radiology*. Resident Lecture  
 1/20/2011 *Arthroscopic Knot Tying and Dry Shoulder Lab*. Resident Teaching  
 1/12/2011 *Shoulder Instability*. Interactive Physical Therapy Teaching Session  
 12/17/2010 *ACL prehab and rehab*. Interactive Physical Therapy Teaching Session  
 12/12/2010 *ACI vs MFX*. Resident Teaching Journal Club Presentation  
 11/15/2010 *SAD/RCR*. Interactive Physical Therapy Teaching Session  
 11/11/2010 *Arthroscopic Knot Tying Seminar*. Resident Teaching  
 11/2/2010 *ABOS Sports Review Talk*. Resident Teaching  
 11/1/2010 *OITE review*. Rush Resident Lecture Series  
 10/20/2010 *Clavicle Fractures and AC Joint Injuries*. Rush Primary Care Sports Conference  
 9/22/2010 *Rush Journal Club*

Hospital for Special Surgery:

2010 *Haiti Relief Effort Presentation (collaboration with OTS trauma fellow)*  
 4/12/2010 *Both Bone Forearm Fractures*. OTS Trauma Core conference.  
 11/19/2009 *Outcomes for Flexor Pronator Debridement and Ulnar Neuritis in the throwing*  
*athlete*. Sports Core Conference.  
 11/19/2009 *Surgical outcomes in the throwing athlete*. Sports Core Conference.  
 10/29/2009 *Role of Open Surgery for Femoroacetabular impingement*. Sports Core Conference.  
 10/22/2009 *ACL Reconstruction Techniques in Children*. Sports Core conference.  
 10/16/2009 *M & M Conference Case presentation*.  
 10/19/2009 *Back Pain in Children*. Pediatrics Core Conference.  
 10/13/2009 *CAP conference patient presentation*. SAS Core Conference.  
 8/10/2009 *Overview of Knee Anatomy and Radiology*. Anatomy Core Conference  
 4/23/2009 *Cervical Spondylosis*. Spine Core Conference.  
 3/25/2009 *OTS Conference Case Presentations*. OTS Core Conference  
 3/23/2009 *Talus and Midfoot Fracture/Dislocations*. OTS Trauma Core Conference.  
 2/23/2009 *Ankle Fractures*. Trauma Core Conference  
 2/12/2009 *Case Presentation*. Hand Service Core Conference.

10/16/2008

*Failure of ACL reconstructions: Associated Ligamentous Instability and its effect on ACL graft integrity. Sports Core Conference.*

9/18/2008

*Sensitivity and Specificity of Physical Examination Findings for the Rotator Cuff.*

Sports Core Conference  
9/25/2008 *Should you always perform acromioplasty with rotator cuff repair?* Sports Core Conference.  
9/11/2008 *Femoral/ Tibial Footprints of the ACL: Effect on ACL graft mechanics.* Sports Core Conference  
5/15/2008 *Viscosupplementation for the treatment of knee OA.* Sports Core Conference.  
2006 *Effect of Common Antibiotics on Fracture Healing.* Metabolic Bone Service Core Conference.  
8/29/2007 *Back Pain in Children.* Pediatrics Core Conference.  
11/16/2006 *OTS Conference Case Presentations.* OTS Core Conference.  
10/26/2006 *OTS Conference Case Presentations.* OTS Core Conference.  
2006 *Hip Anatomy Dissection:* HSS Core Conference Curriculum