

## Curriculum Vitae

Seth L. Sherman, M.D.  
Associate Professor with Tenure  
Co-Division Director of Sports Medicine  
Department of Orthopedic Surgery  
Missouri Orthopedic Institute  
University of Missouri Healthcare  
[shermanse@health.missouri.edu](mailto:shermanse@health.missouri.edu)  
[www.mizzousportsdoc.com](http://www.mizzousportsdoc.com)

### Education

Weill Cornell Medical College	M.D.	2001-2005
University of Pennsylvania	B.A.	1997-2001
	Major: Biologic Basis of Behavior	

### Post Graduate Education and Training

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

### Medical Licensure/Board Certification

Sports Medicine CAQ	2016	Active
ABOS Board Certification	2013	Active
Missouri	2011	Active
Illinois	2010	Inactive
New York	2006	Inactive

### Professional Society Membership:

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
Missouri State Medical Association	Member	2013-present
International ACL Study Group	Member	2012- present
ISAKOS	Member	2012-present
American Orthopaedic Society for Sport Medicine	Member	2011-present
Arthroscopy Association of North America	Member	2011-present
American Medical Association	Member	2011-present

Hospital for Special Surgery Alumni Association	Class 2011 Representative	2011-present
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

## Honors and Awards

AOSSM/SLARD Travelling Fellowship Participant		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” 2017		2016-2017
<ul style="list-style-type: none"> <li><i>As voted by peer review</i></li> </ul>		
MU Top Faculty Achiever Award Recognition Ceremony		4/2017
Orthopedics This Week “The 16 Standout North American Sports Knee Surgeons”		2016
<ul style="list-style-type: none"> <li>9/13/2016</li> </ul>		
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., Sherman SL. Nonligamentous Soft Tissue Pathology about the Knee: A Review. Orthopedics. 2015:1-11</i></li> </ul>		
Inside Columbia Magazine “Our Favorite Doctors” 2016		2015-2016
<ul style="list-style-type: none"> <li><i>As voted by the readership</i></li> </ul>		
Inside Columbia Magazine “Our Favorite Doctors” 2015		2014-2015
<ul style="list-style-type: none"> <li><i>As voted by the readership</i></li> </ul>		
Top 5 Faculty Teaching (Based on Resident Evaluations)		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 Pennsylvania	2001
Benjamin Franklin Scholar/General Honors	University of Pennsylvania	1997-2001
Valedictorian	Susan E. Wagner H.S.	1997

## Sports Coverage Experience

Mizzou Tigers Baseball	Head Team Physician	NCAA	2015-Present
Mizzou Tigers Basketball	Team Physician	NCAA	2011-Present
Mizzou Tigers Football	Assistant Team Physician	NCAA	2015-Present
Columbia Club Rugby	Consultant	N/A	2014-Present
Central Methodist University	Consultant	NCAA	2013-Present
Missouri Valley College	Consultant	NAIA	2013-Present
Mizzou Club Athletics	Team Physician	N/A	2013-Present
Missouri Contemporary Ballet	Head Team Physician	N/A	2012-Present
Mizzou Sports Medicine Training Room	Staff Physician	NCAA	2011-Present
Missouri High School Football	Supervising Physician	MSHSAA	2011-Present
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

## Administrative Service

AAOS Sports Medicine/Arthroscopy	Committee Chair	2017-2020
ISAKOS Sports/Knee Preservation	ISAKOS Committee member	2017-Present
ISMF Fellows Conference	Program Chair	2017-Present
PF Foundation Online Training Modules	Committee member	2017-Present
ICRS 'Next Gen' Committee	Deputy Co-Chair	2016-present
AOSSM Publications Committee	AOSSM Committee member	2016-Present
ABOS FAST Modules (Arthroscopy Curriculum)	Module co-author/editor	2015-Present
ACL Study Group Membership Committee	ACL Study Group	2014-Present
AANA Healthy Policy Committee	AANA Committee Member	2014-Present
Medical Director for Continuing Education	University of Missouri ATC Program	2014-Present
Sports Fellowship Core Competency Committee	University of Missouri	2014-Present
Faculty Search Committees (Recruitment)	PMR/Orthopedic/ATC	2014-Present
Multicenter ACL Return to Play Taskforce	Coordinator	2014-Present
University of Missouri ACL Study Group	Member	2014-Present
University of Missouri Orthopedic Association	Past President / Member	2013-Present
Mizzou Sports Med Combine/Physicals	MD /Committee	2013-Present
WIN for Columbia	Board Member	2013-Present
Alumni Class Representative	Hospital for Special Surgery	2011-Present
Residency Clinical Competency Committee	University of Missouri	2012-Present
Sports Fellowship Program Faculty Interviewer	University of Missouri	2012-Present
Show-Me State Games	Volunteer/Co-Medical Director	2012-Present
Residency Program Faculty Interviewer	University of Missouri	2011-Present

MOI Expansion OR Planning Committee	Member	2015-2016
ICD-10 Committee /Orthopedic Liaison	University of Missouri	2014-2015
AOSSM Orthopedic Knowledge Online (OKO)	AOSSM Committee member	2012-2015
Haiti Relief Task Force	Hospital for Special Surgery	2010
AAOS Resident Liaison	Hospital for Special Surgery	2008-2009
Inpatient Service Line Committee	Hospital for Special Surgery	2006-2010
Medical Student Executive Council	Weill Cornell Medical College	2004

## Mentorship

Assigned Mentor for Junior Faculty/Sports Fellow	University of Missouri	2013-Present
ACE Preceptor (Ambulatory Clinical Experience)	University of Missouri	2012-Present
M1 Advice, Support, and Career Counseling (ASC) program	University of Missouri	2012-Present
M3/4 Clinical Advisor Program	University of Missouri	2012-Present
Summer Research Fellowship Preceptor	University of Missouri	2012-Present
“Friday Night Lights” Free Clinic	Physician	2011-Present
Coulter College Faculty Mentor	University of Missouri-Bioengineering	2014-2015
Doctoral Program Committee- Farrah Monibi	University of Missouri	2013-2017
Mentor for International Visiting Surgeons	University of Missouri	9/2012, 1/2013, 10/2014, 9/2017

## Consulting

Conmed International Knee Design Team	Member	2017-Present
Moximed (Atlas)	Consultant	2017-Present
Vericel (MACI)	Clinician Advisory Board	2015-Present
Ceterix	Consultant	2017-Present
OBERD	Unpaid Consultant	2014-Present
RTI	Consultant	2014-Present
Arthrex	Consultant	2014-Present
Neotis High Tibial Osteotomy Implant	Clinical Advisory Board	2014-2016

## Non-Medical Service

University of Missouri Columns Society	Member	2015-Present
Tiger Scholarship Fund	Donor	2015-Present
Rainbow House Charity	King/Queen Candidate	2014-2015
Trout Unlimited	Member	2011-Present

Unity for Haiti Foundation	Co-founder	2010
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*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.*

Unity Games	Medical Volunteer/ Coach	2003-Present
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*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)

Casting for Recovery <i>Non-profit organization that unites breast cancer survivors during weekend fly fishing retreats around the country</i>	Fly fishing guide/social counselor	2000-2010
AIDS Teaching Program	Weill Cornell Medical College	2002-2003
Zeta Beta Tau Fraternity	University of Pennsylvania	1998-2001

## **Research Support**

### **Previous Awards**

Coulter Foundation	S. Grant, S. Sherman (Co-PI)	07/01/16 – 06/30/17
Title: Injectable Biomaterial to Mitigate Articular Cartilage Degradation after Trauma or Surgery		
Role: Medical Principal Investigator		\$16,550
Nutramax Lab Inc.	Cook JL (PI)	01/01/14 – 02/11/17
Title: 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, Avocado/Soybean Unsaponifiables (ASU), and AKBA		
Role: Co-Investigator		\$100,980
Zimmer	Cook JL (PI)	12/01/13 – 02/11/17
Assessment of an impact model for subchondroplasty treatment in dogs.		
Role: Co-Investigator		\$262,373
MOI Faculty Seed Grant	Sherman SL (PI)	10/01/14 – 9/30/16
Title: Correlating motion analysis systems and clinical testing to establish an appropriate return to sport protocol following ACL reconstruction in athletes.		
Role: Principle Investigator		\$9,700
Coulter Foundation	S. Grant, S. Sherman (Co-PI)	07/01/12 – 06/30/16
Title: Nanografts for Soft Tissue Repair		
Role: Medical Principal Investigator		\$249,175
Arthrex, Inc.	Stannard JP (PI)	05/08/14 – 05/02/16
Title: Comparison of BioCartilage versus marrow stimulating procedure for cartilage defects of the knee.		
Role: Co-Investigator		\$102,690
Arthrex, Inc.	Stannard JP (PI)	05/20/14 – 12/31/15
Title: Effects of harvest site on bone marrow concentrate.		
Role: Co-Investigator		\$50,000
Mizzou Advantage	Gray AD (PI)	05/21/14 – 08/31/15
Title: Preventing anterior cruciate ligament (ACL) tears in female youth athletes with video game technology.		
Role: Co-Investigator		\$49,969
RTI Surgical	Pfeiffer FM (PI)	09/01/14 – 08/31/15

Title: Comparison of Surface Curvature Characteristics of Donor Human Lateral Femoral Condyles  
 Consideration of Transplantation to Recipient Medial Femoral Condyle.  
 Role: Co-Investigator \$19,188

Arthrex, Inc. Sherman SL (PI) 03/01/13 – 08/01/13  
 Title: Transosseous Tunnel vs. Suture Anchor Repair for Extensor Mechanism Injuries: a biomechanical cadav  
 study.  
 Role: Principal Investigator \$5,000P

Zeta Award Monibi FA (PI)  
 Title: *In Vitro* Evaluation of a Decellularized Canine Meniscal Scaffold for Biological Augmentation of Meni  
 Fibrocartilage Regeneration  
 Role: Co-Investigator \$1,000

Hospital for Special Surgery Sherman SL (PI) 03/01/09 – 02/28/10  
 Dr. Thomas Wickiewicz Sports Medicine Grant  
 Title: Biomechanical analysis of combined intra-articular and extra-articular ACL reconstructions in a cadaveric  
 model using computer navigation.  
 Role: Principal Investigator \$10,000

#### Current Awards

NuTech Sherman SL (PI) 03/01/16 – 02/28/19  
 Title: An Investigation of ReNu Knee Injection: Monitoring the Response of Knee Function and Pain in Pati  
 with Osteoarthritis  
 Role: Medical Principal Investigator \$109,716  
*No overlap with current proposal.*

Zimmer Cook JL (PI) 11/01/15 – 10/31/17  
 Title: Assessment of Enhanced Subchondroplasty Treatment for Post-Traumatic Osteoarthritis in a Canine Model  
 Role: Co-Investigator \$335,402  
*No overlap with current proposal.*

#### Pending Awards

U.S. Department of Defense Ulery B & Grant S (Co-PIs) 07/01/17 – 12/31/18  
 Title: Immunomodulatory NanoGold Gel for the Prevention of PTOA Progression  
 Role: Co-Investigator \$2,325,000  
*This is the current proposal.*

U.S. Department of Defense Ulery B (PI) 07/01/17 – 12/31/18  
 Title: Single-Dose Injectable for PTOA Inflammation and Pain Management  
 Role: Co-Investigator \$294,616  
*This is the current proposal.*

National Institute of Health Yao G (PI) 06/01/2018 - 05/31/2021  
 Title: Nondestructive Morphometric Mapping of 3D Subsurface Collagen Structure in Articular Cartilage

Role: Co-Investigator \$1,125,718.00  
*This is the current proposal.*

National Institute of Health GuessT (PI) 04/01/2018 - 03/31/2022

Title: Anterior cruciate ligament rupture, how can we prevent what we don't understand?

Role: Co-Investigator \$1,555,081.00

*This is the current proposal.*

Active IRB Approved Clinical Studies

Primary Investigator (PI) or Co-PI:

- Justifying Patellar Instability Treatment by Early Results (JUPITER)
- Patellofemoral instability risk factors in the pediatric population
- Correlating motion analysis systems and clinical testing to establish an appropriate return to sport protocol following ACL reconstruction in athletes
- Screening high school athletes risk for anterior cruciate ligament injury using portable motion sensor device
- Mapping the Outcomes: A Retrospective Data Analysis of Our Return to Sport Protocol in Athletes who have undergone Ligamentous Reconstruction.
- A Novel Method for Measuring a Quantitative Pivot Shift in Patients with ACL Injury
- Effect of autograft anterior cruciate ligament (ACL) reconstruction on patellar height
- Moderated Blood Flow Restriction after Anterior Cruciate Ligament Reconstruction
- An investigation of ReNu knee injection: Monitoring the response of knee function and pain in patients with osteoarthritis
- Ultrasound Evaluation of Meniscal Transplantation (MAT)
- Comparing PROMIS Scores and Classic Outcome Scores for Knee and Shoulder Disease
- A Comparison of Open vs Mini Surgical Repair for Achilles Tendon Ruptures

Editorial Board/Invited Reviewer

OJSM (Reviewer)	2016-Present
JBJS Case Connector (Reviewer)	2015-Present
Cartilage (Reviewer)	2015-Present
The Knee (Reviewer)	2015-Present
Journal of Orthopedic Research (Reviewer)	2014-Present
KSSTA (Reviewer)	2014-Present
American Journal of Orthopedics (Editorial Board)	2013-Present
University of Missouri Research Board (Reviewer)	2013-Present
Current Orthopedic Practice (Reviewer)	2013-Present
Journal of Knee Surgery (Reviewer)	2012- 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
Clinical Orthopedic and Related Research (Reviewer)	2009-2010
Hospital for Special Surgery Journal (Reviewer)	2009-2010

## Book Chapters:

Stannard JP, Sherman SL, Cook JL. *Soft Tissue Injuries About the Knee*. OKU 12.

Pomajzl R, Sherman SL, Kfuri M, Stannard JP. *PCL Inlay/Onlay Surgical Techniques*.

Ligamentous Injuries of the Knee. Co-Editors: Randy Mascarenhas MD FRCSC, Sanjeev Bhatia MD, Walter Lov MD Nova Publishing

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

Sherman SL, 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.

Sherman SL, 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. Elsevier.

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

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

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

Sherman SL, 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, Sherman SL, Provencher MT, Cole BJ. Pearls for Anatomic Glenoid Reconstruction Using Distal Tibial Allograft. Video Atlas of Shoulder Surgery 2013. Editor McCann.

Chalmers P, Sherman SL. 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

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

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

Ghodadra, Sherman SL, 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

Sherman SL, 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.



Ellman MB, Rosenthal MD, Van Thiel G, Sherman SL, Provencher MT. *Rehabilitation for Revision Anterior Cruciate Ligament Reconstruction*. Current Concepts in Evaluation, Examination, and Rehabilitation of the Knee Manske R, ed. 2011.

Sherman SL, Raphael B, Rodeo SA. *Meniscus Injury*. Musculoskeletal Examination of the Hip and Knee: Making the Complex Simple. Ranawat A, Kelly B, eds. SLACK inc. 2011

Raphael B, Kelly A, Sherman SL, Craig E. *Open Distal Clavicle Excision*. Operative Techniques: Shoulder and Elbow Surgery. Lee D, Neviaser R, eds. Saunders 2011.

Kepler CK, Nho SJ, Sherman SL, MacGillivray JD. *Superior Labral Tear Repair and Debridement*. Operative Techniques - Sports Medicine Surgery. Reider B, Terry M, Provencher M, eds. Elsevier Inc. 2010

Sherman SL, Marx RG. *Calcific Tendinitis*. Orthopedic Knowledge Update: Shoulder and Elbow 3. AAOS 2008

## Peer Reviewed Manuscripts:

### Published:

Berkay Unal, MD Betina B. Hinckel, MD, PhD Seth L. Sherman, MD Christian Lattermann, MD Comparison of Lateral Retinaculum Release and Lengthening in the Treatment of Patellofemoral Disorders  
*Am J Orthop*. 2017 September;46(5):224-228

Raines BT, Naclerio E, Sherman SL. Management of Anterior Cruciate Ligament Injury? : What's In and What's Out? *Indian J Orthop*. 2017 Sep-Oct;51(5):563-575.

Sarah E. Smith, Colten L. Snider, David R. Gilley, Daniel N. Grant, Seth L. Sherman, Bret D. Ulery, David A. Grant, Sheila A. Grant. Homogenized Porcine Extracellular Matrix Derived Injectable Tissue Construct with Gold Nanoparticles for Musculoskeletal Tissue Engineering Applications. *Journal of Biomaterials and Nanobiotechnology*, 2017, 8, 125-143

Willis BW, Razu S, Baggett K, Jahandar A, Gray AD, Skubic M, Sherman SL, Blecha K, Guess TM. Sex Differences in Frontal and Transverse Plane Hip and Knee Kinematics during the Modified Start Excursion Balar Test.” *Human Movement*. Sept (3) 2017. doi: 10.1515/humo-2017-0028

Aaron D. Gray, MD, Brad W. Willis, MPT, Marjorie Skubic, PhD, Zhiyu Huo, PhD, Swithin Razu, MS, Seth L. Sherman, MD, and Trent M. Guess, PhD. Development and Validation of a Portable and Inexpensive Tool to Measure the Drop Vertical Jump Using the Microsoft Kinect V2. Epub 2017 Aug28

Sherman SL, Thyssen E, Nuelle CW. Osteochondral Autologous Transplantation.  
*Clin Sports Med*. 2017 Jul;36(3):489-500. doi: 10.1016/j.csm.2017.02.006. Epub 2017 Apr 26. Review.

Capito NM, Cook JL, Yahuaca B, Capito MD, Sherman SL, Smith MJ. Safety and efficacy of hyperosmolar irrigation solution in shoulder arthroscopy. *J Shoulder Elbow Surg*. 2017 May;26(5):745-751. doi: 10.1016/j.jse.2017.02.021. Epub 2017 Mar 18.

Grant SA, Smith SE, Schmidt H, Pfeiffer F, Kuroki K, Sherman S, White R, Grant DA. "In vivo bone tunnel evaluation of nanoparticle-grafts using an ACL reconstruction rabbit model". J Biomed Mater Res A. 2017 Apr;105(4):1071-1082. DOI 10.1002/jbm.a.36000.

Sherman SL et.al. In vitro Toxicity of Local Anesthetics and Cortisone Derivatives on Explant Supraspinatus Tenocytes. Journal of Orthopaedic Translation 2017

Monibi FA, Bozynski CC, Kuroki K, Stoker AM, Pfeiffer FM, Sherman SL, Cook JL. "Development of a Micronized Meniscus Extracellular Matrix Scaffold for Potential Augmentation of Meniscal Repair and Regeneration". Tissue Eng Part C Methods. 2016 Dec;22(12): 1059-1070. DOI: 10.1089/ten.TEC.2016.0276

Capito NM, Owens BD, Sherman SL, Smith MJ. "Osteochondral Allografts in Shoulder Surgical Procedures". JBJS Rev. 2016 Nov 15;4(11). DOI: 10.2106/JBJS.RVW.16.0001.

Sherman SL. Editorial Commentary: Is It Time for Surgeons to "Take Back the Block"? Do-It-Yourself Suprascapular Nerve Blocks for Arthroscopic Rotator Cuff Repair. Arthroscopy. 2016 Nov;32(11):2210-2211. Doi:10.1016/j.arthro.2016.06.031

Arshi A, Siesener NJ, McAllister DR, Williams RJ 3rd, Sherman SL, Jones KJ. The 50 Most Cited Articles in Orthopedic Cartilage Surgery. Cartilage. 2016 Jul;7(3):238-47.

Sherman SL, Copeland ME, Milles JL, Flood DA, Pfeiffer FM. Biomechanical Evaluation of Suture Anchor Versus Transosseous Tunnel Quadriceps Tendon Repair Techniques. Arthroscopy. 2016 Jun;32(6):1117-24

Erickson BJ, Cvetanovich G, Waliullah K, Khair M, Smith P, Bach B Jr, Sherman S. Two-Stage Revision Anterior Cruciate Ligament Reconstruction. Orthopedics. 2016 May 1;39(3):e456-64

Poma C, Sherman SL, Spence B, Brenner LH, Bal BS. Rethinking the Standard of Care in Treating Professional Athletes. Clin Sports Med. 2016 Apr;35(2):269-74

Erickson BJ, Campbell K, Cvetanovich GL, Harris JD, Bach BR Jr, Sherman SL. Nonligamentous Soft Tissue Pathology About the Knee: A Review. Orthopedics. 2016 Jan 1;39(1):32-42.

Sherman SL, Vetter J, Nuelle C. Clinical Vignette with Cover Photo/Video. Arthroscopy. 2015 Nov.

Sherman SL, Khazai RS, James CH, Stoker AM, Flood DL, Cook JL. In Vitro Toxicity of Local Anesthetics and Corticosteroids on Chondrocyte and Synovocyte Viability and Metabolism. Cartilage. 2015 Oct;6(4):233-40.

Ellman MB, Sherman SL, Forsythe B, LaPrade RF, Cole BJ, Bach BR Jr. Return to Play Following Anterior Cruciate Ligament Reconstruction. J Am Acad Orthop Surg. 2015 May;23(5):283-296. Review.

Brimmo OA, Pfeiffer F, Bozynski CC, Kuroki K, Cook C, Stoker A, Sherman SL, Monibi F, Cook JL. Development of a Novel Canine Model for Posttraumatic Osteoarthritis of the Knee.

J Knee Surg. 2015 Apr 18.

Sherman SL, James C, Stoker AM, Cook CR, Khazai RS, Flood DL, Cook JL. In Vivo Toxicity of Local Anesthetics and Corticosteroids on Chondrocyte and Synovocyte Viability and Metabolism. *Cartilage*. 2015 Apr;6(2):106-12

Scott DJ, Sherman SL, Dhawan A, Cole BJ, Bach BR, Jr, Mather RC 3<sup>rd</sup>. Quantifying the Economic Impact of Provider Volume Through Adverse Events: The Case of Sports Medicine. *Orthop J Sports Med*. 2015;3(3):2325967115574476

Epstein DM, Black BS, Sherman SL.  
Anterior ankle arthroscopy: indications, pitfalls, and complications.  
*Foot Ankle Clin*. 2015 Mar;20(1):41-57. doi: 10.1016/j.fcl.2014.10.001.

Ma R, Smith PA, Smith MJ, Sherman SL, Flood D, Li X.  
Managing and recognizing complications after treatment of acromioclavicular joint repair or reconstruction.  
*Curr Rev Musculoskelet Med*. 2015 Mar;8(1):75-82.

Farr J, Mathew LM, Stoker AM, Sherman SL, Cook JL.  
Effects on exposed articular cartilage during open surgical procedures: a comparison of various fluids in an animal model. *Arthroscopy*. 2015 Jan;31(1):113-7.

Bodendorfer BM, Cole EF, Carstens SJ, Sherman SL, Katta N. Drug Reaction with Eosinophilia and Systemic Symptoms Associated with a Vancomycin-Impregnated Spacer. *Journal of Knee Surgery Reports*. 2015 [online]

Milles JL, Gallizzi MA, Sherman SL, Smith PA, Choma TJ. Does a Syring Matter for Return to Play in Contact Sports? A Case Report and Evidence-Based Review of Return-to-Play Criteria After Transient Quadriplegia. *Sports Health*. 2014 Sep;6(5):440-5.

Sherman SL, Plackis A, Nuelle C. Patellofemoral Anatomy and Biomechanics. *Clinics in Sports Medicine* 2014;33(3):389-401.

Farr J, Jagers R, Lewis H, Plackis A, Sim SB, Sherman SL. Evidence-based approach of treatment options for postoperative knee pain. *Phys Sportsmed*. 2014 May;42(2):58-70.

Cook JL, Hung CT, Kuroki K, Stoker AM, Cook CR, Pfeiffer FM, Sherman SL, Stannard JP.  
Animal models of cartilage repair. *Bone Joint Res*. 2014 Apr 2;3(4):89-94

Sherman SL, Garrity J, Bauer K, Cook J, Stannard J, Bugbee W.  
Fresh osteochondral allograft transplantation for the knee: current concepts.  
*J Am Acad Orthop Surg*. 2014 Feb;22(2):121-33

Chalmers PN, Mall NA, Moric M, Sherman SL, Paletta GP, Cole BJ, Bach BR Jr.  
Does ACL reconstruction alter natural history?: A systematic literature review of long-term outcomes.  
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*In Press/Accepted for Publication:*

Arthroscopy Editorial Commentary: “Knot” Less Transosseous RCR

Distal Femoral Osteotomy: Indications, Techniques, Outcomes (Accepted, JAAOS)

Patellofemoral Instability. DeLee & Drez's Orthopaedic Sports Medicine: Principles and Practice. Elsevier. (invited chapter in review)

Youth Baseball Pitching Mechanics: A Systematic Review (Accepted Sports Health)

Articular Cartilage Debridement. Cartilage Restoration: Practical Clinical Applications, 2nd edition edited by Drs Farr & Gomoll Springer Science + Business Media (invited chapter accepted)

Patella Proximal Realignment- Lateral Retinacular Lengthening. *Knee Surgery: Tricks of the Trade*. Thieme Medical Publishers. (Hinckel)

Post-menisectomy syndrome. *Joint Preservation of the Knee - A Clinical Casebook*. (Gulbrandson, Friedman)

Combined ACL and Medial Meniscus Allograft Transplantation. *Joint Preservation of the Knee - A Clinical Casebook* (Gulbrandson, Friedman)

In submission/revision

Journal of Knee Surgery: *Special Section Forward* on Patellofemoral Cartilage Restoration (submitted)

Mooberg, Freeman et.al. Suture Anchor vs. Transosseous Patella Tendon Repair: A Biomechanical Investigation (Submitted Journal of Knee Surgery)

Brimmo et.al. Subchondroplasty pre-clinical 2 year results. (Submitted Journal of Orthopedic Research)

Charles A. Baumann, Eli L. Pratte, Seth L. Sherman, MD Elizabeth A. Arendt, MD Betina B. Hinckel, MD Reconstruction of the Medial Patellotibial Ligament: A Systematic Review of Clinical Outcomes (submitted JISAKOS)

Nuelle et. al. Radiology and Histologic Evaluation of Biceps Tenodesis (submit to Arthroscopy)

Sherman SL. et.al. In Vivo Toxicity of Local Anesthetics and Cortisone Derivatives on Canine Supraspinatus Tenocytes (Revising for TBD journal)

Gregory M, Capito N, Gray A, Bal S, Sherman SL. Overutilization of MRI in the Diagnosis and Treatment of Moderate to Severe Knee Osteoarthritis. (Submitted to Iowa Journal Orthopedics)

Sherman SL et.al. Multicenter Survey on RTP following ACL Reconstruction. (To be submitted to OJSM)

Sherman SL, Lewis H, Plackis A, Thompson S, James C, Gray A, Smith P. Hop Test Performance Does Not Correlate with Neuromuscular Control During the Drop Vertical Jump. (Submitted Sports Biomechanics)

Bodendorfer, Freeman et.al. The Effect of Knee Neoprene Sleeves and Prophylactic Braces on Lower Extremity Neuromuscular Control (Submitted to AJO/Orthopedics)

Bodendorfer, Freeman et.al. The Effect of Ankle Neoprene Sleeves and Prophylactic Braces on Lower Extremity Neuromuscular Control (To be submitted AJSM)

Sherman SL, Pomajzl R, Kyupelyan L, Mooberry M, Pfeiffer F. The Effect of Femoral Condyle Width on Contact Pressures across its Surface with and without Various-sized Full thickness Chondral Defects (To be submitted Cartilage)

Sherman SL, Freeman et.al. Biomechanical Analysis of Lateral MAT (Submitted to Cartilage)

Sherman SL, Freeman et.al. Biomechanical Analysis of Medial MAT: Transosseous suture vs. Suture Button vs. TightRope (Submitted to Arthroscopy)

Raines BT, Pomajzl R, Sherman SL. Case Report: Rupture and Surgical Fixation of the Distal Biceps Femoris.(to submitted Arthroscopy Techniques)

Brimmo et.al. Biomechanical Evaluation of Combined Intra-articular and Extra-articular ACL Reconstruction Techniques. (to be submitted Arthroscopy)

Hammoud et.al. Top 50 Meniscal Transplant Articles (submitted to Cartilage)

*In writing/planning/preparation*

Arthroscopy Editorial: Krackow Suture

Increased Rate of Re-operation with Tibial Tubercle Osteotomy That Includes Distalization (Hanson, Hinckel)

Case Report: Trochlea OCD Lesion. (Garrone)

Case Report: Compartment Syndrome following ACL Surgery (Voss)

Case Report: Traumatic Peroneal Nerve Palsy in an MMA Fighter (Strauss, Sherman)

Mapping the Outcomes: A Retrospective Data Analysis of Our Return to Sport Protocol in Athletes who have undergone Ligamentous Reconstruction (Brad Spence, Gulbrandson)

A Comparison of Open vs. Mini Surgical Repair for Achilles Tendon Ruptures  
Barber JA, Oladeji LO, Clawson SW, Fiala, Summerhayes, Sherman SL

Xarelto (Rivaroxaban) Prophylaxis Reduces the Risk of Thromboembolic Events Following Knee Osteotomy Without Increased Bleeding Complications (Alex McDonald, Troy Pashuck, Gulbrandson)

Aaron Gray, Scott Miller, Emily Leary, Jeff Marks, Sam Galloway, Seth L. Sherman Validation of a novel retrospective method to evaluate ACL injury rates in high school soccer athletes. (in writing)

Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device (Gulbrandson, to be submitted AJSM)

Guess T, Sherman SL. Knee cAPP: Musculoskeletal Model. (Submit to Journal of Orthopedic Research)

Sherman SL, Nuelle C, Lewis H, Smith P. Incidence and Variance of Injuries by Player Position in American Football. An Epidemiologic Review. (To be submitted Sports Health)

Fleshman B, Sherman SL, Gray A. Management of Tibial Stress Fractures in Competitive Athletes (To be submitted Sports Health)

Worley et.al. Investigation of RTP following UCL reconstruction using Pitch-FX database.



(To be submitted AJSM)

Correlation of PROMIS CAT with a Legacy Outcome Score in Patients Undergoing Knee Osteotomy and Cartilage Procedures

(Voss E, Garrone A, Sherman SL)

Quadriceps Lengthening and Patella Tendon Shortening Videos (in editing)

Voss E, Garrone A, Betina, Sherman SL

Biomechanical Study of ACL avulsion repair techniques (Voss, Garrone, Ma; awaiting funding approval)

DeNovo NT Case Series (Voss)

Chondrocyte toxicity study (Voss, in planning phase)

RTP following Patella Instability (Oliver, Current Rev Musc Medicine)

Osteotomy for PCL insufficiency (Garrone, Current Rev Musc Medicine)

AOSSM Publications

In Motion: Knee Injuries in Skiing (Winter 2017)

SMU: AOSSM/SLARD Travelling Fellowship

SMU: Cartilage Repair Algorithm

SMU: Interview with AOSSM legends (Russ Warren)

ACL Study Group Survey Paper (Marcus Arnold, in writing)

Systematic Review Patellofemoral Cartilage Treatment (Baumann, Hinckel)

Systematic Review Osteotomy in Athletes (Baumann)

Variability In Reporting Articular Cartilage Lesion Characteristics Of The Knee In Clinical Studies (UCLA team, abstract to WOA meeting)

AMSSM Abstract-distal biceps (Bohon)

Moximed Atlas Study (pending)

Cartiheal study (pending)

ISAKOS Committee

Newsletter (due Dec 1)

Current Concept Review (Spring- Possible tissue engineering w/ cartilage group)

Peer and non-peer reviewed multimedia presentations

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

AOSSM In Motion 2017: *Patellofemoral Instability*

Ultramax Blog Posts : TriZou 2017

Like an Athlete Blog Posts: University of Missouri

*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.

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

COMO Living: *Doc Talk 2015*. Seth L. Sherman, 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.

Press Releases 7/2015: AOSSM News Release, Science Today, Ortho Today, Healthday Physician’s Briefing  
*New Study Shows Ankle Sleeves and Lace-Up Braces Can Benefit Athlete Performance*

Sherman SL, Farr J. *Patellofemoral Blog: “Not Medically Necessary”*. Orthopedics Today 2014.

Sherman SL *Pre-Participation Sports Physical Examination*. Columbia Tribune Family Life Section. 3/8/2013.

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

Chalmers P, Karas V, Sherman SL, Cole BJ. *Combined Cartilage Restoration and Distal Realignment for Patella and Trochlear Chondral Lesions*. Orthopedic Knowledge Online 2012.

Ghodadra N, Sherman SL, Mathers C, Romeo A. *Arthroscopic biceps tenodesis and tenotomy*. AAOS Atlas of Essential Orthopaedic Procedures. AAOS 2011.

Sherman SL, Chalmers P, Lenart B., Ghodadra N, Nicholson GP. *Arthroscopic Treatment of Frozen Shoulder*. AAOS Atlas of Essential Orthopaedic Procedures. AAOS 2011.

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

Sherman SL, 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.

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

### *Podium/Poster/ Abstract Presentations:*

SBRATE/SLARD 2017 Curitiba, Brazil

Podium Presentation:

Screening for ACL Injury and RTP Protocol

Argentina 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

AOSSM 2017 Toronto, Canada

MACI Case Presentation: Patellofemoral Joint

Industry Seminar

ISAKOS 2017 Shanghai, China

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

ISAKOS 2017 Shanghai, China

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

AANA 2017 Denver, Co

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

AANA 2017 Denver, Co

E-posters:

Radiology and Histology of Biceps Tenodesis  
Medial and Lateral MAT

University of Missouri Comparative Orthopedic Laboratory Research Day 2016  
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

AAOS 2017: San Diego, CA  
Podium Presentation:  
Transosseous vs. Suture Anchor Patella Tendon

AAOS 2017: San Diego, CA  
Podium Presentation \*  
Salty Shoulder

ICRS 2016: Sorrento, Italy  
Faculty Presentation: Meniscal Repair

ICRS 2016: Sorrento, Italy  
Faculty Presentation: Post-traumatic Arthritis

ICRS 2016: Sorrento, Italy; \*  
Podium Presentation: Animal Model of Post-traumatic OA investigating subchondroplasty

ICRS 2016: Sorrento, Italy  
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

AOSSM 2016: Colorado Springs, USA  
Poster Presentation  
Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device

AMSSM 2016: Poster Case Presentation; \*

Tibial Tubercle and Tibial Plateau Fracture in Basketball Athlete

University of Missouri Phi Zeta: Poster Presentation 2016 \*

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

University of Missouri Comparative Orthopedic Laboratory Research Day 2016: Podium Presentation\*  
Biological Augmentation Strategies for Meniscal Repair

University of Missouri Comparative Orthopedic Laboratory Research Day 2016: Podium Presentation \*  
From the Lab to the High School Gym: ACL Risk Screening

AANA 2016: e-Poster Presentation

In vivo Toxicity of Local Anesthetics and Corticosteroids on Supraspinatus Tenocyte Cell Viability and Metabolism

AANA 2016: Podium Presentation \*

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

International ACL Study Group 2016. Are, Sweden: Podium Presentation

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

International ACL Study Group 2016. Are, Sweden: Podium Presentation

Multicenter Survey on Return to Play Following ACL Reconstruction

ACL RTP Symposium Panelist

International ACL Study Group 2016. Are, Sweden: Podium Presentation

ACL Study Group membership survey results

ORS 2016: Podium Presentation \*

Monibi FA, Stoker AM, Pfeiffer FM, Kuroki K, Sherman SL, Cook JL.

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

ORS 2016: Poster Presentation; PI

Nuelle C, James CH, Stoker AM, Cook JL, Sherman SL.

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; 3 posters (1 co-I, 2 PI)

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

ISAKOS 2015: Poster  
Effect of Lace-up Knee Braces and Neoprene Sleeves on Neuromuscular Control and Athletic Performance

ISAKOS 2015:Poster  
Effect of Lace-up Ankle Braces and Neoprene Sleeves on Neuromuscular Control and Athletic Performance

ISAKOS 2015: Podium  
Transosseous versus Suture Anchor Quadriceps Tendon Repair

ISAKOS 2015: Podium (IMREF meeting)  
Biomechanical Study of Lateral Meniscal Allograft Transplantation Using Anatomic Bone Sockets and TightRope Cortical Fixation

Phi Zeta: Poster Presentation 5/8/2015 \*  
Monibi FA, Pfeiffer FM, Stoker AM, Kuroki K, Sherman SL, 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

ICRS 2015: Podium Presentation  
Effect of Femoral Condyle Width on Contact Pressure of Various Sized Chondral Lesions

ICRS 2015: YSOS Star Papers Podium Presentation  
Validation of the Knee cAPP: A Musculoskeletal Model Used to Predict Patellofemoral Contact Pressures During Gait

ICRS 2015: Poster Presentation  
Biomechanical Study of Lateral Meniscal Allograft Transplantation Using Anatomic Bone Sockets and TightRope Cortical Fixation

ORS 2015: Poster Presentation, Las Vegas, NV \*

Serum Biomarkers in a Novel In Vivo Model of Post-Traumatic Osteoarthritis-accepted

AAOS 2015: Scientific Exhibit(s) Poster Presenter. Las Vegas, NV

Expanding Indications for Fresh Osteochondral Allograft Transplantation

AAOS 2015: Scientific Exhibit(s) Poster Presenter. Las Vegas, NV

Two Stage Revision ACL Reconstructions: Indications, Technique, Outcome

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

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

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

Podium Presentation. Regenerating a Meniscus – Where are we now? Dr. Farrah Monibi

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

Podium Presentation. The Salty Shoulder – Pre-Clinical and Clinical Studies Dr. Smith

University of Missouri Health Sciences Research Day 2014:Columbia, MO (1 co-I, 2 PI)

*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. Lewi*

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

AOSSM 2014: Poster Presentation. Seattle, WA

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: Poster Presentation. New Orleans, LA

*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 a drop vertical jump*

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: Poster Presentation. Izmir, Turkey  
*In Vivo Toxicity of Local Anesthetics and Corticosteroids on Cartilage and Synovium*

ICRS International World Congress 2013: Poster Presentation. Izmir, Turkey  
*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: Podium 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 (1 co-I, 2 PI)  
*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*

AAOS Annual Meeting, March 2012 – Chicago, IL: Paper Presentation \*  
*Return to High-Level Sport Following Meniscal Allograft Transplantation*

AAOS Annual Meeting, March 2012 – Chicago, IL: Paper Presentation \*  
*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, Sherman SL.  
*Trends in the Management of Proximal Humerus Fractures in the United States: 1998-2009*
- Gregory M, Capito N, Jenkins T, Gray A, Bal BS, Sherman SL.  
*Overutilization of MRI in the Diagnosis and Treatment of Moderate to Severe Osteoarthritis.*
- Marks J, Gray AD, Sherman SL.



*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  
Sherman SL, 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  
Sherman SL, Mather R, Verma N, Romeo A.  
*Pectoralis Major Repair: Transosseous versus Suture Anchor Repair*

ACL Study Group February 2012 – Podium Presentation  
Sherman SL, Suero E, Delos D, Sherman 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, Sherman SL, 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 \*  
Sherman SL, 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, Sherman SL, 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, Sherman 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, Sherman SL, 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; Sherman, SL; 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, Sherman SL, Gochanour E, Twigg S, Nicholson GP.

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

Herodius Society 2011: Podium Presentation \*

Sherman SL, Karas V, Baker C, Bach BR, Cole BJ, Bush-Joseph CA.

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

Herodius Society 2011: Podium Presentation \*

Karas V, Sherman SL, 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

Sherman SL, Suero E, Delos D, Sherman 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

Sherman SL, 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

Sherman SL, 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, Sherman SL, 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; Sherman, SL; 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, Sherman SL, 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, Sherman SL, 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, Sherman SL, 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, Sherman SL, 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, Sherman SL, 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, Sherman 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, Sherman SL,

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 \*

Sherman SL, Manoff E, Von Tobel T, Mintz D, Sherman 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, Sherman SL, 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, Sherman SL, Kepler CK, Neviaser 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, Sherman SL, 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

Sherman SL, 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, Sherman SL, 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.  
*Transtibial 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, Sherman SL, 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, Sherman SL, 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  
Sherman SL, 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  
Sherman SL, Manoff E, Von Tobel T, Mintz D, Sherman 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, Sherman SL, 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  
Sherman SL, 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\*  
Sherman SL, 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, Sherman SL, 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, Sherman SL, 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 Attended/Instructed

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	Depuy 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:

#### *University of Missouri*

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

4/2017	MU Sports Medicine Update: Patellofemoral Lecture
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	Trizzou Opening Ceremony Speech
4/30/2016	Trizzou 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	MUlation 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 – Unicompartament 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 Unicondylar 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: <i>Shoulder /Elbow Conditions in the Athlete</i>
4/3/2012	Hosted Visiting Professor Dr. Bugbee. Case Presentations with residents
3/22/2012	Undergraduate Lecture: Rex Sharp Advanced Athletic Training <i>Diagnosis of Common Shoulder Conditions /Anterior Shoulder Instability</i>
2/29/2012	Arthrex Shoulder Cadaver Lab w/ Resident (Latarjet, SSN release)
1/18/2012	MUlation Medical Student Event
12/13/2011	<i>Clinical Evaluation of Common Shoulder Disorders</i> Family Practice Resident Lecture Series.
10/24/2011	<i>Shoulder Cadaver Workshop with Medical Students</i> 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	<i>Hip arthroscopy Rehabilitation.</i> Physical Therapy interactive session
4/25/2011	<i>Meniscal Injury and Treatment.</i> Resident Journal Club Leader
4/7-4/8/2011	<i>Shoulder, Hip, Knee Anatomy and Cadaver Course.</i> Arthrex Beginner Sales Representative Course
2/23/2011	<i>Use of Modalities for Non-operative Management of Sprains/Strains.</i> Interactive Physical Therapy Teaching Session
1/31/2011	<i>Anterior Shoulder Instability.</i> Rush Journal Club Presentation
1/24/2011	<i>Knee Anatomy and Radiology.</i> Resident Lecture
1/20/2011	<i>Arthroscopic Knot Tying and Dry Shoulder Lab.</i> Resident Teaching
1/12/2011	<i>Shoulder Instability.</i> Interactive Physical Therapy Teaching Session
12/17/2010	<i>ACL prehab and rehab .</i> Interactive Physical Therapy Teaching Session
12/12/2010	<i>ACI vs MFX.</i> Resident Teaching Journal Club Presentation
11/15/2010	<i>SAD/RCR.</i> Interactive Physical Therapy Teaching Session
11/11/2010	<i>Arthroscopic Knot Tying Seminar.</i> Resident Teaching
11/2/2010	<i>ABOS Sports Review Talk.</i> Resident Teaching
11/1/2010	<i>OITE review.</i> Rush Resident Lecture Series
10/20/2010	<i>Clavicle Fractures and AC Joint Injuries.</i> Rush Primary Care Sports Conference
9/22/2010	<i>Rush Journal Club</i>

Hospital for Special Surgery:

2010	<i>Haiti Relief Effort Presentation (collaboration with OTS trauma fellow)</i>
4/12/2010	<i>Both Bone Forearm Fractures.</i> OTS Trauma Core conference.
11/19/2009	<i>Outcomes for Flexor Pronator Debridement and Ulnar Neuritis in the throwing athlete.</i> Sports Core Conference.
11/19/2009	<i>Surgical outcomes in the throwing athlete.</i> Sports Core Conference.
10/29/2009	<i>Role of Open Surgery for Femoroacetabular impingement.</i> Sports Core Conference.
10/22/2009	<i>ACL Reconstruction Techniques in Children.</i> Sports Core conference.
10/16/2009	<i>M &amp; M Conference Case presentation.</i>
10/19/2009	<i>Back Pain in Children.</i> Pediatrics Core Conference.
10/13/2009	<i>CAP conference patient presentation.</i> SAS Core Conference.
8/10/2009	<i>Overview of Knee Anatomy and Radiology.</i> Anatomy Core Conference
4/23/2009	<i>Cervical Spondylosis.</i> Spine Core Conference.
3/25/2009	<i>OTS Conference Case Presentations.</i> OTS Core Conference
3/23/2009	<i>Talus and Midfoot Fracture/Dislocations.</i> OTS Trauma Core Conference.
2/23/2009	<i>Ankle Fractures.</i> Trauma Core Conference
2/12/2009	<i>Case Presentation.</i> Hand Service Core Conference.
10/16/2008	<i>Failure of ACL reconstructions: Associated Ligamentous Instability and its effect on ACL graft integrity.</i> Sports Core Conference.
9/18/2008	<i>Sensitivity and Specificity of Physical Examination Findings for the Rotator Cuff.</i> Sports Core Conference
9/25/2008	<i>Should you always perform acromioplasty with rotator cuff repair?</i> Sports Core Conference.
9/11/2008	<i>Femoral/ Tibial Footprints of the ACL: Effect on ACL graft mechanics.</i> Sports Core Conference
5/15/2008	<i>Viscosupplementation for the treatment of knee OA.</i> Sports Core Conference.
2006	<i>Effect of Common Antibiotics on Fracture Healing.</i> Metabolic Bone Service Core Conference.
8/29/2007	<i>Back Pain in Children.</i> Pediatrics Core Conference.
11/16/2006	<i>OTS Conference Case Presentations.</i> OTS Core Conference.
10/26/2006	<i>OTS Conference Case Presentations.</i> OTS Core Conference.
2006	<i>Hip Anatomy Dissection:</i> HSS Core Conference Curriculum