

## Curriculum Vitae

Seth L. Sherman, M.D.  
Associate Professor of Orthopedic Surgery  
Fellowship Director, Division of Sports Medicine  
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### Education

|                               |                                   |                    |
|-------------------------------|-----------------------------------|--------------------|
| Weill Cornell Medical College | M.D.                              | Aug 2001-June 2005 |
| University of Pennsylvania    | 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/<br>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 Re-Certification | 2022 | Active   |
| Missouri                    | 2011 | Inactive |
| Illinois                    | 2010 | Inactive |
| New York                    | 2006 | Inactive |

### Professional Society Membership:

|                                                 |                           |              |
|-------------------------------------------------|---------------------------|--------------|
| Herodicus Society                               | Member                    | 2023-Present |
| 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 |

## Honors and Awards

|                                                                                                                                                                                                                              |                               |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------|
| Elected member of Herodicus Society                                                                                                                                                                                          |                               | 2023      |
| Host for AOSSM/ESSKA Travelling Fellows                                                                                                                                                                                      |                               | 2023      |
| Host for ISAKOS Travelling Fellows                                                                                                                                                                                           |                               | 2023      |
| Host for AANA Travelling Fellows                                                                                                                                                                                             |                               | 2022      |
| Castle Connolly Regional Top Doctor 2022                                                                                                                                                                                     |                               | 2022      |
| Stanford Physician Coaching Course Graduate (ACES 1.0 and 2.0)                                                                                                                                                               |                               | 2021      |
| Resident/Fellow Research Award:                                                                                                                                                                                              |                               | 2021      |
| “Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers Does Not Decrease Spin Rate” at American Shoulder and Elbow (ASES) Foundation Meeting, San Francisco, California                                 |                               |           |
| Castle Connolly Regional Top Doctor 2021                                                                                                                                                                                     |                               | 2021      |
| AANA Patelofemoral Anatomy Research Excellence Award                                                                                                                                                                         |                               | 2020      |
| Castle Connolly Regional Top Doctor 2020                                                                                                                                                                                     |                               | 2020      |
| Associate Professor-MCL(Stanford University)                                                                                                                                                                                 |                               | 2019      |
| 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 (University of Missouri)                                                                                                                                                                     |                               | 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., Sherman SL. 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      |

- *Awarded to student with highest general average in medicine at the end of 3<sup>rd</sup> year of medical school*

|                             |                               |      |
|-----------------------------|-------------------------------|------|
| Junior AOA                  | Weill Cornell Medical College | 2003 |
| Viola Borkon Memorial Prize | Weill Cornell Medical College | 2002 |

- *Awarded to the student who has placed at the top of the class for scholastic performance upon completion of the pre-clinical curriculum*

|                                          |                            |           |
|------------------------------------------|----------------------------|-----------|
| 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

|                                                                       |                          |        |              |
|-----------------------------------------------------------------------|--------------------------|--------|--------------|
| 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<br>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

|                                           |                              |              |
|-------------------------------------------|------------------------------|--------------|
| ISAKOS Board of Directors                 | Elected Member               | 2023-Present |
| ISAKOS Biennial Meeting                   | Program Committee            | 2023-Present |
| ISAKOS Knee Preservation                  | Committee Co-Chair           | 2023-Present |
| AOSSM/Biologic Association                | Liaison                      | 2023-Present |
| ISAKOS Sports Medicine Committee Co-Chair | Member                       | 2021-Present |
| AOSSM Education Committee                 | Member                       | 2022-Present |
| ICRS Education Committee                  | Co-Chair                     | 2022-Present |
| AANA Fellowship Committee                 | Committee Chair              | 2022-Present |
| AO Principles in Sports Medicine Course   | Course Development TaskForce | 2020-Present |
| Biologic Association                      | Website Committee            | 2019-Present |
| Biologic Association                      | Host 'Orthobiologics Live'   | 2019-Present |
| ISMF Fellows Conference                   | Annual Meeting Program Chair | 2017-Present |
| PF Foundation Online Training Modules     | Course Co-director           | 2017-Present |
| ACL Study Group Website Committee         | ACL Study Group              | 2017-Present |

|                                            |                                     |              |
|--------------------------------------------|-------------------------------------|--------------|
| ACL Study Group Membership Committee       | ACL Study Group                     | 2014-Present |
| Alumni Class Representative                | Hospital for Special Surgery        | 2011-Present |
| International ACL Study Group              | Biennial Program Committee Member   | 2021-2023    |
| ISAKOS Sports/Knee Preservation            | Committee Deputy Chair              | 2021-2023    |
| AAOS Sports Medicine/Arthroscopy           | Committee Chair                     | 2017-2023    |
| Meniscus Transplant Study Group            | Annual Meeting Program Chair (AAOS) | 2022         |
| AANA OLC Committee                         | Committee member                    | 2019-2022    |
| AOSSM Publications Committee               | Committee member                    | 2016-2022    |
| ICRS 'Next Gen' Committee                  | Committee Chair                     | 2016-2022    |
| Biologic Association                       | Annual Meeting Program Co-Chair     | 2020-2021    |
| AANA Fellowship Committee                  | Committee Member                    | 2019-2021    |
| ISAKOS Sports/Knee Preservation            | Committee member                    | 2017-2021    |
| 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

|                                               |                                   |              |
|-----------------------------------------------|-----------------------------------|--------------|
| Stanford Orthopedic Resident Research Day     | Chairperson                       | 2023-Present |
| Tenure Committee (Dr. Cheung)                 | Stanford University               | 2022         |
| Wu Tsai Foundation                            | Human Performance Alliance        | 2021-Present |
| Diversity Equity Inclusion Committee Member   | Stanford University               | 2021-Present |
| Sports Medicine Fellowship Director           | Stanford University               | 2020-Present |
| Quality Outcomes Committee                    | Stanford University               | 2019-Present |
| Tenure Committee (Dr. Abrams)                 | Stanford University               | 2020-2021    |
| 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

|                                                                        |                     |              |
|------------------------------------------------------------------------|---------------------|--------------|
| Wu Tsai Human Performance Research<br>Fellowship Mentor (Ananya Goyal) | Stanford University | 2022-Present |
| Wu Tsai Research Mentor (Nolan Evers)                                  | Stanford University | 2022-Present |
| Early Clinical Engagement (ECE) Program                                | Stanford University | 2021-Present |

|                                                            |                                       |              |
|------------------------------------------------------------|---------------------------------------|--------------|
| Orthopedic Interest Group Mentor                           | Stanford University                   | 2020-Present |
| Continuity of Care Clerkship Preceptor                     | Stanford University                   | 2020-Present |
| Medical Scholar Research Project (Anshal Gupta)            | Stanford University                   | 2020-2021    |
| 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<br>(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

|                                      |                              |              |
|--------------------------------------|------------------------------|--------------|
| LifeNet                              | Consultant                   | 2022-Present |
| Depuy Mitek                          | Consultant                   | 2022-Present |
| Arcuro                               | Consultant                   | 2022-Present |
| DJO/Enovis                           | Scientific Advisory Board    | 2021-Present |
| Reparel                              | Scientific Advisory Board    | 2021-Present |
| NewClip                              | Consultant                   | 2020-Present |
| Kinamed                              | Consultant                   | 2020-Present |
| Sparta Biomedical                    | Scientific Advisory Board    | 2020-Present |
| Sarcio Medical Advisory Board        | Scientific Advisory Board    | 2020-Present |
| Smith & Nephew                       | Consultant                   | 2019-Present |
| Joint Restoration Foundation         | Consultant                   | 2019-Present |
| Vivorte                              | Scientific Advisory Board    | 2019-Present |
| Conmed                               | Knee Design Team/ Consultant | 2017-Present |
| Vericel (MACI)                       | Surgeon Advisory Board       | 2015-Present |
| Arthrex                              | Consultant                   | 2014-Present |
| Active Implants                      | Consultant                   | 2022-2023    |
| Flexion                              | Consultant                   | 2022         |
| Allosource                           | Consultant                   | 2021-2022    |
| Bioventus                            | Advisory Board/Consultant    | 2020-2022    |
| Epic Bio                             | Scientific Advisory Board    | 2019-2021    |
| 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 |
| <i>This event promotes racial harmony by joining Staten Island youth of all ethnic backgrounds in a weekend</i> |                                |              |

of friendly basketball competition, educational sessions, guest lectures, and a host of other activities.

[www.unitygames.net](http://www.unitygames.net)

|                                        |                      |           |
|----------------------------------------|----------------------|-----------|
| 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 |
|----------------------------|------------|------|

*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.*

|                      |                                    |           |
|----------------------|------------------------------------|-----------|
| Casting for Recovery | Fly fishing guide/social counselor | 2000-2010 |
|----------------------|------------------------------------|-----------|

*Non-profit organization that unites breast cancer survivors during weekend fly fishing retreats around the country*

|                       |                               |           |
|-----------------------|-------------------------------|-----------|
| AIDS Teaching Program | Weill Cornell Medical College | 2002-2003 |
|-----------------------|-------------------------------|-----------|

|                          |                            |           |
|--------------------------|----------------------------|-----------|
| Zeta Beta Tau Fraternity | University of Pennsylvania | 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<sup>®</sup> 3D, Compared to Microfracture in the Treatment of Articular Cartilage Defects

Role: Site PI (currently enrolling)

Patient IQ

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

Role: PI (currently enrolling)

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)

18F PET/MRI Scanning for the Evaluation of Musculoskeletal Response to Loading

PI: Feliks Kogans

Role: Co-I (currently enrolling)

Examining the Efficacy of a Tri-Compartment Unloader Knee Brace during Physical Rehabilitation in Non-Surgical Patients with Anterior Knee Pain

Role: PI (enrolling)

Tibial Tubercle Osteotomy (TTO) Surgery for Patellofemoral Joint Disorders – Indications, Technique, and Results

Role: PI

Prospective 3D Scanning for Assessment of Muscle Wasting after Knee Arthroscopy

PI: Michael Gardner, MD

Role: Co-I (currently enrolling)

Quantification of Growth Factors in Platelet Rich Plasma

Role: Site PI (currently enrolling)

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

Canadian Institute of Health Research/National Institute of Health

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

Role: Site PI (enrollment to begin August 2023)

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

Role: Site PI (IRB approved, enrollment to begin 2023)

JUPITER 3.0: Multi-center prospective study (Patellofemoral instability)

Role: Site PI (future enrollment)

A Phase 3 Prospective, Multicenter, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy of Amniotic Suspension Allograft (ASA) in Patients with Osteoarthritis of the Knee

Role: Site PI

AOSSM Award Study

### **Previous Awards/ IRB approved studies**

9/15/2022

Zimmer Biomet

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

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

Anatomic Landmark Guided Needle Placement

Role: Co-I

Adjuvant Adipose-Derived Autologous Cells for Arthroscopically-Determined Knee Osteoarthritis: A Randomized Controlled Trial

Role: Co-I

Randomized Controlled Trial of the Cartilage Forming Potential of Microdrilling versus Lipoaspirate Concentrate for Isolated Articular Cartilage Defects

Role: Co-I

FDA IDE Study

04/15/18 – 03/27/24

A Prospective Multicenter Open-label Randomized Controlled Trial of Agili-C<sup>™</sup> vs. Surgical Standard of Care (SSOC) for the Treatment of Joint Surface Lesions of the Knee (CartiHeal)

Role: PI

\$125,623.44

FDA IDE Study

10/18/18 – 10/01/24

Evaluation of the Calypso Knee System for Symptom Relief in Subjects with Medial Knee Osteoarthritis (Moximed)

Role: PI

\$43,321.70

Arthrex Inc.

05/08/14 – 05/02/20

Comparison of BioCartilage versus marrow stimulating procedure for cartilage defects of the knee

PI: Stannard JP

Role: Co-I

\$51,350.06

NuTech

03/01/16 – 02/28/19

An Investigation of ReNu Knee Injection: Monitoring the Response of Knee Function and Pain in Patients with Osteoarthritis

Role: Medical PI

\$78,959.18

Multicenter- University of Pittsburgh

08/15/17 – 10/10/18

A Novel Method for Measuring a Quantitative Pivot Shift in Patients with ACL Injury (PIVOT study)

PI: Volker Musahl

Role: Site PI

Internal funded

Zimmer

12/09/15 – 12/08/17

Assessment of Enhanced Subchondroplasty Treatment for Post-Traumatic Osteoarthritis in a Canine Model

PI: Cook JL

Role: Co-I

\$335,402.00

Coulter Foundation

07/01/16 – 06/30/17

9/15/2022

8



|                                                                                                                                                                                                                                                  |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Injectable Biomaterial to Mitigate Articular Cartilage Degradation after Trauma or Surgery<br>PI: Sheila Grant<br>Role: Medical PI                                                                                                               | \$16,550                           |
| Zimmer<br>Assessment of an Impact Model for Subchondroplasty Treatment in Dogs<br>PI: Cook JL<br>Role: Co-I                                                                                                                                      | 02/12/14 – 02/11/2017<br>\$262,373 |
| Arthrex, Inc.<br>Effects of Harvest Site on Bone Marrow Concentrate<br>PI: Stannard JP<br>Role: Co-I                                                                                                                                             | 05/20/14 – 12/31/16<br>\$38,000    |
| Nutramax Lab Inc.<br>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<br>PI: Cook JL<br>Role: Co-I | 01/01/14 – 12/01/16<br>\$116,400   |
| MOI Faculty Seed Grant<br>Correlating Motion Analysis Systems and Clinical Testing to Establish an Appropriate Return to Sport Protocol following ACL Reconstruction in Athletes<br>Role: PI                                                     | 10/01/14 – 9/30/16<br>\$9,700      |
| Coulter Foundation<br>Nanografts for Soft Tissue Repair<br>PI: Sheila Grant<br>Role: Medical PI                                                                                                                                                  | 07/01/12 – 06/30/16<br>\$249,175   |
| Mizzou Advantage<br>Title: Preventing Anterior Cruciate Ligament (ACL) Tears in Female Youth Athletes with Video Game Technology<br>PI: Gray A<br>Role: Co-I                                                                                     | 05/21/14 – 08/31/15<br>\$49,969    |
| RTI Surgical<br>Comparison of Surface Curvature Characteristics of Donor Human Lateral Femoral Condyles for Consideration of Transplantation to Recipient Medial Femoral Condyle<br>PI: Pfeiffer FM<br>Role: Co-I                                | 09/01/14 – 08/31/15<br>\$19,188    |
| Arthrex, Inc.<br>Transosseous Tunnel vs. Suture Anchor Repair for Extensor Mechanism Injuries: a biomechanical cadaveric study<br>Role: PI                                                                                                       | 03/01/13 – 08/01/13<br>\$5,000     |

Phi Zeta Award

*In Vitro* 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 03/01/09 – 02/28/10  
 Dr. Thomas Wickiewicz Sports Medicine Grant  
 Biomechanical Analysis of Combined Intra-articular and Extra-articular ACL Reconstructions in a Cadaveric Model using Computer Navigation.  
 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**

|                                                                                                                                     |              |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Healio   <i>Orthopedics Today</i> Editorial Board                                                                                   | 2022-Present |
| Journal of Cartilage and Joint Preservation (Associate Editor)                                                                      | 2022-Present |
| AANA Self Assessment Course (Section Editor)                                                                                        | 2022-Present |
| Springer: The Acute Knee- A Handbook for Sports Medicine Physicians (Book Editor)                                                   | 2021-Present |
| 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: Patellofemoral)                                                           | 2020-Present |
| Journal of Hip Preservation Surgery (reviewer)                                                                                      | 2020-Present |
| AAOS Resident Curriculum: Chapters: Extensor Mechanism Injuries, Meniscal Injuries, Patellofemoral Joint Disorders (Section Editor) | 2020         |
| Journal of Bone and Joint Surgery (reviewer)                                                                                        | 2019-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 |

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|----------------------------------------------------------------------------------|--------------|
| American Journal of Sports Medicine (Reviewer)                                   | 2011-Present |
| Journal of Clinical Orthopedics and Traumatology (India-Assistant Editor)        | 2018-2021    |
| ISAKOS Advances in Knee Ligament and Preservation Surgery (Book Editorial Board) | 2019-2021    |
| 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    |

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Pullen MW, Cinque ME, Shea KG, Sherman SL: Patellofemoral Joint Disorders/Patellofemoral Instability, in Tornetta P III, Morris CD, eds: Resident Orthopaedic Core Knowledge [online course]. Rosemont, IL, American Academy of Orthopaedic Surgeons, 2023

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Trevor Gulbrandsen, Olivia O'Reilly, Ian Gao, **Seth L. Sherman**. Management of Lateral Meniscus Deficient Knee in Revision ACL Reconstruction. 03 June, 2022.

Jake Calcei, **Seth L. Sherman**, Jack Farr. Distal Realignment for Patellofemoral Disease. Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine. Editors: Cole and Chahla

Trevor R. Gulbrandsen, MD, Alan G. Shamrock, MD, **Seth L. Sherman, MD**. Update on Indication, Technique, and Outcome of Meniscus Transplantation. *ISAKOS Book: Advances in Knee Ligament and Knee Preservation Surgery*. Editors: Robert G. Marx, Norimasa Nakamura, Volker Musahl, Peter Verdonk, Seth L. Sherman, Alan Getgood. 2021.

Nuelle CW, LaPrade CM, **Sherman SL**. Osteochondral Allograft Transplantation. *ISAKOS Book: Advances in Knee Ligament and Knee Preservation Surgery*. Editors: Robert G. Marx, Norimasa Nakamura, Volker Musahl, Peter Verdonk, Seth L. Sherman, Alan Getgood.

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**Seth L. Sherman**, Taylor Ray, Miho Tanaka. Patella Tendinitis at Osgood-Schlatter's Lesion of 32 year old. *ISAKOS Book: The Patellofemoral Joint – A Case Based Approach*. Editors: Jason Koh, Ryosuke Kuroda, Joao Espregueira-Mendes, Alberto Gobbi.

Robert Magnussen, Nicola Maffulli, **Seth Sherman**. Patella Tendinitis in a 21 year old Basketball Player. *ISAKOS Book: The Patellofemoral Joint – A Case Based Approach*. Editors: Jason Koh, Ryosuke Kuroda, Joao Espregueira-Mendes, Alberto Gobbi.

Manuel Schubert, MD, **Seth L. Sherman, 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

**Seth L. Sherman, 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)

**Sherman SL**, Voss E, Hinckel B. Patella Proximal Realignment- Lateral Retinacular Lengthening. *Knee Surgery: Tricks of the Trade*. Thieme Medical Publishers.

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Ian Gao, MD; Geoffrey D. Abrams, MD; Michael T. Freehill, MD; and **Seth L. Sherman, 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., **Sherman, SL**. Cartilage Disease of the Patellofemoral Joint: Realignment, Restoration, Replacement. AAOS 2020 ICL Volume 70. (Academic year 2020-2021)

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**Seth L. Sherman, MD**, Andrew Gudeman, MD. Editorial Commentary “Patellar tilt and patellar tendon–trochlear groove angle present the optimum MRI diagnostic reliability for patients with patellar instability.”

Ran Atzmon, Nikunj N. Trivedi, Kinsley J Pierre, J. Blake Calcei, Kyle R. Sochaki, **Seth L. Sherman**, James E. Voos, Jacob G. Calcei. Is there a Role for Adjunct Ankle Arthroscopy Following Repair of Isolated Syndesmotic Injuries? - A Database Analysis, 18 September 2023, PREPRINT (Version 1) available at Research Square [<https://doi.org/10.21203/rs.3.rs-3232730/v1>]

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### Published Abstracts

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Christopher M. LaPrade, Mark E Cinque, Deepak V Chona, Aaron D Sciascia, Geoffrey D Abrams, **Seth L. Sherman**, Marc R Safran, Michael T. Freehill. Revision Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers: Effects of Fastball Velocity and Usage. 2022, August. PMID: 35351655. Doi: [10.1016/j.jse.2022.02.026](https://doi.org/10.1016/j.jse.2022.02.026)

Andrew Gudeman, Kunal Varshneya, Adam Money, Kevin Shea, Geoffrey Abrams, Jack Farr, **Seth L. Sherman**. Isolated Lateral Release versus MPFLR in Adult Patients. Presented as abstract ISAKOS.

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Aaron D. Gray, MD, Brooks Platt, MD, John R. Worley, MD, **Seth L. Sherman, MD**, Emily Leary, PhD. Decreased Upward Vertical Movement for Fastballs after Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers. 17 August 2022.

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

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**Seth L. Sherman**, Daniel Hogan, Major Benjamin Burch, Joseph Rund, Richard Ma, Aaron Gray, John Welsh, Taylor Ray, Derek Geeslin. Comparison of Bone-Patella Tendon-Bone and Quadriceps Tendon Autograft for ACL Reconstruction at Twelve Month Follow-Up. 2020, Jul 31. doi: [10.1177/2325967120S00492](https://doi.org/10.1177/2325967120S00492)

**Seth L. Sherman, MD** and Daniel Curtis, MD. MPFL reconstruction has similar outcomes in skeletally mature, immature pediatric patients. Healio Orthopaedics. 2021 July 12.

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AOSSM SMU Summer 2021: *Knee Osteotomy*

Andrew S. Gudeman, MD, Jack Farr, MD, Iain R. Murray, FRCS, PhD, **Seth L. Sherman, MD**. Minimize waste of fresh cartilage graft tissue during the COVID-19 pandemic. Healio Orthopaedics. 2021 Feb 16.

Patient Specific Osteotomy – The Future is Now. Adam Money, Matthieu Ollivier, **Seth L. Sherman**. ICRS “NextGen” Corner Newsletter.

*Orthopaedics Today* Commentary on “Patellofemoral cartilage degeneration after closed- and open-wedge high tibial osteotomy with large alignment correction”. 10/27/2020

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

The Sports Agent Blog: Interview on career development

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

ICRS Newsletter: *ICRS NextGen Committee* Fall 2019

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

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

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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*

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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*  
9/15/2022



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Helios Patellofemoral Blog: *RTP following Patella Instability*

Ultramax Blog Posts: TriZou 2017

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*Train Like an Athlete*

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

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

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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.

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)

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

(\* denotes presentation by co-investigator)

6/2023 Kaiser Permanente Dale Daniels Symposium

Visiting Professor Podium: Emerging Techniques in Tibial Tubercle Osteotomy

6/2023 ISAKOS Biennial Meeting Boston, MA

Podium: Lateral Meniscus Repair

Poster: Tibial Spine Fixation

ICL Chair: Osteotomy for Patellofemoral Conditions  
Symposium Chair: Patellofemoral Foundation Highlights  
Industry Spotlight: ConMed MPFL Indications, Technique, and When to do more  
Industry Spotlight: ConMed Revision ACL Tips and Tricks

5/21/2023: Herodicus Society Gulf Shore, Alabama

Presenter: Lecture: Early Experience With a Novel Multi-Direction Tibial Tubercle Transfer System for Tibial Tubercle Osteotomy: A Prospective Cohort Study  
Moderator: Session IV: Hip

5/4/2023: AANA New Orleans

ICL: Considerations and Challenges in Revision Anterior Cruciate Ligament Reconstruction  
ICL: Joint Preservation Techniques for the Knee in 2023: The Utility of Biologics, Osteotomies and Cartilage Restoration Procedures  
\*Podium: Agili- C Outcomes (Zaslav)  
\*Poster- MAT Spin (Gulbransen)

5/2023 SBOT Meeting Curitiba, Brazil (via zoom)

Podium: Patellofemoral Joint Preservation

5/6/2023: Biologic Association Meeting New Orleans

Moderator: Orthobiologics in Clinical Practice: Knee  
Panelist: Patellar Tendinopathy

4/28/2023 Birmingham Patellofemoral Masterclass Birmingham, UK (via zoom)

Podium: TTO for Early Degenerative Changes

4/2023 Visiting Professor for Fellow Research Day at Mississippi Sports Medicine

Presentation : Adventures in Patellofemoral Joint Preservation

3/13/2023 Winglet presents: Orthopedic Film Festival

Presentation: Evolving Techniques in Tibial Tubercle Osteotomy

3/2023: AAOS Las Vegas

Event Title: Considerations and Challenges in Revision Anterior Cruciate Ligament Reconstruction  
Event Type: ICL 1.5-Hours  
Event Time: 1:30 PM - 3:00 PM  
Moderator 1: Aman Dhawan, MD,FAAOS

Event Title: Diagnosis and Management of Patellofemoral Cartilage Injuries  
Event Type: ICL 1.5-Hours  
Event Time: 8:00 AM - 9:30 AM  
Moderator 1: Drew Lansdown, MD,FAAOS

Event Title: Annual Meeting Highlights  
Event Type: Symposium  
Event Time: 11:00 AM - 12:30 PM  
Moderator 1: Julie E. Adams, MD,FAAOS  
Moderator 2: Rafael J. Sierra, MD,FAAOS

Event Title: Surgical Techniques for Patellar Instability  
Event Type: Technical Skills  
Event Day: Friday, March 10  
Event Time: 11:00 AM - 12:30 PM  
Moderator 1: Shital N. Parikh, MD,FAAOS

Event Title: AANA/BA Specialty Society Program  
Event Type: Specialty Program - AANA  
Event Day: Saturday, March 11  
Event Time: 7:00 AM - 3:35 PM  
Moderator 1: Scott A. Rodeo, MD,FAAOS  
Moderator 2: Michael J. O'Brien, MD,FAAOS

2/10/2023-2/14/2023: Orthopaedic Research Society 2023 Annual Meeting

Poster Presentation: Investigating The Efficacy Of Repare® Compression Sleeves In Alleviating Tendinopathy: An In Vivo Study

Authors: Jordan Xavier; Rhea Rasquinha; Henintsoa Fanjaniania; Hudson Liang; Daniel Grande; James Paci; **Seth Sherman**; Kenneth Zaslav

1/2023 ACL Study Group St. Kitts

Presentation: Biennial ACLSG Survey Data

Presentation: VJSM Project

Panel Discussion: Osteotomy in ACL Reconstruction

1/22/2023 AAOS/AANA/AOSSM Sports Medicine Course Park City, UT

Faculty Presentation: OCD, Patella Instability

Panel Discussion: Knee Joint Preservation

Industry Talk: MACI

1/17/2023 AO Principles of Sports Medicine San Diego

Course Co-Chair

Presentation: Team Physician Roles and Responsibilities

12/4/2022 Canadian Orthopedic Meeting St. Pete, FL

Keynote Speaker: Adventures in Patellofemoral Joint Preservation

11/16/2022 ICRS Summit Miami, FL

Podium: Patellofemoral Cartilage Concomitant Procedures

Podium: TTO Technique

10/14/2022: Notre Dame Orthopaedic Alumni Meeting

Adventures in Patellofemoral Preservation

9/21/2022: OSET Boston, MA

Case Panel: Clinical Case Presentations With Questions & Answers: ACL Revision, Return To Play, Complications, & Multi-Ligament Cases

Section Moderator: THE MENISCUS: DEFINITIVE ANSWERS IN 2022

Pro: Allograft Extracellular Matrix Is The Clear Winner

9/15/2022

Pro: Off The Shelf Osteochondral Allograft, Why Not?!?

Case Panel Moderator: Clinical Case Presentations With Questions & Answers: Rapid Fire Answers, Yes/No Explanations, Putting The Faculty On The Spot: Everything Cartilage

Presenter: Evolving Technique Update: 2022 Tibial Tubercle Osteotomy Indications: When Do You Really Need To Do This Procedure For Pain Relief & Resolution Of Instability?

Case Panel: Clinical Case Presentations With Questions & Answers: Patellofemoral 'Potpourri': From Simple To Complex Instability

8/2022: Extremity War Injury Symposium  
Surface Based Cartilage Repair

8/2022 AO Principles of Sports Medicine Denver, CO  
Course Co-Chair

7/2022 AOSSM Fellow's Course  
Faculty Panelist: "Ask Me Anything"  
Laboratory Faculty

37th Stanford Medical Student Research Symposium  
Podium Presentation: Biomechanical Forces After Posterior Root Tear and Transosseous Suture Repair in Pediatric Cadavers  
Presented by: Anshal Gupta  
Citation: Anshal Gupta MTM<sup>1</sup>, Mark Sanchez BS<sup>1</sup>, Hunter W. Storaci MS<sup>1</sup>, Matthew S. Rohde BS<sup>1</sup>, Kevin G. Shea MD<sup>1</sup>, **Seth L. Sherman MD<sup>1</sup>**

AANA 2022 Annual Meeting Session/ICL, San Francisco, California  
Faculty: Session Title – Patellofemoral Joint Update. Individual Presentation – Managing Patellofemoral Effects and Chondrosis in Young Patients  
Moderator: Session Title – Patellofemoral Joint Update. Individual Presentation – Controversies in Patellofemoral Surgery - Where Do You Stand?  
Faculty: Session Title – So You've Mastered MPFL Reconstruction: What Else to Add, and When?  
Faculty: Session Title – Treating the Younger Degenerative Knee from Osteotomy to Arthroplasty

ESSKA 2022 Annual Meeting, Paris, France  
Podium Presentation: Return to American Football after ACL Injury  
Moderator: How to Optimize ACL Revision Surgery  
Industry (ConMed) Presentation: Infinity Options for ACL Reconstruction  
Industry (ConMed) Presentation: VRthroscopy for ACL Reconstruction

ICRS 2022 Meeting, Berlin, Germany  
Podium Presentation: Presence of Mild-Moderate Knee Osteoarthritis does not affect the Clinical Outcome using an Aragonite-based Implant  
Podium Presentation: Risk for Failure After Index Osteochondral Allograft Transplantation: An Analysis of 1428 Cases

E-Poster Presentation: Risk of Severe Acute Localized Reactions for Different Intra-articular Hyaluronic Acid Knee Injections in a Real-World Setting  
E-Poster Presentation: Surgical Outcomes of Autologous Chondrocyte Implantation versus Osteochondral Allograft in Pediatric Patients  
E-Poster Presentation: Biomechanical Forces of the Lateral Knee Joint Following Complete Meniscectomy and Subsequent Meniscal Transplant in Pediatric Cadavers

AAOS 2022 Annual Meeting, Chicago, Illinois

Podium Presentation (Anshal Gupta\*): Biomechanical Forces of the Lateral Knee Joint Following Complete Meniscectomy and Subsequent Meniscal Transplant in Pediatric Cadavers

Moderator/Podium Presentation: A Case-Based Approach for Meniscus Repair and Replacement: Reconsidering Indications, Techniques, and Biologic Augmentation

Podium Presentation: Horizontal Cleavage Meniscus Repair

ICL Faculty: Considerations and Challenges in Revision Anterior Cruciate Ligament Reconstruction-

Podium Presentation: Osteotomy for Failed ACL Reconstruction

AANA/RJOS Specialty Day

Podium Presentation: Ramp it-up- Treat the Unstable Ramp Lesion

Annual Meeting Highlights Session

Podium Presentation: Sports Medicine Highlights

Ortho-Dome Sports Medicine Session:

Podium Presentation: Innovation in Tibial Tubercle Osteotomy (MD3T Technique)

Symposium: Surgical Treatment of Patellar Instability

Podium Presentation: Tibial Tubercle Osteotomy

ISAKOS 2021 Global Congress November 2021 (virtual meeting due to COVID-19)

Chair: On Demand Knee Session. Instructional Course Lecture- Patellofemoral Cartilage Defects: The ISAKOS Perspective

Chair: On Demand Knee Session. Symposium- Case Based Approach to Knee Joint Preservation and Cartilage Restoration

Faculty: On Demand Knee Session. Symposium- Pediatric Knee Surgery: Current Concepts and Controversies

Author: Paper Presentations. Paper- High Specialization Among Female Youth Soccer Players is Associated with an Increased Likelihood of Serious Injury: A Cross-Sectional Study of Youth, College, and Professional Soccer Athletes

Author: Paper Presentations. Paper- Risk Factors for Hip Fracture and Dislocation Following Arthroscopic Femoroacetabular Impingement Surgery

Author: Paper Presentations. Paper- Postoperative Complications of Intra-Operative Platelet Rich Plasma in Hip Arthroscopy

Author: Paper Presentations. Paper- Performing a Concomitant Tibial Tubercle Osteotomy During Primary Medical Patellofemoral Ligament Reconstruction Does Not Lead to Increased Post-Operative Complication Rates

American Shoulder and Elbow (ASES) Foundation Meeting, San Francisco, California, September 2021.

Podium:

Cinque ME, LaPrade CM, Abrams GD, Sherman SL, Safran MR, Freehill MT. Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers Does Not Decrease Spin Rate.

SBOT Brazilian Society 2021(virtual meeting due to COVID-19)

Guest Lecture:

Patellofemoral Cartilage Restoration

PAC-12 Annual Meeting 2021(virtual meeting due to COVID-19)

Invited Lecture:

Cartilage Restoration in the Athlete

California Orthopedic Association Annual Meeting 2021 (virtual meeting due to COVID-19)

Lecture:

Management of Patellar Dislocation

Moderator:

MACI for Cartilage Restoration

British Patellofemoral Society 2021 (virtual meeting due to COVID-19)

Podium Presentation(s):

Osteochondral Allografts

Outcomes of Cartilage Restoration

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 (Physeal 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, Sherman SL, Cook JL.

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

Poster Presentation: 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)

\*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

9/15/2022

Poster Presentation: 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

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

\*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, 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.*

Herodicus 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.*

Herodicus 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, 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, 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/Webinars Instructed

4/2023 Arthrex WOTIF: Meniscus Root Repair  
3/18/2023 ISMF Course Chair and TTO laboratory demo  
12/8/2022 ISAKOS Sports Medicine Webinar Moderator: Injury Prevention  
10/11/2022 Repareel Webinar: How Repareel sleeves were observed to induce histologic changes that reduce inflammation and promote healing  
9/27/2022 Winglet Original: Patellofemoral Pain “To Operate or Not to Operate”  
8/2022 AAOS Podcast: Knee Joint Preservation  
7/2022 AMECRA Patellofemoral Presentation  
7/10/2022 Vail Fellow’s Lab: TTO and PF arthroplasty  
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)

9/15/2022

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|--------------------|--------------------------------------------------------------------------------------|
| 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)                |
| 9/15/2022          |                                                                                      |

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| Aug 2013           | 12 <sup>th</sup> Annual South East Trauma Symposium (Invited Lecturer)<br>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<br>Naples, FL (Participant)                                           |
| 2/4/2012           | Rush Hip Arthroscopy Course for Residents/Fellows (Invited instructor)                                                          |
| 12/8/2011          | Depuy Cadaver Training: CAIS vs. Microfrx<br>Boston, MA                                                                         |
| 7/23/2011          | Rush Shoulder Surgical Skills Course for Residents (Instructor)<br>Chicago, IL                                                  |
| 6/9 – 6/12/2011    | AANA Junior Resident Shoulder and Knee Course (Instructor)<br>Chicago, IL                                                       |
| 4/23/2011          | Rush Knee Surgical Skills Course for Residents (Instructor)<br>Chicago, IL                                                      |
| 3/16 – 3/20/2011   | Smith and Nephew Hip Arthroscopy Course<br>Vail, CO (Participant)                                                               |
| 2/5/2011           | Rush Hip Surgical Skills Course for Residents (Instructor)<br>Chicago, IL                                                       |
| 1/22/2011          | Rush Shoulder Surgical Skills Course for Residents (Instructor)<br>Chicago, IL                                                  |
| 1/14 – 1/16/2011   | Annual Articular Cartilage and Hip Arthroscopy Course for Fellows<br>Carlsbad, CA (Participant)                                 |
| 11/19 – 11/20/2011 | Tornier Shoulder Arthroplasty Course<br>Dallas, TX (Participant)                                                                |
| 10/23/2011         | Rush Knee Surgical Skills Course for Residents (Instructor)<br>Chicago, IL                                                      |
| 9/12 – 9/14/2010   | Smith and Nephew Fellow Course<br>Andover, MA (Participant)                                                                     |
| 8/27 – 8/29/2010   | AANA Master's Experience- Knee Cartilage<br>Orthopaedic Learning Center, Rosemont, IL                                           |
| 2009               | AO Foundation Basic Fracture Course<br>Houston, TX (Participant)                                                                |

### Local Teaching Lectures/Conferences/Workshops:

#### *Stanford*

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Summer 2023      | Resident Arthroscopy Lab                               |
| 4/2023           | Monday Sports Conference: Team MD (host)               |
| 3/20/2023        | Local host to Singapore physician contingent           |
| 3/2023           | Resident Research Day Chair                            |
| 3/2/2023         | M1 and M2 Musculoskeletal Physical Examination Session |
| 3/1/2023         | CORE Resident Lecture: Osteochondral Procedures        |
| 12/6/2022        | CORE Resident Lecture: Meniscus                        |
| 11/1/2022        | Sports Conference: Meniscus Preservation Talk          |
| 10/18/2022       | Resident/Fellow Journal Club: Patellofemoral           |
| <b>9/15/2022</b> |                                                        |

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| 8/30/2022   | Stanford Primary Care Orthopedic Examination CME Talk                |
| Summer 2022 | Resident Arthroscopy Laboratory                                      |
| 8/30/2022   | Primary Care Talk: Orthopaedic Knee and Shoulder Examination         |
| 8/12/2022   | Biodesign Wu Tsai Fellow Talk: Innovation and Collaboration          |
| 6/2022      | Stanford Orthopedic Disputation Day : Disputant                      |
| 2/2022      | Master of Science PA Course Guest Lecture: Knee                      |
| 2/2022      | M1 and M2 Musculoskeletal Physical Examination Session               |
| 11/24/2021  | Resident CORE Lecture: Knee OCD                                      |
| 11/11/2021  | Ortho Interest Group Faculty Meet and Greet                          |
| 11/2/2021   | Tuesday Morning Sports Conference: Meniscus Preservation             |
| 10/6/2021   | Stanford Orthopedic Grand Rounds: Tibial Tubercle Osteotomy          |
| 2/19/2021   | Master of Science PA Course Guest Lecture: Knee                      |
| 2/2/2021    | M3 Advanced Clinical Skill Course (preceptor)                        |
| 1/13/2021   | Resident Core Lecture: Knee Cartilage Restoration                    |
| 1/11/2021   | Monday Sports Conference: Arthroscopy/MRI correlation                |
| 2021        | Ortho 270 Course: Student project evaluator                          |
| 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 |
| 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                               |
| 9/15/2022  |                                                        |

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  
 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  
 9/15/2022



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  
 9/15/2022

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: *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 MUltiMed 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  
2006

*Viscosupplementation for the treatment of knee OA.* Sports Core Conference.  
*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

A handwritten signature in black ink, appearing to be 'HSS', with a long horizontal flourish extending to the right.

05 January 2024