

James Bicos, MD

Hospital Address

Beaumont Hospital
3601 West Thirteen Mile Road
Royal Oak, MI 48073
Orthopaedic Administration
3535 West Thirteen Mile Road, Suite 744
Royal Oak, MI 48073

Medical Office Address

Michigan Orthopedic Surgeons:
Performance Orthopedics
24255 W. 13 Mile Road, Suite 100
Bingham Farms, MI 48025
(248) 988-8085
Email: jbicos@yahoo.com

EDUCATION AND TRAINING

- 9/1991 – 6/1995 Undergraduate -- Northwestern University, Evanston, IL; Bachelor of Science, Biomedical Engineering
- 6/1995 – 6/1999 Medical School – Rush Medical College, Chicago, IL; Doctor of Medicine
- 6/1999 – 6/2000 Internship – Rush University Medical Center, Chicago, IL; General Surgery
- 6/2000 – 6/2004 Residency – Rush University Medical Center, Chicago, IL; Orthopedic Surgery
- 6/2004 – 6/2005 Fellowship – University of Connecticut, Farmington, CT; Orthopedic Sports Medicine

LICENSURES AND CERTIFICATIONS

1. 1999, Illinois, #125-039710
2. 2004, Connecticut, #042287
3. 2005, Indiana, #01060575A
4. 2007, American Board of Orthopedic Surgery, Expires 2024
5. 2012, Michigan, #4301101981

PROFESSIONAL, ACADEMIC, ADMINISTRATIVE, CLINICAL POSITIONS

Academic Positions

- 11/2012 – Present Orthopedic Staff, Department of Orthopedics, William Beaumont Hospital, Royal Oak, MI
- 10/2014 – Present Assistant Professor, Oakland University William Beaumont School of Medicine, Rochester, MI
- 11/2015 – 12/2016 Co-Director, William Beaumont Sports Medicine Fellowship, Royal Oak, MI

1/2017 – Present Director, William Beaumont Sports Medicine Fellowship, Royal Oak, MI

Administrative Positions

1/2007 – 10/2012 Medical Executive Committee, St. Vincent Medical Center, Indianapolis, IN

10/2012 – Present Board of Directors, Michigan Orthopedic Society

10/2013 – Present Clinical Competency Committee/Residency Review Committee, Department of Orthopedics, William Beaumont Hospital, Royal Oak, MI

08/2015 – 08/2018 State of Michigan Council of Delegates for the American Orthopedic Society for Sports Medicine

08/2015 – 08/2019 American Orthopaedic Society for Sports Medicine STOP Sports Injuries Outreach Committee

01/2017 – Present Director, Sports Medicine Fellowship, William Beaumont Hospital, Royal Oak, MI

01/2019 – Present Orthopedic Research Protocol Review Committee, William Beaumont Hospital, Royal Oak, MI

01/2018 – Present Student Research Committee, William Beaumont Hospital, Royal Oak, MI

06/2019 – 06/2020 President, Michigan Orthopedic Society

05/2021 - Present Physician Advisor, Orthopedic Surgery and Sports Medicine Interest Group, Oakland University William Beaumont School of Medicine

Professional Positions

6/2005 – 6/2008 Orthopedic Surgeon, Joint Replacement Surgeons of Indiana, St. Vincent Medical Center, Indianapolis, IN

6/2008 – 10/2012 Orthopedic Surgeon, St. Vincent Orthopedics, St. Vincent Medical Center, Indianapolis, IN

11/2012 – Present Orthopedic Surgeon, Michigan Orthopedic Surgeons -- Performance Orthopedics, Bingham Farms, MI

CONSULTING

1/2010 – Present Orthopedic Surgical and Research Consultant, Biomet, Inc.
6/2014 – 1/2016 Orthopedic Consultant, Bellevue Pharmacy
3/2016 – Present Orthopedic Consultant, Smith and Nephew, Inc
6/2016 – Present Orthopedic Consultant, Vericel, Inc

PROFESSIONAL MEMBERSHIPS

1/2004 Arthroscopy Association of North America
1/2005 American Orthopedic Society for Sports Medicine
1/2006 Indiana State Medical Association
1/2006 Indianapolis Medical Society
1/2007 International Cartilage Repair Society
1/2008 American Academy of Orthopedic Surgeons, Fellow Member
12/2012 Michigan Orthopedic Society

AWARDS AND HONORS

1991 Alpha Lambda Delta Honor Society, Northwestern University
1991 – 1995 Hellenic American Student Union, Northwestern University
• President 1993 – 1994
1994 National Collegiate Engineering Award, Northwestern University
1994 Tau Beta Pi Engineering Honor Society Member, Northwestern University
• Secretary 1994 – 1995
• Member of Initiation Committee 1995 National Convention
• Coordinated 4th Annual Northwestern University Engineering Design Competition
1994 Golden Key National Honor Society, Northwestern University
1994 National Dean's List, Northwestern University
1997 Hellenic Medical Society Scholarship
1998 Sigma Xi Outstanding Scientific Poster Presentation, Rush Medical College
1998 Alpha Omega Alpha Member, Rush Medical College
1998 – 1999 Teaching Fellowship Program Volunteer, Rush Medical College
2000 Surgical Intern of the Year, Rush Presbyterian St. Luke's Medical Center
2001 – 2004 Chicago Intramural Football League

2004 – 2005 Team Physician, Trinity College Athletic Department, Hartford, CT

2004 – 2005 Team Physician, Hartford Wolfpack, Professional Hockey League (AHL)

2005 – 2012 Team Physician, University High School, Carmel, IN

2006 – 2012 Team Physician, International High School, Indianapolis, IN

2006 – 2012 Team Physician, Park Tudor High School, Indianapolis, IN

2006 – 2011 Men’s and Women’s Big Ten Basketball Tournament Orthopedic Head Physician

2006 – 2015 Orthopedic Team Staff Physician USA Gymnastics

2009 - 2012 Consulting Orthopedic Physician USA Diving

2009 - 2012 Consulting Orthopedic Physician USA Track and Field

2009 Team Physician USA Gymnastics Worlds Championships, London, England

2010 Team Physician USA Gymnastics Worlds Championships, Rotterdam

2010 United States Olympic Center, Sports Medicine Volunteer Program, Colorado

2011 Team Physician Orthopedics USA, Pan Am Games, Guadalajara, Mexico

2012 USA Gymnastics National Orthopedic Team Physician, Visa Championships, St. Louis, MO

2012 USA Gymnastics National Orthopedic Team Physician, Olympic Trials, San Jose, CA

2012 Named 2012 Top 10 Sports Surgeon on Sports Illustrated

2012 USA Gymnastics Kellogg’s Tour Orthopedic Physician, Detroit, MI

2012 Named US News and World Report Top Docs 2012

2012 - 2015 Team Physician Groves High School, Bingham Farms, MI

2012 - 2015 Team Physician Oakland University, Rochester Hills, MI

2016 - 2016 Team Physician Rochester College, Rochester, MI

2019 Yousif MJ, **Bicos J**: Biomechanical Comparison of Single- Versus Double-Row Capsulolabral Repair for Shoulder Instability: A simple review. *The Orthopaedic Journal of Sports Medicine*. Winner 2019 American Osteopathic Academy of Orthopedics 3rd Place Award for Best Paper in Shoulder and Elbow.

PUBLICATIONS

Bicos J, Nicholson GP: Treatment and results of sternoclavicular joint injuries. *Clinics in Sports Medicine* 22(2):359-70, April 2003.

Bicos J, Cole BJ: Commentary on long-term follow-up of fresh femoral osteochondral allografts for posttraumatic knee defects. *Orthopedic Symposium: Management of Chondral Injury and Meniscus Transplantation* 1:30-32, 2003.

DeWald CJ, **Bicos J**: Thoracolumbar anterior strut fusion techniques following corpectomy for trauma. In *Fractures of the Cervical, Thoracic, and Lumbar Spine*, Chapter 42, 589-608. Edited by Vaccaro AR, New York, Marcel Dekker, Inc, 2003.

Bicos J, Mazzocca AD, Romeo AA: The glenoid center line: A cadaveric analysis for defining a consistent anatomical relationship for glenoid surface orientation. *Orthopedics* 28(6):581-585, 2005.

Mazzocca AD, Rios CG, Santangelo SA, **Bicos J**, Adams DJ, Romeo AA, Arciero RA: The Proximal Biceps Tendon: Pathology and Fixation. *Spezialgebiete aus der Schulter und Ellenbogenchirurgie*. Eds Schmidt-Wiethoff, R, Schneider T, and Appell H. pp 166-171, 2004.

Mazzocca AD, **Bicos J**, Romeo AA, Cohen MA, Nicholson GP, Arciero RA: Repair of Distal Biceps Tendon Ruptures Using a Combined Anatomic Interference Screw and Cortical Button. *Techniques in Shoulder and Elbow Surgery* 6(2):108-115, 2005.

Mazzocca AD, **Bicos J**, Santangelo S, Romeo AA, Arciero RA: The biomechanical evaluation of interference screw fixation for proximal biceps tenodesis. *Arthroscopy*, 21(11):1296-1306, 2005.

Bicos J, Mazzocca AD, Arciero RA: Anterior Instability of the Shoulder. In *Orthopaedic Surgery Essentials: Sports Medicine*, pp. 214-230. Edited by Anthony Schepsis, M.D. and Brian Busconi, M.D., Philadelphia, Lippincott Williams and Wilkins, 2006.

Mazzocca AD, **Bicos J**, Romeo AA, Arciero RA: Repair of distal biceps tendon ruptures. In *Surgical Techniques in Sports Medicine*, Chapter 25. Edited by Neal S. ElAttrache and Christopher D. Harner, Philadelphia, Lippincott Williams and Wilkins, 2006

Bicos J, Arciero RA: A comprehensive review and a new technique for reconstruction of posterolateral corner instability of the knee. *Sports Medicine and Arthroscopy Review* 14(1):28-36, 2006.

Bicos J, Mazzocca AD, Hallab N, Santangelo S, Bach BR: The multi-suture technique for rotator cuff repair: A biomechanical evaluation. *Orthopaedics* 30(11):910-919, 2007.

Bicos J, Carofino B, Andersen M, Schepsis A, Fulkerson JP, Mazzocca AD: Patellofemoral forces after medial patellofemoral ligament reconstruction: A biomechanical analysis. *The Journal of Knee Surgery* 19(4): 317-326, 2006.

Mazzocca AD, Arciero RA, **Bicos J**: Evaluation and Treatment of Acromioclavicular Joint Injuries. *American Journal of Sports Medicine* 35(2): 316-329, 2007.

Bicos J, Fulkerson JP, Amis A: Current Concepts Review: The Medial Patellofemoral Ligament. *American Journal of Sports Medicine* 35(3):484-492, 2007.

Nissen CW, Westwell M, Ounpuu S, Patel M, Tate JP, Pierz K, Burns JP, **Bicos J**: Adolescent Baseball Pitching Technique: A Detailed Three-Dimensional Biomechanical Analysis. *Medicine and Science in Sports and Exercise*, 39(8): 1347-1357, 2007.

Bicos J, Fulkerson JP: Indications and technique of tibial tubercle anteromedialization. *Operative Techniques in Orthopaedics* 17:223-233, 2007

Belisle A, **Bicos J**, Geaney L, Andersen MH, Obopilwe E, Rincon L, Morgan C, Caborn DN, Arciero RA: Strain pattern comparison of double- and single-bundle anterior cruciate ligament reconstruction techniques with the native anterior cruciate ligament. *Arthroscopy*, 23(11):1210-1217, 2007.

Fox JA, Cole BJ, Romeo AA, Meininger AK, Glenn RE, **Bicos J**, Hayden JK, Dorow CB: Articular Cartilage Thickness of the Humeral Head: An Anatomic Study. *Orthopaedics* 31: 216, 2008.

Wang RY, Mazzocca AD, **Bicos J**, Arciero RA: Management of the First Time Dislocation in the Athlete. In *The Athlete's Shoulder, 2nd Edition*, Chapter 20, 239-255. Edited by James Andrews, M.D., Philadelphia, Elsevier, Inc., 2009

Bicos J: Biomechanics and anatomy of the proximal biceps tendon. *Sports Medicine and Arthroscopy Review* 16(3):111-117, 2008

Bicos J, Fulkerson JP: Unloading the Patellofemoral Joint for Cartilage Lesions. In *Cartilage Surgery: An Operative Manual*, Chapter 13, 211-232. Edited by Mats Brittberg, M.D., Philadelphia, Elsevier, Inc. 2011

Bicos J, Arciero RA: HAGL: Arthroscopic/Open. In *Masters Techniques in Orthopedic Surgery: Sports Medicine*, Chapter 11, 137-150. Edited by Freddie H. Fu, M.D., Lippincott Williams & Wilkins, Inc. 2009

Bicos J, Arciero RA: Anatomic Reconstruction of the Posterolateral Corner. In *AANA Advanced Knee Arthroscopy*, Chapter 27, 248-259. Edited by Rob Hunter, M.D., Elsevier, Inc. 2010

Bicos J, Arciero RA: Upper Tibial Osteotomy. In *Operative Techniques in Orthopaedic Surgery*, Volume 1, Part 3, Section 3, Chapter 18, 905-917. Edited by Richard Rothman, M.D. and Jay Parvizi, M.D., Philadelphia, Lippincott Williams and Wilkins, 2011

Pomajzl R, Maerz T, Shams C, Guettler J, **Bicos J**: A Review of the Anterolateral Ligament of the Knee: Current Knowledge Regarding Its Incidence, Anatomy, Biomechanics, and Surgical Dissection. *Arthroscopy* 31(3): 583-91, March 2015.

Meneghini RM, Ziemba-Davis M, Smits S, **Bicos J**: Repair of Medial Patellofemoral Ligament Improves Patellar Tracking in Total Knee Replacement. *Surg Technol Int* 27: 275-8, Nov 2015

Yousif MJ, **Bicos J**: Biomechanical Comparison of Single- Versus Double-Row Capsulolabral Repair for Shoulder Instability: A simple review. *The Orthopaedic Journal of Sports Medicine*. In press 2017. Winner 2019 American Osteopathic Academy of Orthopedics 3rd Place Award for Best Paper in Shoulder and Elbow.

Linkous N, Acker WB, **Bicos J**: The Proximal Biceps Tendon And Anterior Shoulder Pain. *Internal Medicine Review* 3(10): October 2017

Osborne J, Luczak SB, Acker W, **Bicos J**: Patellofemoral Joint Contact Pressures: Current Concepts and Utility in Instability Studies. *Journal of Orthopedics*. Accepted pending revisions.

Loy BN, Zimel M, Gowda A, Tooley T, Maerz T, **Bicos J**, Guettler JH: A Biomechanical and Structural Comparison of the Cartilage and Subchondral Bone of the Glenoid and Humeral Head. *The Orthopaedic Journal of Sports Medicine* 6(7), 2325967118785854

Bicos J: Perspective Review on Heterogeneity Seen With In Vivo Instrument-Assisted Patellofemoral Evaluation Methods. *Orthopedics Today Patellofemoral Update*, May 2019

Bicos J: Perspective Review on Knee-focused exercise with patient education did not show significant benefit vs other exercises for patellofemoral pain. *Orthopedics Today Patellofemoral Update*, ****Date 2019

Hinckel BB, Lea JE, **Bicos J**: Tibial Tubercle Osteotomy, in Tanaka MJ, ed *Surgical Insights: Sports Medicine Knee Surgery* [online course]. Rosemont, IL American Academy of Orthopaedic Surgeons, 2020

Bicos J: Perspective Review on Dejour classification may not accurately represent entire trochlear shape in patients with patellar instability. *Orthopedics Today Patellofemoral Update*, Feb 2020

Hinckel, Betina B. MD, PhD, Baumann, Charles A. BS, Ejnisman, Leandro MD, Cavinatto, Leonardo M. MD, Martusiewicz, Alexander MD, Tanaka, Miho J. MD, Tompkins, Marc MD, Sherman, Seth L. MD, Chahla, Jorge A. MD, PhD, Frank, Rachel MD, Yamamoto, Guilherme L. MD, PhD, **Bicos, James MD**, Arendt, Liza MD, Fithian, Donald MD; Farr, Jack MD: Evidence-based Risk Stratification for Sport Medicine Procedures During the COVID-19 Pandemic. *JAAOS: Global Research and Reviews* 4(10), October 2020

Shafer C, **Bicos J**: Contributing Factors to Knee Osteochondritis Dissecans Lesion Instability; Oakland University William Beaumont School of Medicine EMBARK Project, January 2021

CURRENT AND NON-PUBLISHED RESEARCH

Newton M, Hartner S, Mells AJ, Kurdziel M, Maerz T, Davidson A, **Bicos J**, Guettler J, Baker K: Determination of Graft Contact Area in Anterior Cruciate Ligament Reconstruction Using a Micro-Computed Tomography-Based Method

Bicos J, Guettler J, Maerz T, et al: Knee Creations SCP® Observational Cohort Follow-Up Study

Bicos J, Guettler J, Maerz T, et al: MRI Characterization of the Anterolateral Ligament in the Setting of Primary Anterior Cruciate Ligament Tear

Guettler J, **Bicos J**, Maerz T, et al: NeoCart Phase 3 Investigation

Andersen M, Geaney L, **Bicos J**, Belisle A, Rincon L, Obopilwe E, Wyman J, Morgan C, Arciero RA, Mazzocca AD: Observation of in situ continuous strain versus flexion angle in the anterior cruciate ligament.

Bicos J, Shea KP, Arciero RA, Nissen CW, Mazzocca AD: Intra-articular injection of the shoulder: Accuracy of needle placement using the anterior approach without fluoroscopic guidance.

Bicos J, Nissen CW: The biomechanical evaluation of fastball versus curveball pitching on loads about the elbow in adolescent pitchers.

Bicos J, Westwell M, Ounpuu S, Pierz KA, Patel M, Nissen CW: A preliminary examination of the differences in the fastball and curveball techniques with respect to gleno-humeral, elbow and wrist kinematics. Abstract submission to AOSSM Specialty Day 2006.

Belisle A, **Bicos J**, Andersen M, Geaney L, Obopilwe E, Rincon L, Mazzocca AD, Morgan C, Caborn D, Wyman J, Arciero RA: Comparison of static versus continuous strain behavior of the native ACL. Accepted at 2006 AANA Annual Meeting, Hollywood, FL.

Bicos J, Belisle A, Mazzocca AD, Andersen M, Geaney L, Obopilwe E, Rincon L, Morgan C, Caborn D, Wyman J, Arciero RA: Comparison of continuous strain in double bundle ACL reconstructions. Accepted at 2006 AANA Annual Meeting, Hollywood, FL.

Belisle A, **Bicos J**, Mazzocca AD, Andersen M, Geaney L, Obopilwe E, Rincon L, Morgan C, Caborn D, Wyman J, Arciero RA: Comparison of continuous strain in single and double bundle ACL reconstructions. Accepted at 2006 AANA Annual Meeting, Hollywood, FL.

Arciero RA, Belisle A, **Bicos J**, Anderson M, Geaney L, Obopilwe E, Rincon L, Mazzocca AD: Continuous strain analysis of the native anterior cruciate ligament. Accepted at 2007 ISAKOS Meeting, Florence, Italy.

Mazzocca AD, Warren RF, Obopilwe E, Rincon LM, **Bicos J**, Welch T, Rodriguez R, Arciero RA: Surgical management of acromial instability. Accepted at for poster presentation at 2007 ISAKOS Meeting, Florence, Italy.

Nissen CW, Westwell M, Ounpuu S, Pierz KA, Patel M, **Bicos J**: An examination of three dimensional trunk and pelvic coordination during the fast pitch in little league players. Abstract submission to AOSSM Specialty Day 2006.

Mazzocca AD, Warren RF, Santangelo S, **Bicos J**, Arciero RA: Biomechanical analysis of an anatomic reconstruction of the acromioclavicular ligaments to provide increased stability in an unstable injury.

Mazzocca AD, **Bicos J**, Ramakrishnan P, Lim TH, Romeo AA: The biomechanical comparison of interference screw vs. bone tunnel fixation for proximal biceps tenodesis.

- Nominated for Caspari Award and presentation at 2003 4th Biennial ISAKOS Congress
- Accepted for presentation at the 2002 European Society for Shoulder and Elbow Surgery

Bicos J, Craig L, Doshi P, Mui P, Goldstick TK: Total knee arthroplasty instrumentation: An external femoral rotation guide. Senior Biomedical Engineering Design Thesis, Northwestern University, 1995.

- Designed, created, and marketed external femoral rotation guide for use with Zimmer IB/II total knee implant and instrumentation system
- Instrument utilized during total knee arthroplasty at Northwestern Memorial Hospital

PRESENTATIONS and POSTERS

- Bicos J:** When to add osteotomy and what type?; Master Instructor Lecture. Presented at the AANA Patellofemoral and Cartilage Course, Orthopedic Learning Center, Rosemont, IL, September 2019
- Bicos J:** MQTFL Reconstructions vs MPFL: Pros and Cons; Presented at the 11th Annual Detroit Regional Sports Medicine Symposium, The Inn at St. John's, Plymouth, MI, July 2019
- Bicos J:** Are we really putting our kids first?; Presented at 2019 Michigan Orthopedic Society Annual Meeting, Traverse City, MI, July 2019
- Bicos J:** MQTFL Reconstruction: When, Why, and How to do it; Presented at 2019 Michigan Orthopedic Society Annual Meeting, Traverse City, MI, July 2019
- Bicos J:** Moderator, AANA 2019 Annual Meeting, Orlando, FL, May 2019
- Bicos J:** The Contact Shoulder Athlete; Presented at the 10th Annual Detroit Regional Sports Medicine Symposium, Plymouth, MI, July 2018
- Bicos J:** Program Director, Michigan Orthopedic Society Annual Meeting, Mackinac Island, MI, June 2018
- Bicos J:** Program Director, Michigan Orthopedic Society Fall Meeting, Rochester Hills, MI, October 2017
- Bicos J:** Co-Chair with Dr. Joseph Guettler, William Beaumont 3rd Annual Sports Arthroscopy Meeting, Royal Oak, MI, September 2017
- Bicos J:** Instructional Course Lecture 312, AOSSM National Meeting, Toronto, CA July 2017
- Plating Midshaft Clavicle Fractures Is Better Than Pinning
- Bicos J:** Instructional Course Lecture 107, AOSSM National Meeting, Toronto, CA July 2017
- Sports Fractures Unique To Adolescent Athletes
- Bicos J:** 2017 Detroit Regional Sports Medicine Symposium, Detroit, MI, July 2017
- Patellofemoral knee pain made simple
- Bicos J:** 68th National Athletic Trainers Association National Meeting, Houston, Tx, June 2017
- Utilizing Your Team Physician to Optimize Your Athletes
 - Managing labral tears in the contact athlete
- Bicos J:** Beaumont Research Day
- Case Series: Intra-Tendinous Heterotopic Ossification Following Single-Incision Distal Biceps Repair with Combined Suspensory and Interference Screw Fixation, May 2017
 - Acker WB, Bicos J, Guettler JH
- Bicos J:** Michigan Orthopedic Society Annual Meeting Poster, June 2017
- Patellofemoral Joint Contact Pressures: Current Concepts and Utility in Patellar Instability Studies
 - Osborne J, Luczak B, Acker B, Guettler J, Fulkerson J, Bicos J
- Bicos J:** Sports Medicine Trauma. EMS Lecture Series
- Presented at Beaumont EMS Lecture Series, Royal Oak, MI July 2016
- Bicos J:** 2016 Detroit Regional Sports Medicine Symposium, Detroit, MI, July 2016

Bicos J, Nissen CW: The Jumper's Knee Course

- Presented at University of Connecticut Health Center, Farmington, CT, September 2004.
- Anatomical dissection of knee ligaments and relevant structures.

Bicos J, Bach BR: The multi-suture technique for rotator cuff repair: A biomechanical evaluation.

- Presented at 2004 Thesis Day, Rush University Medical Center.

Bicos J, Mazzocca AD, Ramakrishnan P, Lim TH, Romeo AA: The biomechanical comparison of interference screw vs. bone tunnel fixation for proximal biceps tenodesis.

- Presented at 2002 Residents and Fellows Arthroscopy Conference, Useppa Island, FL.

Bicos J, Romeo AA: The in vivo analysis of shoulder motion. Orthopaedic Research Internship, Rush Medical College, 1998.

- Presented at the 1998 Rush University Research Forum.
- Received Sigma Xi Society Outstanding Scientific Poster Presentation Award.
- Abstract accepted at 1998 Seventh International Congress on Surgery of the Shoulder.

INTELLECTUAL PROPERTY/PATENTS

Bicos Meniscal Repair Retractor, Innomed, Inc

TEACHING

2/2013	Associate Master Instructor, AANA Patellofemoral Knee Course, Orthopedic Learning Center, Rosemont, IL
2/2014	Associate Master Instructor, AANA Patellofemoral Knee Course, Orthopedic Learning Center, Rosemont, IL
9/2014	Instructor 2014 Beaumont Sports Medicine Course, Royal Oak, MI
10/2014	Co-program Director Michigan Orthopedic Society Fall Meeting, St. John's Conference Center, Plymouth, MI
5/2019	Moderator, AANA 2019 Annual Meeting, Orlando, FL

9/2019

Master Faculty and Moderator, Surgical Demonstrations:
Patellofemoral Cartilage Restoration and Patellofemoral
Arthroplasty, Rosemon, IL

SERVICE

1/2009 – Present

American Journal of Sports Medicine Manuscript Reviewer