

DAVID C. FLANIGAN, MD

The Ohio State University Wexner Medical Center
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EDUCATION

- Fellowship: University of Wisconsin Sports Medicine Fellowship
Madison, WI August 2003-July 2004
- Residency: McGaw Medical Center of Northwestern University, Chicago, IL
Northwestern Memorial Hospital, Orthopaedic Surgery resident, 1999-2003
- Residency: McGaw Medical Center of Northwestern University, Chicago, IL
Northwestern Memorial Hospital, General Surgery Resident, 1998-1999
- Medical School: University of Iowa College of Medicine, Iowa City, IA
Doctor of Medicine, May 1998
- Undergraduate: Wheaton College, Wheaton, IL
Bachelor of Science, Biology Major, May 1994 (Magna Cum Laude)

CERTIFICATION

Board Certified, American Board of Orthopaedic Surgery, July 2007 – Current
Board Certified Subspecialty, American Board of Orthopaedic Surgery,
Sports Medicine, 2010 – Current

GRANTS & RESEARCH FUNDING

1. **Flanigan DC**, Kaeding C. “Prospective, multi-center, single arm, pilot study to evaluate symptom relief in subjects with medial knee osteoarthritis treated with the AtlasTM knee system for load reduction”. Moximed Corp, \$14,490.00, 2016-current
2. Magnussen RA, **Flanigan DC**, Kaeding C. “A multicenter, double-blind, randomized, saline-controlled study of a single intra-articular injection of autologous protein solution in patients with knee osteoarthritis”. \$6,300.00, Zimmer Biomet, 2016-current
3. Magnussen RA, **Flanigan DC**. “Prospective MPFL cohort study”. University of Minnesota, \$3,225.00, 2016-current

4. **Flanigan DC**, Borchers JR, Kaeding C, Magnussen RA. “An investigation of ReNu knee injection: Monitoring the response of knee function and pain in patients with osteoarthritis“. NuTech Medical, \$26,733.70, 2016-2017
5. **Flanigan DC**, Hewett TE. “A phase 3 prospective randomized, partially blinded multi-center study to measure the safety and efficacy of NOVOCART 3D, compared to microfracture in the treatment of articular cartilage defects“. Aesculap, \$56,413.18, 2015- current
6. **Flanigan DC**, Kaeding C, Magnussen RA. “A prospective, non-randomized, multi-center investigation of all-suture-based repair of horizontal meniscal tears (STITCH study)“. Ceterix Orthopedics, \$12,003.90, 2015-current
7. **Flanigan DC**, Hewett TE, Kaeding C, Magnussen RA. “A prospective, double blinded, multi-center, randomized, controlled trial to evaluate mechanical debridement vs. radiofrequency-based debridement in the treatment of articular cartilage lesions“. Smith & Nephew, Inc. \$55,413.18, 2015-2017
8. **Flanigan DC**, Hewett TE. “A randomized comparison of NeoCart (R) to microfracture for the repair of articular cartilage injuries in the knee“. Histogenics, \$430,152.08, 2014-2016
9. **Flanigan DC**, Hewett TE. “Allograft medial patellofemoral allograft reconstruction: evaluation of peroneal longus and semitendinosis allografts“. Musculoskeletal Tissue Foundation, \$17,262.00, 2015-current
10. **Flanigan DC**. “Smith & Nephew’s Endoscopy Fellowship Support Program“. Smith & Nephew, \$30,000.00, 2012-2013
11. Kaeding C, **Flanigan DC**. “A randomized, double-blind, parallel group, vehicle-controlled study to evaluate the safety and efficacy of OMS103HP-S administered in joint irrigation solution to subjects undergoing arthroscopic meniscectomy“. OMEROS Corp, \$56,708.30, 2011-2013
12. **Flanigan DC**. “Biomechanics and Subject-Specific Modeling of Individuals with Symptomatic Focal Chondral Defects“. OSU Sports Health & Performance Institute, \$15,000.00, 2011–2013
13. **Flanigan DC**. “Pivotal, adaptive Phase III randomized controlled trial to evaluate the efficacy of a neocartilage implant in the management of ICRS grade 3 to 4 articular cartilage lesions of the knee“. Zimmer, Inc, \$6,085.20, 2011-2013
14. **Flanigan DC**, Siston RA. “Radial Distribution of Chondrocyte Cell Death in Medial and Lateral Femoral Condyles in Porcine Knees After Sub-Impact Loading“. Arthroscopy Association of North America, \$25,000.00, 2011-2012

15. **Flanigan DC**, Siston R, Chaudhari A, Knopp M, Gurcan M, Jia G. "Effect of Season and Level of Play on Articular Cartilage Health in Collegiate Linemen". NFL Charities, \$100,000.00, 2011–2012
16. **Flanigan DC**. "Smith & Nephew's Endoscopy Fellowship Support Program". Smith & Nephew, \$30,000.00, 2011-2012
17. **Flanigan DC**. "Cartilage CME/Symposium Events". Genzyme Corp, \$10,150.00, 2011
18. **Flanigan DC**, Kaeding C. "Double-Blind, Multi-center Phase 3 Study Comparing the Efficacy and Safety of OMS 103HP with Vehicle in Patients Undergoing Autograft ACL Reconstruction". OMEROS Corp, \$113,408.00, 2008 – 2010
19. Kaeding C, **Flanigan DC**. "Prognosis and predictors of ACL reconstruction: A multicenter cohort study". Vanderbilt University, \$176,478.00, 2010-current
20. **Flanigan DC**, Siston RA. "Surgical Navigation for Cartilage Repair". OSU Sports Medicine Internal Award, \$7,000.00, 2010
21. Siston RA, **Flanigan DC**. "The Effects of Normal and Shear Stresses on Chondrocyte Death". OSU Sports Medicine Internal Award, \$5000.00, 2010
22. **Flanigan DC**. "A multicenter, randomized, pivotal study to evaluate the safety and efficacy of the cartilage autograft implantation system (CAIS) for the surgical repair of articular cartilage". \$13,621.13, Depuy Inc, 2009-2012
23. **Flanigan DC**. "Evaluation of the composite of cancellous and de-mineralized bone plug (CR-Plug) for repair of defects created at the harvest site during the osteochondral autograft transfer system (OATS) procedure". RTI Biologics, Inc, \$11,140.00, 2008-2012
24. Bertone A, **Flanigan DC**. "Comparative Quantitative In Vivo Imaging of Long-term Cartilage Repair". OSU Sports Medicine Intramural Grant, \$25,000.00, 2009–2011
25. Bertone A, **Flanigan DC**. "In Vivo MRI Assessment of Genetically Engineered Cartilage". OSU Sports Medicine Intramural Grant, \$24,858.00, 2008–2010

CONSULTING

1. SMITH & NEPHEW
2. DEPUY MITEK
3. CONMED LINVATEC MTF
4. VERICEL
5. ZIMMER

6. MOXIMED
7. KCRN
8. HYALEX

HONORS & AWARDS

1. **Herodicus Society: Inducted as Member 2021**
2. **AOA Top Poster Award 2020**
“Different Meniscus Repair Implants Create Differing Micro-Tear Patterns”
3. **ACL Study Group: Inducted as Member 2019**
4. **AANA Resident/Fellow Whit Ewing Award 2019**
“The Risk of Extrusion: Insights on Meniscus Tear Patterns from the Osteoarthritis Initiative”, AANA 2019 Annual Meeting, Orlando, Florida May 2019 Senior Author
5. **MAOA Poster Award 2018**
“High Grade Cartilage Defects at the Time of ACL Reconstruction Affect Rehabilitation and Quadriceps Strength”, MAOA Annual Meeting, San Antonio, Texas April 2018
6. **AANA Resident/Fellow Whit Ewing Award 2018**
“Femoral nerve block for ACL reconstruction causes lasting fast quadriceps activation deficits and may increase contralateral injury risk”. AANA 2018 Annual Meeting. Chicago, IL April 2018. Senior Author
7. **AOSSM O’Donoghue Clinical Research Award 2017**
“10 year Outcomes and Risk Factors after ACL reconstruction: A MOON Cohort Study”, Toronto, Ontario, Canada July 2017
8. **AANA Patellofemoral Anatomy Research Excellence Award 2017**
“Allograft verses Autograft for Medial Patellofemoral Ligament Reconstruction” Senior Author, Denver, CO May 2017
9. **AOSSM O’Donoghue Clinical Research Award 2014**
“Revision Anterior Cruciate Ligament Reconstruction Graft Choice Impact on Outcome in the MARS Cohort,” Co-Author multicenter study, Seattle, WA, July 2014
10. **The Ohio State University College of Medicine, Excellence in Teaching Award for Orthopaedics 2016**
11. **The Ohio State University College of Medicine, Excellence in Teaching Award for Orthopaedics 2015**
12. **AOSSM’s National Council of Delegates**
Elected as one of 3 Ohio representatives 2015-current
13. **Alpha Omega Alpha Travel Award 2015-** Mentee, Alex DiBartola won a \$1000 Travel Award, 15th Annual Trainee Research Day, “PCR 16S rDNA analysis of three failed periprosthetic knees demonstrates multi-species biofilms on all components including permanent braided suture”, Ohio State University, April 28, 2015
14. **American Orthopaedic Society for Sports Medicine Traveling Fellowship 2014**
Selected as one of three representatives for the European Tour, April 24 – May 17, 2014.
15. **Arthroscopy Association of North America (AANA) Richard O’Connor Award 2013** Lead and Senior Author, April 25-27, 2013, San Antonio, TX.

- 16. AANA Resident/Fellow Essay Award 2013 – Basic Science**
Senior Author, April 25 – 27, 2013, San Antonio, TX.
- 17. OSU Medical Center Annual Research Day, Best Poster,**
Senior Author April 7, 2011.
- 18. Arthroscopy Association of North America (AANA) Richard O'Connor Award 2010,** Lead and Senior Author, May 22, 2010.
- 19. The Ohio State University College of Medicine, Excellence in Teaching Award for Orthopaedics 2010**
- 20. The Ohio State University, Department of Orthopaedics, Teacher of the Year, 2007**
- 21. University of Wisconsin Orthopaedic Fellows Research Award 2004**
- 22. University of Wisconsin Department of Surgery Research Grant 2004**
- 23. Arthroscopy Association of North America (AANA) - Resident/Fellow Basic Science Research Award 2004**
- 24. General Surgery Intern of the Year 1998-1999**
- 25. Robert J. Joynt Award in Neurology 1997**
- 26. Henry J. Prentiss Award for Superior Achievement in Medical Gross Anatomy 1994**
- 27. Award for Superior Achievement in Medical Histology 1994**
- 28. McClintock Award in Physiology and Biophysics 1994**

ACADEMIC APPOINTMENTS

| | |
|--|----------------|
| Fellowship Director, Orthopedic Sports Medicine | 2019 - Current |
| Professor, Department of Orthopaedics | 2018 - Current |
| Associate Professor, Department of Orthopaedics | 2012 - 2017 |
| Executive Committee Jameson Crane Sports Medicine Institute | 2016 - Current |
| Clinical Competency Committee- OSU Sports Medicine Fellowship | 2015 - Current |
| Program Evaluation Committee- OSU Sports Medicine Fellowship | 2015 - Current |
| Clinical Competency Committee – OSU Orthopedic Residency | 2014 - Current |
| Program Evaluation Committee – OSU Orthopedic Residency | 2014 - Current |
| Portfolio Coach, OSU Medical School | 2014 - Current |
| Associate Program Director, Resident Research, OSU Orthopaedic Residency Program | 2009 - 2015 |
| Director, OSU Cartilage Restoration Program | 2009 - Current |
| Technology Assessment Committee, OSU Medical Center | 2008 - 2012 |
| Resident Research Committee, OSU Department of Orthopaedics | 2007 - 2010 |
| Resident Education Committee, OSU Department of Orthopaedics | 2006 - 2013 |
| Assistant Professor, Department of Orthopaedics, The Ohio State University Medical Center | 2005 – 2011 |
| Alpha Omega Alpha, University of Iowa Chapter, Treasurer | 1997 - 1998 |
| Anatomy Lab Pro-section Instructor, University of Iowa | 1995 |
| Biology Lab Assistant and Instructor, Wheaton College | 1993 - 1994 |

SPORTS COVERAGE

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|---|----------------|
| Team Physician, OSU Department of Athletics Team Coverage: Men's and Woman's Ice Hockey and Volleyball | 2011 - Current |
| Team Physician, OSU Department of Athletics, Team Coverage: Men's Hockey, Volleyball, Swimming, Track & Field, Crew, Pistol | 2005 - 2011 |
| Team/School Physician, Village Academy | 2012 - 2019 |
| Team Physician, Columbus Crusaders | 2008 - Current |
| Lake County Ohio Public Schools Physicals | 2005 |
| Team Physician, Lake County High School | 2004 |
| Director of Sports Medicine, Lake Hospital System | 2004 - 2005 |
| University of Wisconsin Athletic Department Head Team Physician: Wrestling, Crew, Tennis, Golf, Spirit Assistant Team Physician: Football | 2003 - 2004 |
| Chicago Public Schools Physicals | 2000 - 2003 |
| Team Physician, Chicago Public Schools Football Program | 2001 - 2003 |

LOCAL AND REGIONAL LEADERSHIP

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|--|----------------|
| 1. FELLOWSHIP DIRECTOR, Orthopaedic Sports Medicine | 2019 - Current |
| 2. PHYSICIAN LEAD, Jameson Crane Sports Medicine Institute Surgical Skills Lab | 2016 |
| 3. EXECUTIVE COMMITTEE, Jameson Crane Sports Medicine Institute Surgical Skills Lab | 2016 - Current |
| 4. PORTFOLIO COACH, OSU Wexner Medical Center College of Medicine | 2014 - Current |
| 5. CARTILAGE RESTORATION SYMPOSIUM | 2012 |
| 6. DIRECTOR, OSU Cartilage Restoration Program | 2009 - Current |
| 7. CO-DIRECTOR, Resident Research | 2009 - 2015 |

NATIONAL AND INTERNATIONAL LEADERSHIP

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|--|----------------|
| 1. AAOS/AOSSM Review Course Co-Chair (Cancelled due to COVID) | 2020 - 2022 |
| 2. MEMBER, Biologics Alliance | 2019 - Current |
| 3. INSTRUCTOR, AAOSSM/AAOS Orthopedic Sports Medicine Review Course | 2019 |
| 4. INSTRUCTOR, AOSSM/AAOS Orthopedic Sports Medicine Review Course | 2018 |
| 5. MODERATOR, AOSSM Cartilage Session | 2018 |
| 6. Advisory Committee For Cartilage With Histogenics | 2018 |
| 7. HOST, AANA Traveling Fellowship | 2018 |
| 8. ADVISORY PHYSICIAN For Zimmer | 2017 |

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| On International Subchondroplasty | |
| 9. INSTRUCTOR, AOSSM/AOS | 2017 |
| Orthopedic Sports Medicine Review Course | |
| 10. CO-MODERATOR, AOSSM Round Table Session | 2017 |
| 11. AOOS/AOSSM Elected Ohio Representative | 2015 - Current |
| On Council Of Delegates | |
| 12. CO FACULTY, Kentucky Knee Course | MAY 2017 |
| 13. LEAD FACULTY, MTF Knee Course | AUGUST 2017 |
| 14. SPECIAL LECTURE, 26 th Annual Baltimore | 2016 |
| Limb Deformity Pre-Course | |
| 15. KEY OPINION LEADER/ ADVISORY COMMITTEE, | 2016 |
| For Cartilage With Vericel | |
| 16. ADVISORY COMMITTEE, For Cartilage With MTF/Conmed | 2016 |
| 17. AOSSM Traveling European Fellowship | 2014 |
| 18. AOSSM Self-Assessment Exam Committee | 2012-2015 |
| 19. FOUNDER AND HOST, BIG 10 Orthopedic Traveling | 2012- CURRENT |
| Fellow Exchange | |
| 20. FACULTY INSTRUCTOR: AAOS Knee Injuries in Athletes: | April 2012 |
| Getting Patients Back in the Game – Cutting Edge Techniques | |
| 21. FACULTY INSTRUCTOR: AAOS Knee Injuries in Athletes: | April 2010 |
| Getting Patients Back in the Game – Cutting Edge Techniques | |
| 22. CO-FOUNDER, BIG 10 Orthopedic Sports Medicine | 2009 |
| Fellowship Society | |

PROFESSIONAL ACTIVITIES

Executive Team Member

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|---|----------------|
| Jameson Crane Sports Medicine Institute Voting Member | 2016 - Current |
| Jameson Crane Surgical Skills Lab Executive Committee | 2020 - Current |

Membership

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| Herodicus Society | 2021 – Current |
| ACL Study Group | 2019 – Current |
| Magellan Society | 2014 – Current |
| The American Orthopaedic Association | 2013 - Current |
| Fellow, American Academy of Orthopaedic Surgeons | 2009 - Current |
| International Society of Arthroscopy, Knee Surgery and | 2009 – Current |
| Orthopedic Sports Medicine | |
| Mid-American Orthopedic Association | 2009 - Current |
| International Cartilage Repair Society | 2008 – Current |
| Arthroscopy Association of North America | 2004 - Current |
| American Orthopaedic Society of Sports Medicine | 2004 – Current |
| American College of Sports Medicine | 2002 - Current |
| Alpha Omega Alpha | 1997 - Current |

Service

- Reviewer – *American Journal of Sports Medicine*, 2008 – Current
- Reviewer – *MSSE*, 2008 – Current
- Reviewer – *Arthroscopy*, 2008 – Current
- Reviewer – *Orthopedics*, 2009 – Current

NATIONAL COMMITTEE REPRESENTATION

- | | |
|--|-------------------|
| 1. AOSSM Education Committee | 2021 - 2025 |
| 2. AAOS/AOSSM Review Course Co-Chair | 2020 - 2022 |
| 3. AANA Membership Committee | 2019 - Current |
| 4. AOSSM Fellowship Directors Committee | 2019 - Current |
| 5. AOSSM Fellowship Committee | 2017 - Current |
| 6. AAOS/AOSSM Council Of Delegates | 2016 - Current |
| 7. AOSSM Research Committee | 2014 - 2017 |
| 8. AANA Fellowship Committee | 2014 - 2017 |
| 9. AANA Annual Meeting Abstract Reviewer | 2015 |
| 10. AANA Research Committee | 2014 – 2017, 2020 |
| 11. AOSSM Self-Assessment Exam Committee | 2010 - 2014 |

INVITED ACADEMIC LECTURES/EDUCATION

- 1. AANA RESIDENT EDUCATION COURSE 2004**
Clinical Instructor at AANA Resident Course, February 2004
- 2. THE OHIO STATE UNIVERSITY, DEPARTMENT OF ORTHOPEDICS GRAND ROUNDS 2006**
Presented: Meniscus Repair: Current Concepts May 2006
- 3. AOSSM KNEE COURSE 2010**
“AAOS Knee Injuries in Athletes: Getting Patients Back in the Game – Cutting Edge Techniques”, **Flanigan DC** (Instructor) CME Course, April 8-10, 2010, Rosemont, IL.
- 4. THE OHIO STATE UNIVERSITY, DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION GRAND ROUNDS**
Presented: “Current Considerations in Cartilage Restoration”, February 2011
- 5. AOSSM KNEE COURSE 2012**
Presented on PCL injuries, live cadaveric surgical demonstration on MPFL reconstruction, and one of the lab instructors for this meeting
- 6. THE OHIO STATE UNIVERSITY, DEPARTMENT OF FAMILY MEDICINE GRAND ROUNDS**
Presented: “Cartilage Restoration 2012” July 2012
- 7. UPMC-HAMOT INVITED LECTURE AND LAB**
Presented “When to Use Autologous Chondrocyte Implantation: Its Role in the Cartilage Restoration Algorithm” and trained the residents in a lab on the Technique of Autologous Chondrocyte Implantation. Erie, PA March 2011

8. SOUTH POINT HOSPITAL: A CLEVELAND CLINIC HOSPITAL INVITED LECTURE AND LAB

Presented “When Not to Use Microfracture: Using the Full Toolbox in Cartilage Restoration Algorithm” and trained the residents in a lab on the Technique of Autologous Chondrocyte Implantation. Warrensville Heights, OH April 2011

9. UNIVERSITY OF ILLINOIS-CHICAGO INVITED SPORTS GRAND ROUNDS

Invited to give grand rounds and educate the residents. Presented “Cartilage Injury and Treatment Algorithm”, followed by a cadaveric lab instruction on all different techniques in cartilage restoration, Chicago, IL June 2013

10. UNIVERSITY OF IOWA INVITED LECTURE AND LAB

Invited to give a Sports Grand Rounds and educate the residents and fellows. Presented “Cartilage Injury and Treatment Algorithm”, followed by a cadaveric lab instruction on various techniques in cartilage restoration. Iowa City, IA June 2013

11. UPMC SPORTS MEDICINE FELLOWSHIP INVITED LECTURE AND LAB

Invited to give a cartilage lecture and educate the residents and fellows. Presented “Cartilage Injury and Treatment Algorithm”, followed by a cadaveric lab instruction on various techniques in cartilage restoration. Pittsburg, PA April 2013

12. WILLIAM BEAUMONT HOSPITAL INVITED LECTURE AND LAB

Invited to give resident grand rounds lecture and provide surgical training on various meniscus repair techniques. Lectured on “Meniscus repair 2016: Ability to Treat Many Types of Tears with Repair”, followed by Cadaveric Lab Instruction and teaching on meniscus repair techniques. Detroit, MI May 2016

13. AOSSM INSTRUCTIONAL COURSE LECTURE 2017

Invited to present “Tibial Stress Fractures: Diagnosis and Management” as part of Troublesome Stress Fractures Instructional Course Lectures at AAOS, San Diego 2017

14. AAOS IN-BOOTH PRESENTATION

Invited by Industry (Conmed) to present on Meniscus Transplantations. “Meniscus Allograft Transplant Made Easy,” San Diego, CA March 2017

15. ACL STUDY GROUP

Invited to present “ACL Contamination and Biofilms associated with Tunnel Lysis at ACL Revision”, Queenstown, New Zealand January 2018

16. UNIVERSITY OF MIAMI

Invited to give Grand Rounds Lecture “Let’s get PSYCHED: Psychological issues that affect sports medicine and orthopedic patients” Miami, FL, March 2018

17. AOSSM/VERICEL FELLOWS CARTILAGE COURSE

Invited to give lecture “Clinical Decision Making for Managing Cartilage Injuries In Young Patients: A Primer for a Sports Medicine Practice”, San Diego, CA July 2018

18. AOSSM IN-BOOTH PRESENTATION

Invited by Industry (Ceterix) to present on Meniscus Repair. Multiply the Possibilities: Broaden your meniscus repair indications with Novostitch Pro”, San Diego, CA July 2018

19. CONMED MTF ADVANCED CARTILAGE COURSE

Chair of course, lab instructor, invited presentations

“Overview of Cartilage Restoration,”

“Osteochondral Allografts and Meniscus Transplants Made Easy”

Key Largo, FL April 2019

20. AANA IN-BOOTH PRESENTATION

Invited by Industry (Smith &Nephew) to present on Meniscus Repair. Multiply the Possibilities: Broaden your meniscus repair indications with Novostitch Pro”, Orlando, FL May 2019

21. CONMED AUSTRALIA SPORTS TISSUE ALLOGRAFT

“Osteochondral Allografts and Meniscus Transplants Made Easy”

Cancun, Mexico May 2019

22. AOSSM/VERICEL FELLOWS CARTILAGE COURSE

Invited to give lecture “Clinical Decision Making for Managing Cartilage Injuries In Young Patients: A Primer for a Sports Medicine Practice”, Boston, MA July 2019

23. AOSSM IN-BOOTH PRESENTATION

Invited by Industry (Smith &Nephew) to present on Meniscus Repair. “Multiply the Possibilities: Broaden your meniscus repair indications with Novostitch Pro”, Boston, MA July 2019

24. INTERNATIONAL SPORTS MEDICINE FELLOWS CONFERENCE

Invited by Industry (ConMed) as Moderator: “Cartimax/Infinity Ligament System”. Virtual Conference, May 2021.

25. SMITH + NEPHEW WIDER SCOPE OF ARTHROSCOPY FELLOWS LAB

Invited by Industry (Smith &Nephew) to instruct Sports Medicine fellows on knee surgical lab. Rosemont, IL, June 2021

26. AAOS ARTICULAR CARTILAGE RESTORATION COURSE

Invited to lecture on “Current, Emerging and Advanced Techniques”. Rosemont, IL, October 7-9, 2021

27. ORTHOPAEDIC SUMMIT 2021

Evolving Technique and Mini-Update: Pushing the Envelope in Meniscus Repair: Complex Tears & Ramp Lesions. Las Vegas, December 13, 2021.

28. ORTHOPAEDIC SUMMIT 2021

Debate Moderator: 21 Year Old College Wrestler with Lateral Bucket Handle Meniscus Tear. . Las Vegas, December 13, 2021.

INVITED OTHER LECTURES/EDUCATION

1. NEBRASKA ORTHOPEDIC SURGEONS

Presented “Patient Selection and Clinical Decision Making: Treatment with Autologous Chondrocyte Implantation (ACI)” and Provided Training in Autologous Chondrocyte Implantation. Omaha, NE. July 2012

2. CHICAGO AREA ORTHOPEDIC SURGEONS

Invited to present algorithm of cartilage restoration and provide training in cartilage restorative techniques. Presented “Cartilage Restoration Algorithm: A Case Base Approach Simple to Complex” and provided training in Autologous Chondrocyte Implantation. Oakbrook, IL. June 2012

3. HINSDALE ORTHOPEDICS

Presented “Treatment with Autologous Chondrocyte Implantation (ACI) in the Patellofemoral Joint: A Case Based Approach” and Provided Training in Autologous Chondrocyte Implantation. Hinsdale, IL. August 2012

4. JOLIET MK ORTHOPEDICS

Presented “Patient Selection and Clinical Decision Making: Treatment with Autologous Chondrocyte Implantation (ACI)” and Provided Training in a lab on Autologous Chondrocyte Implantation surgical technique. Joliet, IL. August 2012

5. SMITH & NEPHEW ANNUAL SALES MEETING

Invited to present on current concepts of ACL surgery. “Demystifying ACL Surgery: Understanding Key Steps and Key Concepts to Impact Service”, Orlando FL January 2013

6. DETROIT RESIDENTS AND FELLOWS

Invited to train multiple residents and fellows from the Detroit region. Presented “Carticel® Training Detroit: Cartilage Injury, Treatment Algorithm, & ACI” and taught a lab instructing on the technique of autologous chondrocyte implantation on cadaveric specimens. May 2013

7. TOLEDO ORTHOPEDIC SURGEONS

Presented “Cartilage Restoration Algorithm: A Case Base Approach Simple to Complex” and provided training in Autologous Chondrocyte Implantation, Toledo OH July 2013

8. BOCA RATON ORTHOPEDIC SURGEONS

Presented “Expanding the Cartilage Toolbox” and provided training in MACI. Boca Raton, FL March 2018

9. MIAMI RESIDENT TRAINING

Presented “Expanding the Cartilage Toolbox” and provided training in MACI. Miami, FL March 2018

10. HINSDALE ORTHOPEDICS

Presented “Expanding the Cartilage Toolbox” and provided training in MACI. Hinsdale, IL May 2018

11. MEDICAL COLLEGE OF WISCONSIN

Presented “Expanding the Cartilage Toolbox” and provided training in MACI. Milwaukee, WI June 2018

12. BEACON ORTHOPEDICS

Presented “Expanding the Cartilage Toolbox” and provided training in MACI. Cincinnati, OH July 2018

13. CONMED ANNUA SALES MEETING

Presented “Cartimax”. Orlando,FL February 2019

14. MARIETTA ORTHOPEDIC GROUP

Presented “Cartilage Restoration Update 2019” and provided training in MACI.
Columbus, OH March 2019

15. MARION OHIO SPORTS MEDICINE GROUP

Presented “Cartilage Restoration Update 2019” and provided training in MACI.
Columbus, OH March 2019

16. SMITH + NEPHEW MENISCAL REPAIR WEBINAR

Presented “Vascular anatomy of the meniscus and its relevance to repair and biological enhancement techniques (rasping, vascular access channels, fibrin clot, PRP other growth factors.” Columbus, OH. April 2020.

17. SMITH + NEPHEW ALL TEARS & REPAIRS WEBINAR SERIES

Moderated “Latest and greatest in repair vs. resect data and technology.” Columbus, OH. April 2020.

18. SMITH + NEPHEW ALL TEARS & REPAIRS WEBINAR SERIES

Presented “Updated STITCH Study – 1 Year Results and What’s Up Next.”
Columbus, OH. April 2020.

EDUCATIONAL ACTIVITIES

Education/Courses

1. “Adult Spine Deformities,” Presented at Chairman’s Conference, Northwestern Memorial Hospital, Department of Orthopaedics, March 2001
2. “Spastic Deformities of the Foot,” Presented at Chairman’s Conference, Northwestern Memorial Hospital of Orthopaedics, March 2002
3. “Patellofemoral Disorders,” Presented at Chairman’s Conference, Northwestern Memorial Hospital, Department of Orthopaedics, October 2002.
4. “Rotator Cuff Tears: Current Concepts in Diagnosis and Treatment,” Presented at Chairman’s Conference, Northwestern Memorial Hospital, Department of Orthopaedics, February 2003
5. “Cruciate Ligament Injuries,” Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, August 2003
6. “Traumatic Hip Subluxation and Labral Tears in Athletes,” Presented at Sports Indications Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, September 2003
7. “Meniscal Injuries: Diagnosis and Treatment,” Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, October 2003

8. "Spine Injuries in Sports," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, November 2003
9. "Meniscal Repair," Presented at Orthopaedic Grand Rounds, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, December 2003
10. "Stress Fractures in Athletes," Presented at Sports Indications Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, December 2003
11. Clinical Instructor at AANA Resident Course, February 2004
12. "Meniscus Repair: Current Concepts 2006," Presented at Columbus Orthopaedic Grand Rounds, Columbus, OH May 2006
13. "Ligaments and Meniscus," Presented at the Musculoskeletal Course for Medical Students, OSU Medical Center 2006
14. "Articular Cartilage and Synovial Tissue," Presented at the Musculoskeletal Course for Medical Students, OSU Medical Center 2006
15. "Articular Cartilage and Synovial Tissue," Presented at the Musculoskeletal Course for Medical Students, OSU Medical Center 2007
16. "Meniscal Injuries and Treatment," Resident Education Sports Conference 2007 – OSUMC
17. "Articular Cartilage Injury and Treatment," Resident Education Sports Conference 2007
18. "Cartilage Injury: Treatment Options," Presented at OSU Veterinarian Hospital 2007
19. "Patellofemoral Disorders: Evaluation and Treatment," Resident Education Sports Conference 2007
20. "AAOS Knee Injuries in Athletes: Getting Patients Back in the Game – Cutting Edge Techniques", **Flanigan DC** (Instructor) CME Course, April 8-10, 2010, Rosemont, IL.
21. "Current Considerations in Cartilage Restoration", The Ohio State University PM&R Department Grand Rounds, February 7, 2011.
22. "Patellofemoral Articular Cartilage Defects: The Dilemma and Treatment Alternatives", The Ohio State University Cartilage Restoration Program, CME Course, July 13, 2011.

23. "Surgical Indications for PCL Reconstruction", AAOS Orthopedic Learning Center Course, Rosemont, IL, April 13-14, 2012.
24. Lab Demonstrations – "Meniscus and Articular Cartilage Repair Techniques", ACL Graft Harvest and Femoral Notch Anatomy", ACL Reconstruction Techniques", Reconstruction and Posterolateral Corner Anatomy & Reconstruction Techniques", AAOS Orthopedic Learning Center. Rosemont, IL. April 13-14, 2012.
25. "Cartilage Restoration", Grand Rounds presentation to OSU Department of Family Medicine, Columbus, OH, June 7, 2012.
26. "Cartilage and Meniscus Injuries," lecture to residents for OSU Department of Orthopaedics, Columbus, OH. February 28, 2014.
27. "Multiligament Knee Injuries and Knee Dislocations: Evaluation and Management." lecture to residents for OSU Department of Orthopaedics, Columbus, OH. February 28, 2014.
28. "Cartilage and Meniscus Injuries," lecture to residents for OSU Department of Orthopaedics, Columbus, OH. February 2016.
29. "Multiligament Knee Injuries and Knee Dislocations: Evaluation and Management." lecture to residents for OSU Department of Orthopaedics, Columbus, OH. February 2016
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18. Everhart JS, **Flanigan DC**. “Race and Sex Correlates of Tibiofemoral Joint Morphology in a Normal Population”, Mid-Am Ortho Assn. 29th Annual Meeting, Tucson, AZ, April 6-10, 2011.
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20. Harris J, **Flanigan DC**. “Failures; Re-operations; and Complications After Autologous Chondrocyte Implantation: A Systematic Review”, OSU Medical Center Annual Research Day, April 7, 2011.

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27. Behery OA, **Flanigan DC**. "Factors Influencing the Outcome of Autologous Chondrocyte Implantation: A Systematic Review", Mid-America Orthopaedic Association 30th Annual Meeting, Bonita Springs, FL. April 18, 2012.
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30. Campbell A, Knopp M, Kolovich G, Siston R, **Flanigan DC**. "Preoperative MRI Underestimates Articular Cartilage Defect Size Compared with Findings at Arthroscopic Knee Surgery," 32nd AANA Annual Meeting, San Antonio, TX, April 25-27, 2013.
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33. Everhart J, Siston R, Chaudhari A, **Flanigan DC**. "Distal Articular Femur Shape Variation by Race and Sex." 32nd AANA Annual Meeting, San Antonio, TX. April 25-27, 2013.
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37. Santiago-Torres J, Jain S, **Flanigan DC**, Bishop JY. "The Effect of Smoking on Rotator Cuff and its Association with Shoulder Dysfunction: A Systematic Review." Presented at OSUWMC Annual Trainee Research Day, April 2014.
38. Randall KL, **Flanigan DC**, Magnussen RA. "Evaluating Relationship Between Body Mass Index and Outcomes of Meniscal Repair." Presented at OSUWMC Annual Trainee Research Day, April 2014.
39. Blackwell R, Schmitt L, **Flanigan DC**, Magnussen RA. "Smoking Increases the Risk of Early Meniscus Repair Failure," AOSSM Annual Meeting, Seattle, WA, July 2014
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41. **Flanigan DC**. "The Efficacy of Intravenous Ibuprofen in the Control of Postoperative Pain Following Arthroscopic Knee Surgery: A pilot study." Arthroscopy Association of North American Annual Meeting, Los Angeles, CA. April 2015
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48. Dibartola A, Everhart J, **Flanigan DC**. Athletes and Non-athletes Exhibit Differing Patterns of Symptomatic Knee Cartilage Defect Size and Severity at Time of Surgery. Mid-American Orthopaedic Association Annual Meeting (April 2017). Amelia Island, FL. Poster.
49. Dibartola A, Everhart J, **Flanigan DC**. Bacterial Deoxyribonucleic Acid (DNA) is Often Present in Ruptured Graft Tissue at Time of Revision Anterior Cruciate Ligament (ACL) Reconstruction. Mid-American Orthopaedic Association Annual Meeting (April 2017). Amelia Island, FL. Poster.
50. Chalasani R, Everhart J, Frantz T, Magnussen RA, **Flanigan DC**. Factors influencing return to sport or return to work after a multiligament knee injury. Mid-American Orthopaedic Association Annual Meeting (April 2017). Amelia Island, FL. Poster
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52. Stitgen M, Magnussen RA, **Flanigan DC**. "Medial Patellofemoral Ligament Reconstruction: Semitendinosus Allograft Verses Peroneal Longus Allograft", Arthroscopy Association of North America- Annual Meeting, Denver, CO May 18-20, 2017

53. Early N, Patel K, Blackwell R, Magnussen RA, **Flanigan DC**, “Increased Odds of Meniscus Repair Failure with Use of 5 or More All – Inside Implants,” Arthroscopy Association of North America- Annual Meeting, Denver, CO May 18-20, 2017
54. Chafitz A, Everhart J, **Flanigan DC**. Preoperative pain perceptions are predictive of physical therapy performance, healthcare resource utilization, and postoperative symptoms after anterior cruciate ligament reconstruction: a minimum 1 year follow-up study. American Orthopedic Association Annual Meeting (June 2017). Charlotte, NC. E-Poster
55. Chalasani R, Everhart J, Frantz T, Magnussen RA, **Flanigan DC**. Factors influencing return to sport or return to work after a multiligament knee injury. American Orthopedic Association Annual Meeting (June 2017). Charlotte, NC. Poster.
56. Dibartola A, Everhart J, Stoodley P, **Flanigan DC**. Bacterial deoxyribonucleic acid (DNA) is often present in ruptured graft tissue at time of revision anterior cruciate ligament (ACL) reconstruction. American Orthopedic Association Annual Meeting (June 2017). Charlotte, NC. Poster.
57. Everhart J, Campbell A, **Flanigan DC**. Cost-efficacy of commonly utilized knee cartilage defect treatments in the United States: a 10 year model based on 70 studies. AANA Annual Meeting (May 2017). E-poster
58. Thoma LM, **Flanigan DC**, Best TM, Schmitt L. High Kinesiophobia and Pain Catastrophizing in People with Articular Cartilage Defects in the Knee. AOSSM 2017 Annual Meeting, Toronto, Ontario, July 20 – 23, 2017.
59. Hughes L, Everhart JS, Swank K, Lewis C, **Flanigan DC**. High Grade Cartilage Defects at Time of ACL Reconstruction Affect Post-Operative Rehabilitation and Quadriceps Strength. Mid America Orthopaedic Association 2018 Annual Meeting. San Antonio, TX. Poster presentation
60. Everhart JS, Poland SG, **Flanigan DC**. Predictors of full thickness cartilage defect progression in older adults with minimal to moderate knee osteoarthritis (OA): data from the OA Initiative. AAOS 2018 Annual Meeting. New Orleans, LA. Poster presentation.
61. Everhart J, Kirven J, Abouljoud M, Dibartola A, Magnussen RA, Kaeding C, **Flanigan DC**. Sooner that you think: The Effect of Delayed Primary Anterior Cruciate Ligament Reconstruction on Medial Compartment Cartilage and Meniscus Health, AAOS 2019 Annual Meeting, Las Vegas, NV. March 2019 Poster Presentation

62. Colatruglio M, Kuzma S, **Flanigan DC**, Kaeding C, Magnussen RA. Failure Risk of One- versus Two- Stage Revision ACL Reconstruction. 2019 AANA Annual Meeting, Orlando FL, May 2019
63. Everhart J, Poland S, Eikenberry A, Magnussen RA, Kaeding C, **Flanigan DC**. Higher Activity Level is Associated with Better Meniscus Repair Results, 2019 AANA Annual Meeting, Orlando FL, May 2019
64. Moellering CJ, Kaeding C, DiBartola AC, Magnussen RA, **Flanigan DC**. Evaluation of Limb Symmetry After Medial Patellofemoral Reconstruction Surgery. 2020 AANA Annual Meeting. Grapevine, TX, May 7-9, 2020.
65. Kirven JC, DiBartola AC, Kaeding C, Magnussen RA, **Flanigan DC**. "Clinical and Functional Effects of Surgical Technique after Repair of Bucket Handle Meniscus Tears." 2020 AANA Annual Meeting. Grapevine, TX, May 7-9, 2020.
66. Pettit R, DiBartola AC, **Flanigan DC**, Magnussen RA. "Aspirin is not Effective in Prevention of Deep Vein Thrombosis after Meniscus Root Repair." 2020 AANA Annual Meeting. Grapevine, TX, May 7-9, 2020.
67. Regalado L, DiBartola AC, Everhart JS, **Flanigan DC**. "Association of Bacterial Biofilm with Tunnel Widening in Anterior Cruciate Ligament Revision Surgery." 2020 AANA Annual Meeting. Grapevine, TX, May 7-9, 2020.
68. Barmash E, DiBartola A, Sanders B, Binzel K, Magnussen RA, Duerr R, Kaeding C, Knopp MC, **Flanigan DC**. "Correlation of Tibial and Femoral Tunnel Size with PET MRI after ACL Reconstruction." 2020 AANA Annual Meeting. Grapevine, TX, May 7-9, 2020.

PRESENTATIONS

Local/Regional

1. **Flanigan DC** "Vascular anatomy of Nerves in the tarsal tunnel," Presented at the American Orthopaedic Foot and Ankle Society, 12th Annual Summer Meeting, June 1996.
2. **Flanigan DC** "Fracture Specific Fixation of Distal Radius Fractures," Presented at Resident and Fellows Research Day, ASSH Summer meeting, Chicago, IL, September 2003.
3. **Flanigan DC** "Articular Contact Pressures of Meniscal Repair Techniques at Various Knee Flexion Angles," Presented at the Department of Orthopaedics Surgery 25th Annual Resident Alumni Thesis Day, Northwestern University Feinberg school of Medicine, May 2003

4. **Flanigan DC** "Impingement to Rotator Cuff Tears," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, January 2004
5. **Flanigan DC** "Shoulder Instability in Athletes," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, February 2004
6. **Flanigan DC** "Treatment for Symptomatic Os Acromial," Presented at Sports Indications Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, February 2004
7. **Flanigan DC** "AC and SC Injuries and treatment," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, March 2004
8. **Flanigan DC** "The Stiff Shoulder: Diagnosis and Treatment," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, March 2004
9. **Flanigan DC** "Arthroscopic Capsular Plication: A Cadaveric Analysis of volume Reduction," Presented at Annual Orthopaedic Research Program, University of Wisconsin, Department of Orthopaedics, April 2004
10. **Flanigan DC** "Differential and Treatment for Recurrent Anterior Shoulder Instability After Reconstruction," Presented at Sports Indications Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedic Surgery, April 2004
11. **Flanigan DC** "Shoulder Anatomy," Presented at the 27th Annual Sports Medicine Symposium, Madison, Wisconsin, May 2004
12. **Flanigan DC** "Overhead Athlete Shoulder Injuries," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, June 2004
13. **Flanigan DC** "Revision ACL Surgery," Presented at Sports Indications Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedic Surgery, June 2004
14. **Flanigan DC** "OCD Lesions of the Knee," Presented at Sports Medicine Conference, University of Wisconsin Hospital and Clinics, Department of Orthopaedics, July 2004
15. **Flanigan DC** "The Secret of Healthy Knees," Presented at Strides to Success Runners Clinic, Eastlake, Ohio, March 2005

16. **Flanigan DC** “Articular Cartilage Lesions of the Knee: Current Treatment Options,” Presented at the Ohio State University Medical Center Alumni Day, Columbus, OH, September 2006
17. **Flanigan DC** “Contact Pressure Analysis of Proud Osteochondral Grafts verses Synthetic Grafts,” Presented at Mallory-Coleman Research Day, Columbus, OH May 2007
18. **Flanigan DC** “Evaluation of “High Strength” Orthopaedic Suture: A Head to Head Comparison,” Presented at Mallory-Coleman Research Day, Columbus, OH May 2007
19. **Flanigan DC** “SLAP Lesions,” Presented at the 1st Annual OSU Sports Medicine Conference, Columbus, OH, July 2007
20. Oyster M, **Flanigan DC**, Kaeding C, “Hypermobility Posterior Horn Lateral Meniscus”, 36th Annual Mallory-Coleman Resident Research Day, Columbus, Ohio, May 2, 2008
21. Chaudhari A, **Flanigan DC**, Kaeding C, “ACL Injured Subjects Have Smaller ACLs, than Matched Controls: An MRI Study”, 36th Annual Mallory-Coleman Resident Research Day, Columbus, Ohio, May 2, 2008
22. **Flanigan DC**, Aros B, Pedroza A, Kaeding C, “Comparison of Patellofemoral Cartilage between Primary Bone-patella tendon-bone autografts versus other primary grafts at the time of ACL revision surgery: A prospective MOON cohort study”, 2nd Annual OSU Sports Medicine Research Day, Columbus, Ohio, May 23, 2008
23. Donaldson C, **Flanigan DC**, Kaeding C “Defining Chronicity in ACL Deficient Knees Undergoing Reconstruction”, 37th Annual Mallory-Coleman Resident Research Day, Ohio State University Department of Orthopaedics, June 4, 2009, Columbus Ohio
24. Smith T, Kaeding C, **Flanigan DC**. “Reasons for Lack of Return to Pre-injury Level of Function after ACL Reconstruction”, 37th Annual Mallory-Coleman Resident Research Day, Ohio State University Department of Orthopaedics, June 4, 2009, Columbus Ohio.
25. **Flanigan DC**. “Articular Cartilage Systematic Review”, MOON Fellows Conference, OSU BRT, August 19, 2010, Columbus, OH.
26. Kaplan L, **Flanigan DC**. “Cartilage Challenges – Case Presentations”, 2nd Annual Ohio State Orthopaedic Alumni Reunion, Sept 10 -11, 2010, Columbus, OH.
27. Harris J, Brophy R, Siston R, Thai T, **Flanigan DC**. “Using Evidence-Based Medicine in the Management of Chondral Defects of the Knee in Athletes”, 38th

Annual Mallory-Coleman Resident Research Day, Ohio State University Department of Orthopaedics, June 4, 2010, Columbus, OH.

28. Harris J, Siston R, **Flanigan DC**. "Complications, Adverse Events and Failures after Autologous Chondrocyte Implantation", 38th Annual Mallory-Coleman Resident Research Day, Ohio State University Department of Orthopaedics, June 4, 2010, Columbus, OH.
29. Menendez M, Clark DJ, Gia G, Choi S, Sammet S, **Flanigan DC**, Knopp M, Bertone A. "In-vivo High Field 3 Tesla Magnetic Resonance Imaging to Assess Osteochondral Healing in an Equine Model", 38th Annual Mallory-Coleman Resident Research Day, Ohio State University Department of Orthopaedics, June 4, 2010, Columbus, OH.
30. Kanneganti P, Quinn D, Litsky A, **Flanigan DC**. "Biomechanical Testing of Femoral Fixation Devices for Anterior Cruciate Ligament Reconstruction Using Cadaveric Hamstring Grafts", 38th
31. Annual Mallory-Coleman Resident Research Day, Ohio State University Department of Orthopaedics, June 4, 2010, Columbus, OH.
32. Bishop J, Beran M, Griesser M, Vanhoff C, Quackenbush M, **Flanigan DC**. "Use of the Objective Structured Clinical Examination (OSCE) to Evaluate Orthopedic Resident Clinical Skill Performance", OSU Celebration of Educational Scholarship, OSU Ross Heart Hospital, November 17, 2010, Columbus, OH.
33. **Flanigan DC**. "Articular Cartilage Systematic Review", MOON Fellows Conference, OSU, August 18, 2011, Columbus, OH.
34. **Flanigan DC**. "Reasons for Lack of Return to Pre-Injury Levels of Function After ACL Reconstruction", MOON Conference, OSU, August 19, 2011, Columbus, OH.
35. **Flanigan DC**. "How to Present Your Research", OSU College of Medicine, Residency Program, September 1, 2011.
36. **Flanigan DC**. "Cartilage Restoration: New Innovations", Presented at 3rd Annual Ohio State Orthopaedic Alumni Reunion, September 10, 2011.
37. **Flanigan DC**. "Cartilage Injuries: Diagnosis, Treatment and Prevention", Presented at Primary Care/Physical Therapy Meeting, The Ohio State University, April 18, 2012.
38. **Flanigan DC**. "The Silent Injury: Cartilage Injury: Diagnosis, Treatment & Prevention" Ohio Athletic Trainer Association Annual Meeting, Columbus, OH. May 11, 2013.

39. Knapik DM, Blazek AD, Perera P, Wu L, Young NA, Eubanks T, Jarjour WN, **Flanigan DC**, Agarwal S. "Exercise Antagonizes Local and Systemic Inflammation via Suppression of NF- κ B Activation." Presented at OSU Sports Health & Performance Institute Annual Research Day, Columbus, OH, May 2013.
40. Mariscalco MW, Magnussen RA, Mitchell J, Pedroza AD, Jones MH, Andrish JT, Parker RD, Kaeding C, **Flanigan DC**. "How Much Hamstring Graft Length Needs to be in the Femoral Tunnel? A MOON Cohort Study." Presented at OSU Sports Health & Performance Institute Annual Research Day, Columbus, OH. May 2013
41. **Flanigan DC**. "Multi-Ligament Knee Injuries" – Greater Columbus Athletic Trainers Society, November 18, 2015.
42. **Flanigan DC**. "Bone/Cartilage Graft Substitutes" – Advanced Veterinary Surgical Sciences Graduate Course, Musculoskeletal. Veterinary Clinical Sciences, Columbus, OH, March 10, 2016.
43. **Flanigan DC**. Meniscus injuries and treatment in athletes. Greater Columbus Athletic Trainers Society GCATS, November 9, 2016.
44. Shemory S, Lundy N, Stitgen M, **Flanigan DC**, Magnussen RA. "Allograft vers Autograft for Medial Patellofemoral Ligament Reconstruction" 45th Annual Mallory-Coleman Resident Research Day, Columbus OH, June 2,2017
45. Early N, Wei W, Lambach R, Chaudhari A, Rogers A, Payne J, Siston RA, Knopp M, **Flanigan DC** "Effect of One Season of Play on Articular Cartilage Health in Collegiate Football Linemen" 45th Annual Mallory-Coleman Resident Research Day, Columbus OH, June 2, 2017.
46. **Flanigan DC**. "Cartilage Restoration Program at Jameson Crane Sports Medicine Institute." Philanthropic Advisory Council Meeting, Columbus OH, June 1, 2017.
47. **Flanigan DC** "Cartilage Restoration Update 2019" Cap City Sports Medicine Symposium, Worthington, OH, April 19 2019.
48. Morris J, Magnussen RA, Dibartola AC, Kaeding CC, **Flanigan, DC**. "Patient Outcomes After Horizontal Cleavage Tear Repair: A Systematic Review". Ohio Orthopaedic Society Annual Meeting, September 24, 2021.

PRESENTATIONS

National

1. **Flanigan DC** "A Biomechanical Comparison of Patellar Tendon Repair Materials in a Bovine Model," Presented at Arthroscopy Association of North America Annual Meeting, Orlando, Florida, April 2004.

2. **Flanigan DC** “Fracture Specific Fixation of Distal Radius Fractures,” Presented the AAOS Annual Meeting, San Francisco, CA, February 2004.
3. **Flanigan DC** “Biomechanical Effects of Meniscal Repair techniques on Articular Contact Pressure at Various Knee Flexion Angles” Presented at Arthroscopy Association of North America Annual Meeting, Orlando, Florida, April 2004.
4. **Flanigan DC** “Arthroscopic Capsular Plication: A Cadaveric Analysis of Volume reduction”, Presented at Mid-America Orthopaedic Association 23rd Annual Meeting, Amelia Island, Florida, April 2005.
5. **Flanigan DC** “Arthroscopic Capsular Plication: A Cadaveric Analysis of Volume Reduction,” Presented at Arthroscopy Association of North America Annual Meeting, Vancouver BC, May 2005.
6. **Flanigan DC** “Arthroscopy on Anticoagulated Patients,” Presented at Arthroscopy Association of North America Annual Meeting, Vancouver BC, May 2005.
7. **Flanigan DC** “Arthroscopy on Anticoagulated Patients,” Presented at Herodicus Annual Meeting, Keystone, CO, July 2005.
8. **Flanigan DC** “Osteoarthritis Management: Glucosamine and Chondroitin and Viscosupplementation,” Presented at the Ohio Physical Therapist Association, Columbus, OH, February 2007
9. **Flanigan DC** “Advancements in Cartilage Restoration,” Presented at the Association of Surgical Technologists- Ohio Chapter, Columbus, OH, March 2007
10. **Flanigan DC** “Evolution of Cartilage Restoration,” Presented at the Insall Traveling Fellows Meeting, Columbus, OH October, 2007
11. **Flanigan DC** “Articular Cartilage Injury: Current Concepts and Treatment,” Presented at Sports Medicine Conference, OSU Sports Medicine Center, 2007
12. **Flanigan DC**. “Osteoarthritis Management: Current Evidence for Glucosamine and Chondroitin and Viscosupplementation,” Presented at the American College of Sports Medicine Annual Meeting, New Orleans, LA, May 2007
13. Toman C, Wright R, Dunn W, **Flanigan DC**, Amendola A, Andrish J, Kaeding C, Marx R, McCarty E, Spindler K, “Success of All-Inside Meniscus Repair at ACLR: Level I Evidence from MOON Cohort”, American Orthopaedic Society for Sports Medicine Annual Meeting, Calgary, Canada, July 14, 2007.
14. **Flanigan DC** “Articular Cartilage Implantation: What is the Evidence?” Presented at the Sports Medicine Conference, OSU Sports Medicine Center, 2008

15. Zelman E, Chaudhari A, **Flanigan DC**, Takayama Y, Jia G, Sammet S, Kaeding C, Knopp M, “Porcine Validation of MRI-based Measurement of Anterior Cruciate Ligament Volume” Orthopaedic Research Society Annual Meeting, San Francisco, CA, March 1 – 3, 2008.
16. Zelman E, Chaudhari A, **Flanigan DC**, Jia G, Kaeding C, Knopp M, “ACL – Injured Subjects Have Smaller ACLs than Matched Controls: An MRI Study”, Orthopaedic Research Society Annual Meeting, San Francisco, CA, March 1 – 3, 2008.
17. Wright R, Dunn W, **Flanigan DC**, Amendola A, Andrish J, Kaeding C, Spindler K. “Patient Based Outcomes of Revision ACL Reconstruction: 2 year results from the MOON Cohort”, American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, CA, March 5, 2008.
18. Wright RW, Dunn RD, Annunziato A, Andrish JT, **Flanigan DC**, Matava MJ, Jones MH, Vidal A, Wolcott ML, Spindler KP. “Patient Based Outcomes of Revision ACL Reconstruction: 2 Year Results from the MOON Cohort Study”, AOSSM Specialty Day, San Francisco, CA, March 8, 2008.
19. Sammet S, Shah Z, Jia G, Von Fischer N, Chaudhari A, Takayama Y, Kaeding C, Knopp M, **Flanigan DC**. “Advancing Anterior Cruciate Ligament Visualization and Volume and Shape Analysis Using 3T MR Imaging”, American Roentgen Ray Society Annual Meeting, Washington D.C., April 13 – 18, 2008
20. Sammet S, Shah Z, Jia G, Cody M, Chaudhari A, Takayama Y, Kaeding C, Knopp M, **Flanigan DC**. “T2 Mapping of Articular Cartilage: A Potential Biomarker of Long Term Cartilage Health in Injured Knees” American Roentgen Ray Society Annual Meeting, Washington D.C., April 13 – 18, 2008.
21. **Flanigan DC**. “Activity Related Outcomes after ACL Reconstruction”, Presented as part of the Evidence Based Clinical Outcomes in ACL Reconstruction Symposium for the American College of Sports Medicine Annual Meeting, Indianapolis, IN, May 28, 2008.
22. Aros B, Pedroza A, **Flanigan DC**, Kaeding C “Patellofemoral Cartilage at ACL Revision: Primary Patellar Tendon Autograft vs. Other Primary Graft”, American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, Nevada, February 25-28, 2009
23. **Flanigan DC**. “Meniscal Repair with the MaxFire Device: A Cadaveric Study”, Mid America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 23, 2009.
24. **Flanigan DC**, Miller T. “Gapping of Meniscus Tears Sutured at Multiple Spacing Increments: A Bovine Cadaveric Model”, Mid-America Orthopaedic Association, April 22-26, 2009

25. **Flanigan DC**, Aros B. "Biomechanical Comparison of Meniscal Suture, Repair Devices and Techniques", Mid-America Orthopaedic Association, April 22-26, 2009
26. **Flanigan DC**, Likes R, "Meniscal Repair with the MaxFire Device: A Cadaveric Study", Mid-America Orthopaedic Association, April 22-26, 2009
27. **Flanigan DC**, Miller T, Finblatt J, Litsky A. "Evaluation of 'High Strength' Orthopaedic Suture: A Head to Head Comparison", Mid-America Orthopaedic Association, April 22-26, 2009
28. **Flanigan DC**, Harris J, Brockmeier P, Siston R. "Is 2cm² the Correct Threshold Size to Dictate Articular Cartilage Repair?" AOSSM Annual Meeting, July 20, 2009.
29. **Flanigan DC**, Smith T, Kaeding C, Pangrazzi G, Durning S. "Reasons for Lack of Return to Pre-injury Level of Function after ACL Reconstruction", 28th Mid-America Orthopaedic Association Annual Meeting, Austin, TX, April 21-25, 2010.
30. Donaldson CT, Pedroza A, **Flanigan DC**, Kaeding C. "Defining Chronicity in ACL Deficient Knees Undergoing Reconstruction", 28th Mid-America Orthopaedic Association Annual Meeting, Austin, TX, April 21-25, 2010.
31. Randazzo JL, **Flanigan DC**, Jia G, Choi S, Knopp M, Child J. "The Effect of Grade IV Articular Cartilage Lesion Size, Shape and Location on MRI Diagnostic Predictability in the Porcine Knee", 28th Mid-America Orthopaedic Association Annual Meeting, Austin, TX, April 21-25, 2010.
32. **Flanigan DC**, Elguizaoui S, Parsons E, Harris JD, Litsky AS, Siston RA. "Contact Pressure of Proud Synthetic versus Osteochondral Plugs with Cyclical Loading in Bovine Model", 28th Mid-America Orthopaedic Association Annual Meeting, Austin, TX, April 21-25, 2010.
33. Harris JD, Brockmeier P, Siston RA, **Flanigan DC**. "Limitations of a Circular Model in Managing Articular Cartilage Defects in the Knee", 28th Mid-America Orthopaedic Association Annual Meeting, Austin, TX, April 21-25, 2010.
34. **Flanigan DC**, Aucoin JC, Parsons E, Siston RA., Harris JD. "The Effect of Femoral Condyle Size on Articular Cartilage Defect Contact Pressures", 28th Mid-America Orthopaedic Association Annual Meeting, Austin, TX. April 21-25, 2010.
35. **Flanigan DC**, Harris J, Brockmeier PM, Siston RA. "The Effects of Defect Size, Orientation and Location on Subchondral Bone Contact in Oval-shaped Experimental Articular Cartilage Defects", Annual Meeting of Arthroscopy Association of North America, Hollywood, FL, May 22, 2010.
36. Clark DJ, Sammet S, Jia G, Menendez MI, Bertone AL, **Flanigan DC**, Knopp MV. "Quantitative MR Imaging-based Biomarkers for Articular Cartilage Injury of the

- Knee in a Pony Model”, Radiological Society of North America 96th Scientific Assembly and Annual Meeting, Chicago, IL, November 28-December 3, 2010.
37. Everhart, J, **Flanigan DC**, Kaeding C, Bertone A, “Characterization of long-term tissue remodeling by collagen type and crosslink analysis following full thickness ACL rupture: an in vivo human study”, Orthopaedic Research Society Annual Meeting, January 13-16, 2011, Long Beach, California
 38. Harris J, Toor A, Siston R, **Flanigan DC**. “Complications, Re-operations and Failures after Autologous Chondrocyte Implantation”, Mid Am Ortho Assn Annual Mtg, Tucson, AZ, April 6 -10, 2011
 39. Harris J, Brophy R, Siston R, Trinh T, **Flanigan DC**. “Using Evidence-Based Medicine in the Management of Chondral Defects of the Knee in Athletes”, Mid Am Ortho Assn Annual Mtg, Tucson, AZ, April 6 – 10, 2011.
 40. Heinlein K, Pedroza A, **Flanigan DC**, Kaeding C. “The Effect of Platelet-Rich Plasma in Allograft ACL Reconstruction”, Mid-Am Ortho Assn 29th Annual Mtg, Tucson, AZ, April 6-10, 2011.
 41. Everhart JS, **Flanigan DC**, Chaudhari AW. “Anteromedial Femoral Notch Ridging in a Normal Population”, Mid-Am Ortho Assn 29th Annual Mtg, Tucson, AZ, April 6-10, 2011.
 42. Brophy RH, Smith M, Latterman C, Jones M, Wolf B, **Flanigan DC**, Reinke EK. “Multi-investigator Collaboration in Orthopedic Surgery Research Compared to Other Medical Fields”, 2012 AAOS Annual Meeting, San Francisco, CA, February 10, 2012.
 43. Ng VY, Bertone A, **Flanigan DC**, Mayerson J, Santangelo K, Jump S. “Genetic Engineering of Juvenile Human Chondrocytes Improves Scaffold-Free Neocartilage Formation in Vitro”, AAOS Annual Meeting, San Francisco, CA, February 8, 2012.
 44. Ng VY, Bertone A, **Flanigan DC**, Mayerson J, Santangelo K, Jump S. “Genetic Engineering of Juvenile Human Chondrocytes Improves Scaffold-Free Neocartilage Formation in Vitro”, Mid-America Orthopaedic Association 30th Annual Meeting, Bonita Springs, FL. April 19, 2012.
 45. Knapik DM, **Flanigan DC**. “Location Dependent Progression of Cartilage Lesions: An in Vivo Rat Model”, Mid-America Orthopaedic Association 30th Annual Meeting, Bonita Springs, FL. April 19, 2012.
 46. Duffee A, Magnussen R, Kaeding C, **Flanigan DC**, Pedroza A. “Trans-tibial ACL Femoral Tunnel Preparation Increases the Odds of Repeat Ipsilateral Knee Surgery”, AAOS Annual meeting, Chicago, IL. March 19, 2013

47. **Flanigan DC**. “Cartilage Restoration”, presented to OSU Sports Medicine Orthopaedic Fellows Conference, Columbus, OH. Mar. 14, 2013.
48. **Flanigan DC**, Brophy RH, Carey JL, Siston RA, et al. “The Inter- and Intra-Rater Reliability of Arthroscopic Measurements of Cartilage Defects in the Knee.” Mid-America Orthopaedic Association 31st Annual Meeting, Bonita Springs, FL. April 18, 2013.
49. **Flanigan DC**, Mitchell JM, Graham WC, Comstock D, Best TM. “Epidemiology of Meniscal Injuries in U.S. High School Athletes.” Mid-America Orthopaedic Association 31st Annual Meeting, Bonita Springs, FL. April 18, 2013
50. Knapik DM, Perera PM, Nam J, **Flanigan DC**, Agarwal S. “FSTL3 Mediates Exercise-Driven Bone Formation.” Mid-America Orthopaedic Association 31st Annual Meeting, Bonita Springs, FL. April 19, 2013. (Edward D. Henderson, MD, Award Presentation)
51. Campbell AB, Knopp MV, Kolovich G, Wei W, Jia G, Siston RA, **Flanigan DC**. “Preoperative MRI Underestimates Articular Cartilage Defect Size Compared to Arthroscopy.” Mid-America Orthopaedic Association 31st Annual Meeting, Bonita Springs, FL. April 19, 2013.
52. Everhart JS, Siston RA, Knapik DM, **Flanigan DC**. “Surface Area Differences Between Opposing Tibiofemoral Joint Surfaces area Risk Factor for Knee Osteoarthritis: A Prospective Cohort Study with 5-year Follow-up.” Mid-America Orthopaedic Association 31st Annual Meeting, Bonita Springs, FL. April 20, 2013
53. Knapik DM, Perera PM, Nam J, **Flanigan DC**, Agarwal S. “Inhibition of Asporin Signaling is Critical in Preventing Cartilage Damage by Exercise.” Mid-America Orthopaedic Association 31st Annual Meeting, Bonita Springs, FL. April 20, 2013.
54. Harrison RK, Siston RA, Knapik DM, Agarwal S, **Flanigan DC**. “Location Dependent Progression of Traumatic and Post-traumatic Lesions of the Knee Cartilage in a Rat Model of Osteoarthritis”, AANA Annual Meeting, San Antonio, TX, April 25 – 27, 2013. (Resident/Fellow Essay Award – Basic Science).
55. **Flanigan DC**, Siston RA, Lambach MD, Lathrop RL, Adams AC, Agarwal S. “Sub-impact Loading Differentially Damages Deep Layer of Cartilage in Medial and Lateral Condyles of Porcine Knees”, AANA Annual Meeting, San Antonio, TX, April 25 – 27, 2013. (Richard O’Connor Award).
56. **Flanigan DC**. “Incidence and Natural History of Cartilage Injury Among General and Athletic Populations, Surgical Treatment Options and Planning for Articular Cartilage Injury.” 60th Annual ACSM Meeting, Indianapolis, IN. May 29, 2013.

57. Thoma L, **Flanigan DC**, Chaudhari A, Siston R, Best TM, Schmitt L. “Quadriceps Strength and Knee Biomechanics During Stair Ascent in Individuals with Articular Cartilage Defects of the Knee.” APTA/CSM, Feb. 4, 2014.
58. Knapik D, **Flanigan DC**. “Follistatin-like 3 (FSTL3) Mediates Exercise-Driven Bone Formation.” AAOS Annual Meeting, New Orleans, LA. Mar. 14, 2014.
59. Knapik D, **Flanigan DC**, Nam J, Agarwal S. “Exercise Antagonizes Local and Systemic Inflammation via Suppression of NF- κ B Activation,” Mid-America Orthopedic Association 32nd Annual Meeting, San Antonio, TX, April 23-27, 2014
60. Matic G, **Flanigan DC**. “Return to Activity Following Medial Patellfemoral Ligament Reconstruction: A Systematic Review,” Mid-America Orthopedic Association 32nd Annual Meeting, San Antonio, TX, April 23-27, 2014
61. Beals C, Magnussen RA, **Flanigan DC**. “The Prevalence of Meniscal Pathology in Asymptomatic Athletes: A Systematic Review,” Mid-America Orthopedic Association 32nd Annual Meeting, San Antonio, TX, April 23-27, 2014
62. Campbell A, Everhart J, **Flanigan DC**. “Comparing the Efficacy of Knee Cartilage Restoration Strategies: A Meta-Analysis”, Mid-America Orthopedic Association 32nd Annual Meeting, San Antonio, TX, April 23-27, 2014
63. Magnussen RA, Pottkotter K, Di Stasi SL, Paterno MV, Wordeman SC, Schmitt L, **Flanigan DC**, Kaeding C, Hewett TE. “The Effect of Femoral Nerve Block on Strength and Patient-reported Outcomes Following ACL Reconstruction,” AOSSM Annual Meeting Podium Presentation, Seattle, WA. July 13, 2014.
64. **Flanigan DC**. “AOSSM-ESSKA Traveling Fellowship” – AOSSM Annual Meeting, Seattle, WA, July 2014.
65. **Flanigan DC**. “Psychological Factors Affecting Outcomes after Orthopedic Surgery.” 2nd Annual Baltimore Limb Deformity Pre-Course - Masters of Disaster: Managing Osteomyelitis in the 21st Century. Baltimore, MD, August 25, 2016.
66. Christopher Attinger, MD, James Binski, MD, John Carrino, MD, Carl Deirmengian, MD, Mark Eidelman, MD, **David Flanigan, MD**, Marie Gdalevitch, MD, Roman Hayda, MD, Joseph Hsu, MD, Ronald Lindsey, MD, Camelia Marculescu, MD, Cyril Mauffrey, MD, Alex McLaren, MD, John Sontich, MD, William Terrell, MD, Kevin Tetsworth, MD, William Tettelbach, MD, and Hiroyuki Tsuchiya, MD. “Psychological Factors Affecting Outcomes after Orthopedic Surgery.” 2nd Annual Baltimore Limb Deformity Pre-Course – General Osteomyelitis—Case Presentations and Debates. Baltimore, MD, August 25, 2016.
67. Everhart JS, Dibartola, Stoodley, **Flanigan DC**. Bacterial Deoxyribonucleic Acid (DNA) is Often Present in Ruptured Graft Tissue at Time of Revision Anterior

Cruciate Ligament (ACL) Reconstruction. American Academy of Orthopaedic Surgeons Annual Meeting (March 2017). San Diego, CA. Presentation.

68. Chafitz A, Everhart J, **Flanigan DC**. Pain perceptions and sport medicine outcomes. Mid-American Orthopaedic Association Annual Meeting (April 2017). Amelia Island, FL. Presentation.
69. Shemory S, **Flanigan DC**, Magnussen RA. "Allograft versus Autograft for Medial Patellofemoral Ligament Reconstruction". 2017 AANA Annual Meeting, Denver Colorado, May 18-20. 2017
70. Everhart J, DiBartola A, Stoodly P, **Flanigan DC**. "Bacterial Deoxyribonucleic Acid (DNA) is Often Present on Ruptured Graft Tissue a Time of Revision ACL Reconstruction." 2017 AANA Annual Meeting, Denver Colorado, May 18-20. 2017
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72. **Flanigan DC**, Everhart JS, Shemory S. Revolutionizing Care for Horizontal Cleavage Tears of the Meniscus. AAOS 2018 Annual meeting. New Orleans, LA. Orthopaedic Video Theater March 2018
73. Everhart JS, Higgins JD, Poland SG, **Flanigan DC**. Meniscal repair in patients age 40 and older: a systematic review of 11 studies and 157 patients. AAOS 2018 Annual Meeting. New Orleans, LA. Podium presentation March 2018
74. Everhart JS; Harris KM; Schiele SE; Emery CF; **Flanigan DC** Development and validation of the Patient Perceptions and Psychological Predictors of satisfaction (P4-satisfaction) scale: a highly predictive assessment tool for patient-reported satisfaction after sports-related knee surgery. AAOS 2018 Annual Meeting. New Orleans, LA. Podium presentation March 2018
75. Everhart J, **Flanigan DC**. Lateral full thickness cartilage defects and medial subchondral surface ratio (SSR) are associated with knee related disability and quality of life in adults with mild or no radiographic osteoarthritis: data from the Osteoarthritis Initiative (OAI). AAOS 2018 Annual Meeting. Podium presentation March 2018
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77. Everhart JS, Poland S, Magnussen RA, **Flanigan DC**. Meniscal Repair in Patients Age 40 and Older: A Systematic Review of 11 Studies and 157 Patients. Mid America Orthopaedic Association 2018 Annual Meeting. April 2018 San Antonio, TX. Podium presentation
78. Poland S, Everhart JS, Magnussen RA, **Flanigan DC**. Age Over 40 Does Not Affect Meniscus Repair Failure Rates at 5-Years. Mid America Orthopaedic Association 2018 Annual Meeting. San Antonio, TX. April 2018 Podium presentation
79. Hughes L, Everhart JS, Swank K, Lewis C, **Flanigan DC**. Femoral Nerve Block at Time of ACL Reconstruction Causes Lasting Quadriceps Strength Deficits. Mid America Orthopaedic Association 2018 Annual Meeting. San Antonio, TX. April 2018 Podium presentation
80. Everhart JS, Hughes L, Swank K, Lewis C, **Flanigan DC**. Femoral nerve block for ACL reconstruction causes lasting fast quadriceps activation deficits and may increase contralateral injury risk. AANA 2018 Annual Meeting. Chicago, IL. April 2018 Podium presentation. Winner: J. Whit Ewing Resident/Fellow Research Award
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83. **Flanigan DC**, Everhart JS, Dibartola D, Dusane DH, Abouljoud MM, Magnussen RA, Kaeding C, Stoodley P. Bacterial biofilms are associated with tunnel widening in failed ACL reconstructions. AOSSM 2018 Annual Meeting. San Diego, CA. July 2018 Podium presentation.
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85. Vidal AF, **Flanigan DC**. "MACI with Tibial Tubercle Osteotomy Surgical Demonstration." 2019 Orthopaedic Summit. Las Vegas, NV, December 13, 2019.
86. Carey JL, Remmers AE, **Flanigan DC**. "The Use of MACI (Autologous Cultured Chondrocytes on Porcine Collagen Membrane) in the United States: Preliminary Experience." 72nd Annual Meeting of the Association of Bone and Joint Surgeons. Sea Island, GA, May 2, 2020.
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88. **Flanigan DC**. “Pearls To Dealing With Meniscal Cysts And The Associated Horizontal Cleavage Tear: 5 Tips, 5 Minutes.” 2020 Orthopedic Summit. Virtual, December 10, 2020.
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90. ACL Injury: Getting to consensus in 2020: Anatomic & Graft Type. 2020 Orthopedic Summit. Virtual, December 10, 2020. Session moderator.
91. Flanigan DC. “Evolving Techniques in the Knee Sports, Cartilage & Biologics.” 11th Annual Orthopaedic Summit 2021. Las Vegas, NV, December 13, 2021.

PRESENTATIONS

International

1. Kaeding C, **Flanigan DC**, Pedroza A, Aros B. “Comparison of Patellofemoral Cartilage between Primary Bone Patellar Tendon Bone Autografts versus Other Primary Grafts at the Time of ACL Revision Surgery- A Prospective MOON Cohort Study“ ,7th Biennial ISAKOS Congress, Osaka, Japan, April 5 - 9, 2009.
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3. Wright RW, **MARS GROUP** Revision ACL Reconstruction: Reinjury Mechanism, Failure Mode and Graft Choice from the Multi-Center ACL Revision Study (MARS) Group , International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine 7th Biennial Congress, Osaka Japan, April 5-9, 2009.
4. Wright WR, Spindler KP, **MOON GROUP** Patient Based Outcomes of Revision ACL Reconstruction: 2 year results from the MOON Cohort, International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine 7th Biennial Congress, Osaka Japan, April 5-9, 2009.
5. **Flanigan DC**, Kaeding C, Smith T, “Reasons for Lack of Return to Pre-Injury Level of Function after ACL Reconstruction *International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Annual Meeting*, Rio De Janeiro, Brazil May 14 – 18, 2011.
6. Kaeding C, Pedroza A, Heinlein K, **Flanigan DC**, “The Effect of Platelet-Rich Plasma in Allograft ACL Reconstruction” , *International Society of Arthroscopy, Knee*

Surgery and Orthopaedic Sports Medicine Annual Meeting, Rio De Janeiro, Brazil
May 14 – 18, 2011

7. Magnussen RA, Mariscalco MW, Mitchell J, Pedroza A, Jones M, Andrish JT, Parker RD, Kaeding C, **Flanigan DC**, Smaller Graft Size is Associated with Poorer Outcomes and Increased Risk of Revision 2 Years After Primary ACL Reconstruction with Hamstring Autograft: A MOON Cohort Study, *International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Annual Meeting*, Toronto, Canada May 12-16, 2013
8. **Flanigan DC**. “Psychological Aspects in Sports Medicine,” Scientific Session, Lyon School of Knee Surgery, Central Orthopedique Santy, Lyon, France, April 27, 2014.
9. **Flanigan DC**. “Understanding Size as it Relates to the Algorithm of Treatment for Cartilage Defects of the Knee,” Orthopedic Department Scientific Session, HUG: Hopitaux Universitaires de Geneve, Geneva, Switzerland. May 2, 2014.
10. **Flanigan DC**. “Understanding Size as it Relates to the Algorithm of Treatment for Cartilage Defects of the Knee,” Orthopedic Department Scientific Session, Ambroise Pare Hospital, Boulogne, France. May 5, 2014.
11. **Flanigan DC**. “Understanding Size as it Relates to the Algorithm of Treatment for Cartilage Defects of the Knee,” Orthopedic Department Scientific Session, Policlinico San Donato IRCCS Hospital, Milan, Italy. May 8, 2014.
12. **Flanigan DC**. “How Good are We? Difficulties of Measuring Cartilage Defects,” Orthopedic Department Scientific Session, Oslo University Hospital, Oslo, Norway. May 13, 2014.
13. **Flanigan DC**. “Understanding Size as it Relates to the Algorithm of Treatment for Cartilage Defects of the Knee,” Arthroscopy and Sports Medicine Group, Orthopedic Department, Scientific Session, Oslo University Hospital, Oslo, Norway. May 12, 2014.
14. Lundy N, Shemory S, Stitgen M, **Flanigan DC**, Magnussen RA, Allograft Versus Autograft for Medial Patellofemoral Ligament Reconstruction, *International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine 11th Bienial Congress*, Shanghai, China, June 4-8, 2017
15. Magnussen RA, Binzel K, Zhang J, Wei W, Knopp MU, **Flanigan DC**, Hewett TE, Kaeding C, Knopp MV, ACL Graft Metabolic Activity Assessed by 18FDG PET-MRI *International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine 11th Bienial Congress*, Shanghai, China, June 4-8, 2017
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Failed ACL Reconstructions. ACL Study Group 2018 meeting. Millbrook, New Zealand. Podium Presentation

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18. **Flanigan DC**, Kim W, Everhart JS, Poland S, Magnussen RA. ESSKA Flanigan Meniscal repair failure risk and functional outcomes at 5- years: Does level of competition, sport activity, and age matter? ESSKA 2018 Annual Meeting. Glasgow, UK. May 2018 Podium Presentation
19. **Flanigan DC**, Kaeding C, Peters N, Magnussen RA. Accelerated Rehabilitation after Medial Patellofemoral Ligament Reconstruction does not Increase Risk of Recurrent Instability, ESSKA 2018 Annual Meeting. Glasgow, UK. May 2018 Podium Presentation
20. **Flanigan DC**, Everhart JS, Dibartola A, Magnussen RA, Kaeding C. The Risk of Extrusion: Insights on Meniscus Tear Patterns from the Osteoarthritis Initiative. 12th Biennial ISAKOS Congress, Cancun, Mexico May 2019 Podium Gong Paper #40
21. **Flanigan DC**. “Does Repair of Horizontal /cleavage Meniscus Tears Work? Early Resluts from Prospective Multi-Center STITCH Trial,” Magellan Meeting, Cancun, Mexico, May 2019.
22. **Flanigan DC**. “Advancing Meniscus Repairs: Circumferential Compression Suturing”. 13th Annual Meeting of Japanese Orthopaedic Society of Knee, Arthroscopy and Sports Medicine and the 47th Annual Meeting of the Japanese Orthopaedic Society for Sports Medicine. Virtual, June 2021.
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7. **Flanigan DC**. “Gapping of Meniscus Tears Sutured at Multiple Spacing Increments: A Bovine Cadaveric Model”, Mid-America Orthopaedic Association, April 22-26, 2009
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9. **Flanigan DC**, Likes R, “Meniscal Repair with the MaxFire Device: A Cadaveric Study”, Mid-America Orthopaedic Association, April 22-26, 2009
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OUTREACH

"Our great physician: how are bodies point to our Creator." Presented to 2nd grade class at Worthington Christian Elementary School, Worthington, OH. February 2014.

"Our great physician: how are bodies point to our Creator." Presented to 2nd grade class at Worthington Christian Elementary School, Worthington, OH. March 2015

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