

## **Jeremy M. Burnham, M.D.**

7301 Hennessy Blvd, Ste 200. • Baton Rouge, LA 70808

Phone: 225-766-0050

### EDUCATION AND APPOINTMENTS:

- August 2017 – Present      Bone & Joint Clinic, Baton Rouge, LA  
Sports Medicine and Orthopaedic Surgeon  
Medical Director, Athletic Training Residency
- Jun 2014 – Present          Captain, United States Army Reserve  
U.S. Army Reserve Medical Corps
- Jul 2016 – Jul 2017        University of Pittsburgh Medical Center  
Sports Medicine Fellowship  
*Fellowship Director:* Volker Musahl, MD  
*Fellowship Chairman:* Freddie H. Fu, MD
- Jul 2011 – Jun 2016        University of Kentucky Medical Center, Lexington, KY  
Orthopaedic Surgery Residency Program  
*Residency Directors:* Todd A. Milbrandt, MD and Carter Cassidy, MD  
*Residency Chairman:* Darren L. Johnson, MD
- Jul 2007 – May 2011        Louisiana State University Health Sciences Center, Shreveport, LA  
Doctor of Medicine (MD)
- Jul 1999 – May 2004        Louisiana State University, Baton Rouge, LA  
Bachelor of Science (BS), Biology;  
Dean's List 2000-2002, Chancellor's Top 100

### LEADERSHIP AND COMMITTEES:

- 2016 – 2018                Congressional Ambassador (Louisiana), American Academy of Orthopaedic Surgeons (AAOS)
- 2016 – 2017                Chair, American Academy of Orthopaedic Surgeons (AAOS) Resident Assembly
- 2015 – 2017                AAOS Candidate, Resident, and Fellow Committee
- 2015 – 2016                Vice Chair, AAOS Resident Assembly
- 2015 – 2016                Leader, Global Health Initiative Workgroup, AAOS Resident Assembly
- 2015 - 2016                AAOS Annual Meeting Medical Student Program Workgroup
- 2015 – 2016                Health Policy Committee, AAOS Resident Assembly
- 2013 – 2015                Chair and Orthopedic Surgery Representative, House Staff Council, UK Healthcare
- 2013 – 2015                Resident Representative, UK Healthcare Medical Staff Operating Committee
- 2014                         UK Healthcare Executive Leadership Team, ACGME Clinical Learning Environment Review (CLER) Program

2013 – 2014	Resident Representative, UK Healthcare GME Committee
2010 – 2011	Student Representative, Medical School Admissions Committee, LSUHSC-S
2010 – 2011	American Medical Association (AMA) Liaison, Louisiana State Medical Society, Medical Student Section
2010 – 2011	Chapter Director, Louisiana State Medical Society, LSUHSC-S
2009 – 2011	Medical Curriculum Council, LSUHSC-S
2009 – 2010	President, Orthopaedic Surgery Interest Group, LSUHSC-S

HONORS AND AWARDS:

Emerging Leader, American Orthopaedic Association (AOA), 2016-2017

Ray Neef Memorial (Senior Resident) Award, Department of Orthopaedic Surgery and Sports Medicine, University of Kentucky (UK), 2015 and 2016

UK Healthcare Resident of the Month, November 2015

Resident Leadership Forum, AOA, 2015

Outstanding Junior Resident Award, UK Department of Orthopaedic Surgery and Sports Medicine, 2014

Best Research Presentation Award, Thomas D. Brower Visiting Professor Symposium, UK Department of Orthopaedic Surgery and Sports Medicine, 2014

Intern Teaching Award, UK College of Medicine, 2012.

Outstanding 4th Year Medical Student Award, Department of Orthopaedic Surgery, Louisiana State University Health Sciences Center – Shreveport (LSUHSC-S), May 2011.

Medical Student Research Grant, LSUHSC-S, 2009-2010.

SEC Football Academic Honor Roll, 2002.

Football Letterman, Louisiana State University, 2002.

Coach's Award, Varsity Football Team, Louisiana State University, 2001.

Athletic Director's Cup Award, Louisiana State University, 1999-2002

National Merit Scholar, 1999.

SPECIALIZED TRAINING AND COURSES:

1. Instructor, AANA Sports Medicine Fellows Course, May 2018
2. AANA Modern Trends in Hip Arthroscopy, Surgical Skills Course, April 2017
3. AOSSM The Athlete's Hip, Surgical Skills Course, February 2017
4. AAOS Media and Public Relations Training, March 2015
5. AAOS Clinician-Patient Communication Skills Workshop, April 2015

REVIEWER/EDITORIAL ROLES:

1. Guest Co-Editor, Annals of Joint, Special Issue: *Trends in ACL Reconstruction*, 2017
2. Reviewer, Knee Surgery, Sports Traumatology, Arthroscopy, 2017 – Present
3. Reviewer, British Medical Journal, July 2018 - Present
4. Reviewer, Journal of Surgical Orthopaedic Advances, 2016 – Present
5. Reviewer, Clinical Orthopaedics and Related Research, 2015 – Present

PEER-REVIEWED JOURNAL PUBLICATIONS:

1. Pfeiffer TR, Burnham JM, Hughes J, Kanakamedala AC, Herbst E, Popchak A, Irrgang J, Debski RE, Musahl V. (2018). An Increased Lateral Femoral Condyle Ratio is a Risk Factor for Anterior Cruciate Ligament Injury. JBJS
2. Kanakamedala AC, Burnham JM, Pfeiffer TR, Herbst E, Kowalczyk M, Popchak A, Irrgang J, Fu FH, Musahl V. (2018). Lateral femoral notch depth is not associated with increased rotatory instability in ACL-injured knees: a quantitative pivot shift analysis. KSSTA
3. Hughes JD, Burnham JM, Hirsh A, Musahl V, Fu FH, Irrgang JJ, Lynch AD. (2018) Comparison of Short-Term Biodex Results after Anatomic ACL Reconstruction Between Three Autografts. Orthopaedic Journal of Sports Medicine 6 (7\_suppl4)
4. Pfeiffer TR, Burnham JM, Kanakamedala AC, Hughes JD, Irrgang JJ, Debski R, Musahl F. (2018) A Cam Shaped Femur Might Be A Risk Factor for ACL Injuries. Orthopaedic Journal of Sports Medicine. Vol 6, 7\_suppl4.
5. Musahl V, Burnham JM, Lian J, Svantesson E, Kuroda R, Zaffagnini S, Samuelsson K, PIVOT Study group. (2018). High-grade Rotatory Knee Laxity May Be Predictable in ACL Injuries. KSSTA.
6. Pfeiffer T, Kanakamedala A, Herbst E, Burnham J, Musahl V. (2018). Is Lateral Femoral Notch Depth Associated with Increased Rotatory Instability in ACL-injured Knees? Sports Orthopaedics and Traumatology.
7. Burnham JM, Bradley JP. (2018) MRI Findings Are Only One Part of the Equation in National Football League Athletes: Shoulder Instability in Contact Athletes. Arthroscopy. doi: 10.1016/j.arthro.2017.07/026. PMID: 29304983.
8. Unger RZ, Burnham JM, Gammon L, Malempati CS, Jacobs CA, Makhni EC. (2018) The Responsiveness of Patient-Reported Outcome Tools in Shoulder Surgery is Dependent of the Underlying Pathological Condition. Am J Sports Med. doi: 10.1177/0363546517749213. PMID: 29323925.
9. Shin J, Burnham JM, Pauyo T, Moreau C. (2017). Refractory Pain Following Hip Arthroscopy: Evaluation and Management. *Accepted*, Journal of Hip Preservation Surgery, March 2017. Manuscript No. JHPS-2017-021.
10. Burnham JM, Wright V. (2017) Update on ACL Rupture and Treatment in the Female Athlete. Orthopaedic Clinics of North America, March 2017. doi: 10.1016/j.csm.2017.05.004. PMID: 28886823.
11. Pfeiffer TR, Kanakamedala AC, Herbst E, Nagai K, Murphy C, Burnham JM, Popchak A, Debski RE, Musahl V. (2017). Female Sex is Associated with Greater Rotatory Knee Laxity in Collegiate Athletes. KSSTA. doi: 10.1007/s00167-017-4684-6. PMID: 28823037.

12. Musahl V, Herbst E, Burnham JM, Fu FH. (2017) A Review of the Anterolateral Complex and Anterolateral Ligament of the Knee., *Journal of the American Academy of Orthopaedic Surgeons*. 26 (8), 261-267.
13. McQuerry JL, Burnham JM, Ireland ML, Wright RD. (2017) Delayed Presentation of Thigh Compartment Syndrome in a Previously Undiagnosed Factor VII Deficient High School Football Athlete. *Accepted*, *JBJS Case Connector*, July 2017.
14. Burnham JM, Fu FH. The importance of individualized, anatomic anterior cruciate ligament (ACL) reconstruction. *Annals of Joint*, July 2017. doi: 10.21037/aoj.2017.07.07
15. Wilson BR, Roberson K, Burnham JM, Yonz MC, Ireland ML, Noehren B. (2017) Relationship Between Hip Strength and the Y-Balance Test Composite Score. *Journal of Sport Rehabilitation*, July 2017. doi: 10.1123/jsr.2016-0187 PMID: 28714790.
16. Jacobs CA, Burnham JM, Jochimsen KN, Hunt ER, Malempati CS, Molina D, Hamilton DA, Abt JP, Lattermann C, Duncan ST. (2017) Preoperative Symptoms in Femoroacetabular Impingement Patients Are More Related to Mental Health Scores than the Severity of Labral Tear or Chondral Lesion. *Accepted*, *Journal of Arthroplasty*, June 2017. doi: 10.1016/j.arth.2017.06.053 PMID: 28739309.
17. Burnham JM, Makhni EC, Meta F, Lizzio V, Bozic K. (2017) Technology Assessment and Cost-Effectiveness in Orthopaedics: How to Measure Outcomes and Deliver Value in a Constantly Changing Healthcare Environment. *Current Reviews in Musculoskeletal Medicine*. doi: 10.1007/s12178-017-9407-6. PMID: 28421386.
18. Burnham JM, Pfeiffer T, Shin J, Herbst E, Fu FH. (2017) Bony Morphologic Factors Affecting Injury Risk, Rotatory Stability, Functional Outcomes, and Re-tear Rate after ACL Reconstruction. *Annals of Joint*, June 2017.
19. Herbst E, Albers M, Burnham JM, Fu FH, Musahl V. (2017) Anatomy of the Anterolateral Complex of the Knee. *Accepted*, *Orthopaedic Journal of Sports Medicine*, July 2017.
20. Massey P, Perry KJ, Berken D, James J, Nelson BG, Burnham JM, Hollister A. (2017) Delayed Diagnosis of Pediatric Osseous Blastomycosis of the Hand: A Brief Report. *Hand & Microsurgery*. doi: 10.5455/handmicrosurg/262225.
21. Burnham JM, Malempati C, Carpiaux A, Ireland ML, Johnson DL. (2017) Anatomic Femoral and Tibial Tunnel Placement During Anterior Cruciate Ligament Reconstruction: Anteromedial Portal All-Inside and Outside-In Techniques. *Arthroscopy Techniques*, March 2017. doi: 10.1016/j.eats.2016.09.035. PMID: 28580242.
22. Kline P, Burnham JM, Yonz MC, Johnson DL, Ireland ML, Noehren B. (2017) Hip External Rotation Strength Predicts Hop Performance After Anterior Cruciate Ligament Reconstruction. *Knee Surgery, Sports Traumatology, Arthroscopy*, April 2017. doi: 10.1007/s00167-017-4534-6. PMID: 28378137.
23. Burnham JM, Albers M, Herbst E, Fu FH. (2017) Individualized, Anatomic Anterior Cruciate Ligament (ACL) Reconstruction. *World Clinics in Orthopedics*, *Accepted*

24. Arner JW, Herbst E, [Burnham JM](#), Rahnemai-Azar AA, Soni A, Naendrup J, Popchak A, Fu FH, Musahl V. (2017) MRI Can Accurately Detect Meniscal Ramp Lesions of the Knee. *Knee Surgery, Sports Traumatology, Arthroscopy*, doi: 10.1007/s00167-017-4523-9. PMID: 28343325.
25. [Burnham JM](#), Willis CB, Ireland ML. (2017) Can Femoral Tunnel Reaming Method in ACL Reconstruction Be Determined from Plain Radiographs Alone? *Accepted Pending Submitted Revisions*, *Journal of Surgical Orthopaedic Advances*, March 2017.
26. Herbst E, Albers M, [Burnham JM](#), Shaikh HS, Naendrup J, Fu FH, Musahl V. (2017) The Anterolateral Complex of the Knee: A Pictorial Essay. *Knee Surgery, Sports Traumatology, Arthroscopy*, doi: 10.1007/s00167-017-4449-2. PMID: 28233023.
27. Musahl V, Getgood A, Neyret P, Claes S, [Burnham JM](#), Batailler C, Sonnerty-Cottet B, Williams A, Amis A, Zaffagnini S, Karlsson, J. (2017) Contributions of the Anterolateral Complex (ALC) and the Anterolateral Ligament (ALL) to Rotatory Knee Stability in the Setting of ACL Injury: A Roundtable Discussion. *Accepted*, *Knee Surgery, Sports Traumatology, Arthroscopy*, April 2017. doi: 10.1007/s00167-017-4436-7. PMID: 28286916.
28. Herbst E, [Burnham JM](#), Albers M, Musahl V, Fu FH. (2017) Layer-by-Layer Anatomy of the Anterolateral Complex of the Knee. *Operative Techniques in Orthopaedics*, doi: 10.1053/j.oto.2017.02.002.
29. Rahnemai-Azar AA, Zlotnicki J, [Burnham JM](#), Guenther D, Soni A, Debski RE, Musahl V. (2017) Secondary Stabilizers of the ACL Deficient Knee. *Operative Techniques in Orthopaedic Surgery*, doi: 10.1053/j.oto.2017.02.005.
30. [Burnham JM](#), Herbst E, Pauyo T, Johnson DL, Fu FH, Musahl V. (2016) Technical Considerations in Revision ACL Surgery. *Accepted*, *Operative Techniques in Orthopaedics*, October 2016. <http://dx.doi.org/10.1053/j.oto.2017.01.012>.
31. Jacobs CA, [Burnham JM](#), Malempati C, Makhni EC, Swart E, Johnson DL. (2016). Allograft Augmentation of Hamstring Autografts for Young Patients Undergoing ACL Reconstruction: Clinical and Cost-Effectiveness Analyses. *American Journal of Sports Medicine*. Doi: 10.1177/0363546516676079. PMID: 28298052.
32. [Burnham JM](#), Herbst E, Albers M, Pauyo T, Fu FH. (2016) The Anterolateral Complex of the Knee: A Comprehensive Review of Its Structure and Function. *Journal of Clinical Orthopaedics*, October 2016. doi: 10.13107/jcorth.2454-5473.141.
33. Goldberg J, [Burnham JM](#), Dhawan V. (2016) Subcutaneous Ulnar Nerve Transposition Using Osborne's Ligament as a Ligamentodermal or Ligamentofascial Sling. *Accepted*, *American Journal of Orthopedics*. Manuscript No. AMJORTHOP-D-15-00220.
34. [Burnham JM](#), Yonz MC, Robertson K, McKinley R, Wilson BR, Johnson DL, Ireland ML, Noehren B. (2016) Correlation of Hip and Trunk Dysfunction with Single Leg Step-Down Performance. *PTIS* doi: 10.1016/j.ptsp.2016.05.007 PMID: 27592407.
35. [Burnham JM](#), Kim D, Kamineni S. (2016) Midshaft Clavicle Fractures: A Critical Review. *Orthopedics* 39(5). PMID: 27220117.
36. [Burnham JM](#), Howard J, Lattermann CL. (2015) Medial Patellofemoral Ligament Reconstruction with Concomitant Tibial Tubercle Transfer: A Systematic Review of Outcomes and Complications. *Arthroscopy*. doi: 10.1016/j.arthro.2015.11.039. PMID: 26882966.

37. Duncan ST, Khazzam MS, Burnham JM, Spindler KP, Dunn WR, Wright RW. (2015). Sensitivity of Standing Radiographs to Detect Knee Arthritis: A Systematic Review of Level I Studies. *Arthroscopy*, 31(2),321-328. doi: 10.1016/j.arthro.2014.08.023. PMID: 25312767.
38. Burnham JM, Broussard M, Milbrandt TA. (2014). Bilateral Pulmonary Embolism in an Adolescent with Sickle Cell Disease and a Recent Total Hip Arthroplasty. *The Iowa Orthopaedic Journal*, 34, 107-110. PMID: 25328468.
39. Burnham J, Hollister A, Rush D, Avallone T, Shi R, Jordan J. (2011). Technique for and an Anatomic Guide to Forearm Tendon Repair. *Techniques in Hand & Upper Extremity Surgery*, 15(2), 125-132. doi: 10.1097/BTH.0b013e318201ba07. PMID: 21606787.
40. Cardenas RJ, Javalkar V, Ezer H, Burnham J, Nanda A. (2011). Occipital Interhemispheric Transtentorial Approach to the Superior Cerebellum. *J Clin Neurosci*, 18(1), 128-130. doi: 10.1016/j.jocn.2010.04.053. PMID: 20947356.

#### BOOKS AND BOOK CHAPTERS:

1. Burnham JM, Vyas D, Fu FH. (2017) Orthopedic Surgery. In Brunicardi, Andersen, Billiar, Dunn, Hunter, Matthews, and Pollock (Ed.), *Schwartz's Principles of Surgery* (11<sup>th</sup> ed.): McGraw Hill. *Pending Publication*.
2. Burnham JM, Makhni EC, Verma N. (2017) Outcomes Reporting in Orthopaedic Surgery. *In Progress*.
3. Murphy C, Gasparro G, Pfeiffer T, Burnham JM, Musahl V. (2017) Current State for Clinical Use of Stem Cells and Platelet Rich Plasma. In A. Gobbi (Ed.), *Bio-Orthopaedics: A New Approach* (2017): ISAKOS.
4. Burnham JM, Gasparro G, Arner J, Pfeiffer T, Musahl V. (2017). Ethical Issues in Return to Play – Dealing with Parents and Coaches. In V. Musahl, Karlsson, Krutsch, Mandelbaum, Mendes (Ed.), *Return to Play in Football: An Evidence Based Approach* (1<sup>st</sup> ed.): Springer. *Pending Publication*.
5. Kowalczyk M, Burnham JM, Fu FH. (2017). Individualized Anatomic ACL Reconstruction. In F. H. Fu and B. Lesniak (Eds.), *Master Techniques in Orthopaedic Surgery: Sports Medicine* (2<sup>nd</sup> Edition): Walters Kluwer. *Pending Publication*.
6. Burnham JM, Kowalczyk M, Fu FH. (2017). Single Bundle Augmentation of Partial ACL Tears. In F. H. Fu and B. Lesniak (Eds.), *Master Techniques in Orthopaedic Surgery: Sports Medicine* (2<sup>nd</sup> Edition): Walters Kluwer. *In Progress*.
7. Burnham JM, Hughes J, Zlotnicki J, Musahl VM. (2017). Osteotomies About the Knee. In F. H. Fu and B. Lesniak (Eds.), *Master Techniques in Orthopaedic Surgery: Sports Medicine* (2<sup>nd</sup> Edition): Walters Kluwer. *In Progress*.
8. Burnham JM, Latterman C. (2017). Autologous Chondrocyte Implantation. In F. H. Fu and B. Lesniak (Eds.), *Master Techniques in Orthopaedic Surgery: Sports Medicine* (2<sup>nd</sup> Edition): Walters Kluwer. *In Progress*.
9. Burnham JM, Wright V. (2017). Hip Arthroscopy. In F. H. Fu and B. Lesniak (Eds.), *Master Techniques in Orthopaedic Surgery: Sports Medicine* (2<sup>nd</sup> Edition): Walters Kluwer. *In Progress*.
10. Burnham JM, Murphy C, D'Auria J, Musahl V. (2017) Knee Dislocations. *In Progress*.

11. Burnham JM, Murr K, & Kamineni S. (2016). Arthroscopy of the Elbow: The Basics. In G. S. Kulkarni (Ed.), *Textbook of Orthopaedics and Trauma* (3rd ed., Vol. 3, pp. 2008-2014): Jaypee Brothers.

#### PRINT/NEWS MEDIA:

1. Burnham JM. Disruptive, Immediate Impact: Point-Counterpoint to “Interest Expands as Wearable Technology Advances.” *Orthopedics Today*, July, 2018.
2. Marinello P, Gad B, Burnham JM. The National Orthopaedic Leadership Conference: A Resident’s Perspective. *AAOS Now*. July, 2016.
3. Burnham JM, Frank R. Sports Medicine Research at the 2016 Annual Meeting: Part 2 – Upper Extremity and Return-to-Play. *AAOS Now*. May, 2016.
4. Burnham JM, Frank R. Sports Medicine Research at the 2016 Annual Meeting: Part 1 – Basic Science, Lower Extremity, and Cost-Effectiveness. *AAOS Now*. April, 2016.
5. Burnham JM. The AAOS Resident Assembly: A Look Back on the Inaugural Year. *AAOS Now*. April, 2016.
6. Erickson B, Burnham JM. Effect of Work Hour Restrictions on Orthopaedic Residency. *AAOS Now*. January, 2016.
7. Harwood JL, Burnham JM. Leadership in Orthopaedics: A Personal Journey. *AAOS Now*. September, 2015.
8. Burnham JM, Harwood JH. Wearable Technology: Implications for Orthopaedic Surgery. *AAOS Now*. August, 2015.
9. Erickson B, Burnham JM, Harwood JL, Frank R. What are the Essential Reads for Orthopaedic Residents? A Call for a National Orthopaedic Surgery Reading List. *AAOS Now*. August, 2015.
10. Burnham JM. Importance of Core Strength in Overall Health. *Lexington Herald-Leader*. October 26, 2014.

#### NEWS/MEDIA MENTIONS:

1. Leahy M. Medial Student Program Debuts at Annual Meeting. *AAOS Now*, June 2016.
2. Tomaino MM. Is Your Team More Than a Group of Individuals? *AAOS Now*, February, 2016.
3. Frank RM. Fellow Residents: This Is Our Time. *AAOS Now*, March, 2015.
4. Frank RM. AAOS Resident Assembly hold inaugural meeting. *Orthopedics Today Blog*, March, 2015.
5. Midley, Connie. Daily Exercise Improves Overall Health. *Vim & Vigor*. December, 2015.

#### NATIONAL AND REGIONAL INSTRUCTIONAL LECTURES:

1. Burnham JM, (2018) Meniscal Tears – Anatomic MCL Reconstruction; AANA Fellow’s Course Meeting. May 2018; Chicago, Illinois.

2. Burnham JM, (2018) Biologics – Sports Medicine Update; AANA Fellow’s Course Meeting. May 2018; Chicago, Illinois.
3. Burnham JM, Ireland ML, Johnson DL, Rodeo S. (2017) Meniscal Tears - Cases That Beg The Question: To Repair, To Leave, To Enhance, To Resect, To Transplant, AOSSM Annual Meeting. July 22, 2017; Toronto, Canada.
4. Burnham JM, Hutchinson M, Noehren B, Ireland ML. (2017) Beyond Meniscectomy: Nonoperative and Operative Treatment Strategies for Meniscal Tears. Symposium, ACSM Annual Meeting. June 1 2017; Denver, CO.
5. Burnham JM, Ireland ML. (2017) Evidence Based Return-to-Play after ACL Reconstruction: Which Tests Are Best and How Do We Use Them? Tutorial Lecture, ACSM Annual Meeting. June 1, 2017; Denver, CO.
6. Burnham JM, Cronin K, Krueger C, Cannada L. (2017) Orthopaedic Surgery Involvement in Advocacy. Instructional Course Symposium, AAOS National Orthopaedic Leadership Conference. April 23, 2017; Washington, DC.
7. Burnham JM, Roberts J, Mulcahey M, LaBaze D, Schreiber V, Harwood JL, Logan CA, Murawski C, Cinque M. (2017) Skills Session and Panel Discussion, Medical Student Program, AAOS Annual Meeting, March 15, 2017.
8. Cannada L, Burnham JM, Schreiber V, Jensen A. (2016) The Paradigm Shift in Resident Education. Symposium, AAOS Fall Meeting, October 22, 2016.
9. Burnham JM. (2016) Life as an Orthopaedic Surgery Resident. Medical Student Program, AAOS Annual Meeting. March 2, 2016.
10. Burnham JM, Harwood JL, Skelley N. (2015) Your Voice Will Be Heard: Resident Assembly Action Items. AAOS Webinar, January 12, 2016.

#### NATIONAL AND REGIONAL VIDEO PRODUCTIONS & SCIENTIFIC EXHIBITS:

11. Malempati C, Burnham JM, Jacobs CA, Johnson DL. (2017) Anatomic Femoral and Tibial Tunnel Placement During Anterior Cruciate Ligament Reconstruction with the Use of Hybrid Hamstring Autograft and Allograft. *Orthopaedic Video Theater, American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, San Diego, CA; March 2017.*

#### NATIONAL AND REGIONAL PODIUM AND POSTER PRESENTATIONS:

1. Burnham JM, Pfeiffer TR, Kanakamedala AC, Herbst E, Zlotnicki J, Rahnama-Azar A, Kowalczyk M, Debski R, Musahl V (2017). Lateral Femoral Notch Depth is not Associated with Rotatory Instability in ACL Deficient Knees: A Quantitative Pivot Shift Analysis. *Poster Presentation, American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, July 20-23, 2017; Toronto, Canada.*
2. Unger RZ, Burnham JM, Howard JS, Malempati C, Jacobs CA, Lattermann C, Makhni E(2017). Responsiveness of Patient-Reported Outcome Measures After Shoulder Instability Surgery: A Systematic



Review and Meta-Analysis. *Poster Presentation, American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, July 20-23, 2017; Toronto, CA.*

3. Burnham JM, Whale C, King PM, Jochimsen K, Howard JS, Malempati C, Mattacola CG, Jacobs CA, Lattermann C (2017). Lower Mental Component Scores are Associated with Lower Return-to-Work Rates after Patellofemoral Autologous Chondrocyte Implantation. *Poster Presentation, American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, July 20-23, 2017; Toronto, CA.*
4. Burnham JM, Rahnemai-Azar A, Soni A, Arner J, Zlotnicki J, Zaffagnini S, Popchak A, Musahl V (2017). Rotatory Instability in Patients Undergoing Revision ACL Reconstruction: A Prospective Comparative Study. *Poster Presentation, International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Annual Meeting, June 4-8, 2017; Shanghai, China.*
5. Burnham JM, Arner J, Herbst E, Soni A, Rahnemai-Azar A, Naendrup J, Popchak A, Musahl V (2017). Diagnostic Accuracy of MRI for Ramp Lesions of the Knee. *Podium Presentation, ISAKOS Annual Meeting, June 4, 2017; Shanghai, China.*
6. Burnham JM, Jacobs C, King P, Howard J, Jochimsen K, Malempati C, Mattacola C, Lattermann C. (2017). Lower Preoperative VR-12 Mental Component Scores Are Associated with Longer Return-to-Work Delays after MPFL Reconstruction. *Poster Presentation, American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting; March 14, 2017; San Diego, CA.*
7. Jacobs C, Burnham J, Malempati C, Molina D, Hamilton D, Jochimsen K, Hunt E, Duncan ST (2017). Preoperative Symptoms in Femoroacetabular Impingement Patients Are More Related to Mental Health Scores than the Condition of the Local Tissue. *Podium Presentation, American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting; March 14, 2017; San Diego, CA.*
8. Jacobs, CA, Burnham JM, Duncan ST. (2016) Preoperative Systems in Femoroacetabular Impingement Patients Are More Related to Mental Health Scores than the Condition of the Local Tissue. *Podium Presentation, American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting, Dallas, TX; November 13, 2016.*
9. Burnham JM, Jacobs CA, King P, Whale Conley CE, Howard JS, Jochimsen KN, Malempati CS, Mattacola CG, Latterman C. (2016) Lower VR-12 Mental Component Scores Are Associated with Lower Return-to-Work Rates After Patellofemoral ACL. *Podium Presentation, International Cartilage Repair Society (ICRS) Annual Meeting, Sorrento-Naples, Italy; September 25, 2016.*
10. Burnham JM, Jacobs CA, Whale CE, Howard JS, Lattermann C. (2016) Preoperative Bone Marrow Lesions and Pain After Tibial Tubercle Transfer. *Poster, Southern Orthopaedic Association (SOA) Annual Meeting, Naples, FL; July 27-30, 2016.*
11. Burnham JM, McQuerry J, Wright, RD, Ireland ML. (2016) Thigh Compartment Syndrome in a Factor VII Deficient High School Football Player. *Podium Presentation, American College of Sports Medicine (ACSM) Annual Meeting, Boston, MA; June 2, 2016.*
12. Burnham JM, Yonz MC, Ireland ML, Noehren B. (2016) Y-Balance Limb Asymmetry in ACL Reconstructed Patients Cleared for Return-to-Play. *Poster, ACSM Annual Meeting, Boston, MA; June 3, 2016*
13. Yonz MC, Alcorn C, Burnham JM, Johnson DL, Ireland ML, Noehren B. (2016) Hip Strength Correlates to Improved Hop Test Performance After ACL Reconstruction. *Podium Presentation, ACSM Annual Meeting, Boston, MA; June 4, 2016*

14. Burnham JM. (2016) Who's in the Room: Introduction to the Resident Assembly. Podium Presentation, National Orthopaedic Leadership Conference (NOLC), Washington, DC; May 4, 2016.
15. Burnham JM, Yonz MC, Ireland ML, Noehren B. (2016) ACL Reconstructed Patients have Persistent Hip Strength and Functional Deficits after Return-to-Play. *Podium Presentation, Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL; April 14, 2016.*
16. Burnham JM, Willis CB, Ireland ML. (2016) Can ACL Reaming Method Be Determined from Plain X-rays? *Poster, Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL; April 14, 2016.*
17. Jacobs C, Burnham JM, Whale CE, Howard JS, Lattermann C. (2016) Preoperative Bone Marrow Lesions were not Associated with Increased Pain Before or After Tibial Tubercle Transfer. *Poster, Orthopaedic Research Society (ORS) Annual Meeting, Orlando, FL; March 5-8, 2016.*
18. Burnham JM, Yonz MC, Ireland ML, Noehren B. (2016) ACL Reconstructed Patients have Persistent Hip Strength and Functional Deficits after Return-to-Play. *Podium and Poster Presentation, American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Orlando, FL; March 1-5, 2016. Selected for Sports Medicine Guided Poster Tour/Presentation on March 1, 2016 and the Sports Medicine/Arthroscopy Guided Poster Tour/Presentation on March 3, 2016.*
19. Broster S, Burnham JM, Spicer P, Kamineni S. (2015) Assessment of Shoulder Radiographs for Findings Correlating with Rotator Cuff Tears. *Poster, Southern Orthopaedic Association Annual Meeting, Asheville, NC; July 15-18, 2015.*
20. Murr K, Unger Z, Burnham J, & Moghadamian E. (2015). Post-Traumatic Avascular Necrosis in Talar Neck Fractures with Extension into the Talar Body. *Runner-Up Award at 2014 Kentucky Orthopaedic Association Annual Meeting, Louisville, KY, September 17, 2014. AAOS 2015 Annual Meeting, Las Vegas, NV, March 24-28, 2015.*
21. Burnham JM, Carpiaux, A Murr K, Ashley P, Tackett T, Duncan ST, & Milbrandt TA. (2014) Computer History and Physical Notes Improve Interdisciplinary Communication but Take Longer to Complete. *Presented at the 2015 Kentucky Orthopaedic Association Annual Meeting, Louisville, KY, September 17, 2014.*
22. Burnham JM, Hennig P, & Ireland ML. (2014). Knee Pain in a 33-year-old Recreational Athlete. *Podium Presentation, ACSM Annual Conference, in Orlando, FL, May 27-31, 2014.*
23. Burnham J, Yonz MC, Patel A, Robertson K, Ireland ML & Noehren B. (2014). What Does the Single Leg Step Down Test Measure? Contributions of Core and Hip Strength. *National Conference on Undergraduate Research, in Lexington, KY, April 3-5, 2014; ACSM Annual Conference, in Orlando, FL, May 27-31, 2014.*
24. Yonz MC, Burnham J, Ireland ML, & Noehren B. (2014). Are Core and Hip Strength Better Predictors of Hop Test Performance? *Poster, ACSM Annual Conference, in Orlando, FL, May 27-31, 2014.*
25. McKinley R, Burnham J, Yonz, MC, Robertson K, Patel, A, Ireland ML, Noehren B. (2014). Can Core Strength Influence the Knee Valgus Angle During a Step Down Test? *Poster, ACSM Annual Conference, in Orlando, FL, May 27-31, 2014.*
26. Robertson K, Burnham J, Yonz, C, Patel A, Ireland ML, Noehren B. (2014). The Relationship between Hip Strength and the Y-Balance Test. (2014). *Poster, ACSM Annual Conference, in Orlando, FL, May 27-31, 2014.*

27. Norgren, C, Burnham, J, Davidson, E, Deane, A, & Kamineni, S. (2013). Posterior Interosseous Nerve Localization In The Proximal Forearm - A Patient Normalized Localizing Parameter. *Podium Presentation, Eastern Orthopaedic Association Annual Meeting in Miami, FL, November 2, 2013.*
28. Kamineni, S, Murr, K, Burnham, J, & Ankem, H. (2013). Functional Outcomes of Primary Total Elbow Replacements Comparing Two Surgical Approaches. *Podium Presentation, 12<sup>th</sup> International Congress of Shoulder and Elbow Surgery in Nagoya, Japan, April 11, 2013.*
29. James, J, Heaton, JM, Burnham, JM, Hollister, AM, Bocchini, JA, & Thomas, J. (2012). Right Ring Finger Blastomycosis Osteomyelitis in a Thirteen-Year-Old Male: A Case Report. *Poster, Louisiana Orthopaedic Association Annual Meeting in New Orleans, LA, April 2012.*
30. Burnham, J, Coyner, JL, & Graham, DD. (2010). Outcomes of Geriatric Trauma Patients at a Level 1 Trauma Center. *Podium Presentation, Southeast Regional SAEM Meeting in Birmingham, AL on April 9, 2010, and the Society of Academic Emergency Medicine Annual Meeting in Phoenix, AZ, June 3-6, 2010.*
31. Burnham, JM, Hollister, AM, Rush, DA, Avallone, TJ, Shi, R, & Jordan, J. (2010). Cadaveric Study of Forearm Muscle Tendon Anatomy as Relevant to Laceration Repair. *Poster, Louisiana Orthopaedic Association Annual Meeting in New Orleans, LA, April 9-10, 2010.*
32. Massey, P, James, J, Shamieh, S, Burnham, J, & Hollister, A. Dual-Energy X-Ray Absorptiometry (DEXA) Study of Younger Patients versus Elderly Patients with Distal Radius Fractures. *Poster, Louisiana Orthopaedic Association Annual Meeting in New Orleans, LA, April 8-9, 2009.*

#### PEER-REVIEWED JOURNAL SUBMISSIONS:

1. Burnham JM, Ireland ML, Johnson DL, Noehren B. (2017) The Role of Hip, Core, and Trunk Strength in Lower Extremity Injury. *Invited Submission (Submitted), Journal of the American Academy of Orthopaedic Surgeons, November 2016. Manuscript No. JAAOS-D-16-00277.*
2. Malempati CS, Burnham JM, Johnson DL. (2016) Arthroscopic Posterior Meniscal Root Repair Using Sutures Through a Transtibial Tunnel. *Invited Submission, Orthopedics, February 2016. Manuscript No. ORTHO-2016-143.*
3. Eads R, Burnham JM, Hennig, P, Ireland ML. (2016) Candidal Septic Arthritis Masquerading as a Twisting Injury of the Knee. *Submitted, Iowa Orthopaedic Journal, January 2016.*
4. Yonz MC, Burnham JM, Noehren B, Ireland ML. (2015) Relationship Between Trunk, Hip, and Knee Extension Strength to Hop Test Performance. *Submitted, Medical Science in Sports and Exercise, June 2015.*

#### CURRENT RESEARCH PROJECTS:

1. Burnham JM, Pfeiffer T, Herbst E, Hughes J, Musahl V. (2016). Lateral Femoral Notch Depth is Associated with Tibial Acceleration during Quantitative Pivot Shift. Status: *Manuscript Creation, Abstract Submitted to 2017 AOSSM.*
2. Pfeiffer T, Burnham JM, Hughes J, Musahl V. (2016). Tomahawk Ratio is Associated with Tibial Translation during Quantitative Pivot Shift. Status: *Manuscript Creation, Abstract Submitted to 2017 AOSSM.*

3. Burnham JM, Malempati CS, Rao A, Unger Z, Howard JS, Lattermann C, Jacobs C, Makhni EC. (2016). Responsiveness of Patient Reported Outcomes (PROs) after Anterior Cruciate Ligament Reconstruction. Status: *Manuscript Creation, Abstract Submitted to 2017 AOSSM*.
4. Jacobs C, Burnham JM, Malempati CS, Molina D, Hamilton D, Jochimsen K, Hunt E, Duncan ST. (2016) Preoperative Symptoms for Femoroacetabular Impingement Patients Are More Related to Mental Health Scores than the Condition of the Local Tissue. *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting and 2016 AAHKS Annual Meeting*.
5. Burnham JM, Unger Z, Gammon L, Malempati CS, Jacobs C, Makhni EC. (2016). Responsiveness of Patient Reported Outcomes (PROs) after Arthroscopic Rotator Cuff Surgery. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting*.
6. Burnham JM, Jacobs CA, Malempati CS, King P, Howard JS, Lattermann C. (2016) Preoperative Mental Health Status Correlates with Postoperative Return-to-Work after MPFL Reconstruction. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting*.
7. Burnham JM, Hamilton DA, Molina D, Jochimsen K, Hunt E, Jacobs CA, Duncan ST. (2016). Lower Preoperative VR-12 Mental Component Scores Are Associated with Lower Return-to-Work Rates After Arthroscopic Acetabular Labral Repair. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting and 2016 AAHKS Annual Meeting*.
8. Unger RZ, Burnham JM, Jacobs CA, Gammon L, Malempati CS, Howard JS, Latterman C, Makhni EC. (2016) Responsiveness of Patient-Reported Outcome Measures After Shoulder Instability Surgery: A Systematic Review and Meta-Analysis. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting*.
9. Malempati CS, Jacobs CA, Burnham JM, Barret TJ, Lattermann C. (2016) Comparison of Early Revision Rates with Inlay Versus Onlay Patellofemoral Arthroplasty: A Systematic Review and Meta-Analysis. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting and 2016 AAHKS Annual Meeting*.
10. Malempati CS, Jacobs CA, Burnham JM, Latterman C. (2016) Potential Errors In Tibial Tubercle-Trochlear Groove Measurements Associated With Valgus And Rotational Alignment Are Not Clinically Meaningful. *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting*.
11. Hines A, Jacobs CA, Conley C, Burnham JM, Malempati CS, Lattermann C. (2016) Return to Sport Significantly Worse Following Patellofemoral Articular Cartilage Procedures than Tibiofemoral Procedures: A Systematic Review. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting*.
12. Malempati CS, Jochimsen KN, Jacobs CA, Unger RZ, Burnham JM, Duncan ST. (2016) Return to Sport After Acetabular Labral Repair in Competitive Athletes: A Systematic Review. Status: *Manuscript Creation, Abstract Submitted to 2017 AAOS Annual Meeting and 2016 AAHKS Annual Meeting*.
13. Burnham JM, Carpiaux, A, Murr, K, Ashley, P, Tackett, T, Duncan, ST, & Milbrandt, TA. (2015) Comparison of Electronic Health Records and Paper Orthopaedic History and Physical Documentation. Status: *Manuscript Under Revision*.
14. Murr, K, Unger, Z, Burnham J, Wright, R, & Moghadamian, E. (2015) Proximal Extension of Talar Neck Fractures is a Predictor for Avascular Necrosis. Status: *Manuscript Under Revision; Presented at 2015 AAOS Annual Meeting*.

UNIVERSITY PRESENTATIONS/GRAND ROUNDS:

1. Revision ACL Reconstruction. Presented at University of Pittsburgh Sports Medicine Grand Rounds in Pittsburgh, PA, June 1, 2017.
2. Revision Shoulder Stabilization Procedures. Presented at University of Pittsburgh Sports Medicine Grand Rounds in Pittsburgh, PA, May 14, 2017.
3. Pneumothorax in College Football. Presented at University of Pittsburgh Sports Medicine Grand Rounds in Pittsburgh, PA, November 10, 2016.
4. Cervical Spine Injuries in Sports Medicine. Presented at University of Pittsburgh Sports Medicine Grand Rounds in Pittsburgh, PA, November 3, 2016.
5. Meniscus: Anatomy, Biomechanics, and Treatment Options. Presented at University of Pittsburgh Sports Medicine Grand Rounds in Pittsburgh, PA, October 5, 2016.
6. The Importance of Orthopaedic Surgeon Involvement in Political Advocacy. Presented at University of Kentucky Orthopaedic Surgery Grand Rounds in Lexington, KY, May 16, 2016.
7. Leadership in Orthopaedics. Presented at University of Kentucky Orthopaedic Surgery Grand Rounds in Lexington, KY, September 17, 2015.
8. Extensor Mechanism Allograft Reconstruction after Revision Total Knee Arthroplasty. Presented at the 25<sup>th</sup> Annual Thomas D. Brower Visiting Professor Symposium with Dr. Craig Della Valle. Lexington, KY, June 18, 2015.
9. Arthroscopic Treatment of Femoral Cam Lesion after In Situ Screw Fixation of Slipped Capital Femoral Epiphysis in an Adolescent Female. Presented at the 18<sup>th</sup> Annual Kosair Lecture, Shriners Hospital for Children, Lexington, KY, December 12, 2014.
10. Fact or Fiction: Can Electronic Medical Records Improve Multidisciplinary Communications for Orthopaedic Trauma Patients? Presented at the University of Kentucky Orthopaedic Surgery 24<sup>th</sup> Annual Thomas D. Brower Visiting Professor Symposium with Dr. Shepard Hurwitz. Lexington, KY, June 13, 2014. *Awarded Best Research Presentation.*
11. The Benefit of Improved Communication versus Time Inefficiency of an Electronically Inputted Medical Record in a Busy Level 1 Trauma Center. Presented at University of Kentucky Graduate Medical Education Annual Quality Improvement Symposium, Lexington, KY, June 11, 2014.
12. Core Stability and Hip Strength Relative to ACL Injury Risk and Return to Play: A Prospective Study and Review of the Literature. Presented at University of Kentucky Orthopaedic Surgery Grand Rounds, Lexington, KY, August 21, 2013.
13. Tunnel Placement in ACL Reconstruction: Can Plain Radiographs Accurately Assess Tunnel Position and Reaming Method? Presented at University of Kentucky Orthopaedic Surgery 23<sup>rd</sup> Annual Thomas D. Brower Visiting Professor Symposium with Dr. James Andrews, Lexington, KY, June 14, 2013.

14. Proposed Improvements in the UK Electronic Medical Record System (Quality Improvement Initiative). Presented at the University of Kentucky Orthopaedic Surgery Grand Rounds on Quality Improvement, Lexington, KY, November 2012.
15. An Adolescent with Sickle Cell Presenting with Chest Pain 2 Weeks Status Post Total Hip Arthroplasty. Case presentation at LSUHSC-S Department of Pediatrics Grand Rounds, Shreveport, LA, March 16, 2010.