

Nick R. Johnson, MD

EDUCATION

Undergraduate Education

University of Oklahoma, Bachelor of Science in Biomedical Studies: 8/25/2009- 8/14/2015

Graduate Education and Training

University of Oklahoma Health Sciences Center, MD (8/11/2013-5/19/2018)

Mayo Clinic Orthopedic Research Fellowship, 2016-2017

Mentors: Dr. Aaron J. Krych, Dr. Bruce A. Levy, Dr. Diane L. Dahm, and Dr. Michael J. Stuart
-4/1/2016-4/01/2017

Post-Graduate Training

Carolinas Medical Center/OrthoCarolina Orthopedic Surgery Residency, Class of 2023
(7/1/2018-6/30/2023)

OrthoCarolina Adult Reconstruction Fellowship

8/1/2023-7/31/2024

Membership and Honorary/Professional Societies

Alpha Omega Alpha (AOA)

RESEARCH

Peer-Reviewed Publications

1. Krych AJ, Pareek A, King AH, Johnson NR, Stuart MJ, Williams RJ 3rd. Return to sport after the surgical management of articular cartilage lesions in the knee: a meta-analysis. *Knee Surg Sports Traumatol Arthrosc.* 2017 Oct;25(10):3186-3196. doi: 10.1007/s00167-016-4262-3. Epub 2016 Aug 18. PMID: 27539401.
2. Krych AJ, Reardon PJ, **Johnson NR**, Mohan R, Peter L, Levy BA, et al. Non-operative management of medial meniscus posterior horn root tears is associated with worsening arthritis and poor clinical outcome at 5-year follow-up. *Knee Surgery, Sport Traumatol Arthrosc* 2017;25:383–9. <https://doi.org/10.1007/s00167-016-4359-8>.

3. Sanders TL, Pareek A, **Johnson NR**, Stuart MJ, Dahm DL, Krych AJ. Patellofemoral Arthritis after Lateral Patellar Dislocation: A Matched Population-Based Analysis. *Am J Sports Med* 2017;45:1012–7. <https://doi.org/10.1177/0363546516680604>.
4. Samuelsen BT, Webster KE, **Johnson NR**, Hewett TE, Krych AJ. Hamstring Autograft versus Patellar Tendon Autograft for ACL Reconstruction: Is There a Difference in Graft Failure Rate? A Meta-analysis of 47,613 Patients. *Clin Orthop Relat Res* 2017;475:2459–68. <https://doi.org/10.1007/s11999-017-5278-9>.
5. Krych AJ, O'Malley MP, **Johnson NR**, Mohan R, Hewett TE, Stuart MJ, et al. Functional testing and return to sport following stabilization surgery for recurrent lateral patellar instability in competitive athletes. *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:711–8. <https://doi.org/10.1007/s00167-016-4409-2>.
6. Mohan R, Webster KE, **Johnson NR**, Stuart MJ, Hewett TE, Krych AJ. Clinical Outcomes in Revision Anterior Cruciate Ligament Reconstruction: A Meta-analysis. *Arthrosc - J Arthrosc Relat Surg* 2018;34:289–300. <https://doi.org/10.1016/j.arthro.2017.06.029>.
7. Krych AJ, **Johnson NR**, Mohan R, Dahm DL, Levy BA, Stuart MJ. Partial meniscectomy provides no benefit for symptomatic degenerative medial meniscus posterior root tears. *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:1117–22. <https://doi.org/10.1007/s00167-017-4454-5>.
8. Ansari MH, Pareek A, **Johnson NR**, Abdel MP, Stuart MJ, Krych AJ. Clinical outcome of total knee arthroplasty after prior microfracture: A matched cohort study. *Orthopedics* 2017;40:e473–8. <https://doi.org/10.3928/01477447-20170223-02>.
9. Sanders TL, Pareek A, Obey MR, **Johnson NR**, Carey JL, Stuart MJ, et al. High rate of osteoarthritis after osteochondritis dissecans fragment excision compared with surgical restoration at a mean 16-Year Follow-up. *Am J Sports Med* 2017;45:1799–805. <https://doi.org/10.1177/0363546517699846>.
10. **Johnson NR**, Skinner S, Haleem AM. All-Arthroscopic Treatment of Dependent Osteochondral Lesions of the Ankle: Surgical Technique. *J Foot Ankle Surg* 2017;56:613–7. <https://doi.org/10.1053/j.jfas.2017.01.047>.
11. Mohan R, **Johnson NR**, Hevesi M, Gibbs CM, Levy BA, Krych AJ. Return to Sport and Clinical Outcomes After Hip Arthroscopic Labral Repair in Young Amateur Athletes: Minimum 2-Year Follow-Up. *Arthrosc - J Arthrosc Relat Surg* 2017;33:1679–84. <https://doi.org/10.1016/j.arthro.2017.03.011>.
12. Sanders TL, **Johnson NR**, Pareek A, Krych AJ, Marx RG, Stuart MJ, et al. Satisfactory knee function after single-stage posterolateral corner reconstruction in the multi-ligament injured/dislocated knee using the anatomic single-graft technique. *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:1258–65. <https://doi.org/10.1007/s00167-017-4631-6>.
13. Krych AJ, **Johnson NR**, Wu IT, Smith PA, Stuart MJ. A simple cinch is superior to a locking loop for meniscus root repair: a human biomechanical comparison of suture constructs in a transtibial pull-out model. *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:2239–44. <https://doi.org/10.1007/s00167-017-4652-1>.
14. Sanders TL, Pareek A, **Johnson NR**, Carey JL, Maak TG, Stuart MJ, et al. Nonoperative management of osteochondritis dissecans of the knee: Progression to osteoarthritis and arthroplasty at mean 13-year follow-up. *Orthop J Sport Med* 2017;5. <https://doi.org/10.1177/2325967117704644>.

15. Mohan R, Webster KE, **Johnson NR**, Stuart MJ, Hewett TE, Krych AJ. Clinical Outcomes in Revision Anterior Cruciate Ligament Reconstruction: A Meta-analysis. *Arthrosc - J Arthrosc Relat Surg* 2018;34:289–300. <https://doi.org/10.1016/j.arthro.2017.06.029>.
16. Sanders TL, **Johnson NR**, Levy NM, Cole PA, Krych AJ, Stuart M, et al. Effect of vascular injury on functional outcome in knees with multi-ligament injury: A matched-cohort analysis. *J Bone Jt Surg - Am Vol* 2017;99:1565–71. <https://doi.org/10.2106/JBJS.16.01540>.
17. Krych AJ, **Johnson NR**, Mohan R, Hevesi M, Stuart MJ, Littrell LA, et al. Arthritis Progression on Serial MRIs Following Diagnosis of Medial Meniscal Posterior Horn Root Tear. *J Knee Surg* 2018;31:698–704. <https://doi.org/10.1055/s-0037-1607038>.
18. Heidenreich MJ, Sanders TL, Hevesi M, **Johnson NR**, Wu IT, Camp CL, et al. Individualizing the tibial tubercle to trochlear groove distance to patient specific anatomy improves sensitivity for recurrent instability. *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:2858–64. <https://doi.org/10.1007/s00167-017-4752-y>.
19. Hevesi M, Krych AJ, **Johnson NR**, Redmond JM, Hartigan DE, Levy BA, et al. Multicenter Analysis of Midterm Clinical Outcomes of Arthroscopic Labral Repair in the Hip: Minimum 5-Year Follow-up. *Am J Sports Med* 2018;46:280–7. <https://doi.org/10.1177/0363546517734180>.
20. Woodmass JM, **Johnson NR**, Mohan R, Krych AJ, Levy BA, Stuart MJ. Poly-traumatic multi-ligament knee injuries: is the knee the limiting factor? *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:2865–71. <https://doi.org/10.1007/s00167-017-4784-3>.
21. Woodmass JM, O'Malley MP, Krych AJ, Reardon PJ, **Johnson NR**, Stuart MJ, et al. Revision Multiligament Knee Reconstruction: Clinical Outcomes and Proposed Treatment Algorithm. *Arthrosc - J Arthrosc Relat Surg* 2018;34:736-744.e3. <https://doi.org/10.1016/j.arthro.2017.09.022>.
22. Melugin HP, **Johnson NR**, Wu IT, Levy BA, Stuart MJ, Krych AJ. Is Treatment of Second Fracture Necessary With Combined Anterior Cruciate Ligament Reconstruction? *Am J Sports Med* 2018;46:832–8. <https://doi.org/10.1177/0363546517745280>.
23. Woodmass JM, **Johnson NR**, Levy BA, Stuart MJ, Krych AJ. Lateral Meniscus Allograft Transplantation: The Bone Plug Technique. *Arthrosc Tech* 2017;6:e1215–20. <https://doi.org/10.1016/j.eats.2017.04.016>.
24. Woodmass JM, **Johnson NR**, Cates RA, Krych AJ, Stuart MJ, Dahm DL. Medial patellofemoral ligament reconstruction reduces radiographic measures of patella alta in adults. *Orthop J Sport Med* 2018;6. <https://doi.org/10.1177/2325967117751659>.
25. Barrett IJ, Krych AJ, Pareek A, **Johnson NR**, Dahm DL, Stuart MJ, et al. Short- to mid-term outcomes of anatomic MCL reconstruction with Achilles tendon allograft after multiligament knee injury. *Knee Surgery, Sport Traumatol Arthrosc* 2018;26:2952–9. <https://doi.org/10.1007/s00167-018-4843-4>.
26. Woodmass JM, Sanders TL, **Johnson NR**, Wu IT, Krych AJ, Stuart MJ, et al. Posterolateral Corner Reconstruction Using the Anatomical Two-Tailed Graft Technique: Clinical Outcomes in the Multiligament Injured Knee. *J Knee Surg* 2018;31:1031–6. <https://doi.org/10.1055/s-0038-1632377>.
27. Krych AJ, Melugin HP, **Johnson NR**, Wu IT, Levy BA, Stuart MJ. Is Treatment of Second Fracture Necessary With Combined Anterior Cruciate Ligament Reconstruction?

- Response. *Am J Sports Med* 2018;46:NP15–6.
<https://doi.org/10.1177/0363546518764417>.
28. Allen MM, Krych AJ, **Johnson NR**, Mohan R, Stuart MJ, Dahm DL. Combined Tibial Tubercle Osteotomy and Medial Patellofemoral Ligament Reconstruction for Recurrent Lateral Patellar Instability in Patients With Multiple Anatomic Risk Factors. *Arthrosc - J Arthrosc Relat Surg* 2018;34:2420-2426.e3. <https://doi.org/10.1016/j.arthro.2018.02.049>.
 29. Samuelsen BT, **Johnson NR**, Hevesi M, Levy BA, Dahm DL, Stuart MJ, et al. Comparative Outcomes of All-Inside Versus Inside-Out Repair of Bucket-Handle Meniscal Tears: A Propensity-Matched Analysis. *Orthop J Sport Med* 2018;6.
<https://doi.org/10.1177/2325967118779045>.
 30. Woodmass JM, Lee J, **Johnson NR**, Wu IT, Camp CL, Dahm DL, et al. Nonoperative Management of Posterior Shoulder Instability: An Assessment of Survival and Predictors for Conversion to Surgery at 1 to 10 Years After Diagnosis. *Arthrosc - J Arthrosc Relat Surg* 2019;35:1964–70. <https://doi.org/10.1016/j.arthro.2019.01.056>.
 31. **Johnson NR**, Trofa DP, Saltzman BM, Muña KR, Schiffert SC, Hamid N. Healing Rate and Clinical Outcomes of Lesser Tuberosity Osteotomy for Anatomic Shoulder Arthroplasty. *J Am Acad Orthop Surg Glob Res Rev* 2020;4.
<https://doi.org/10.5435/JAOSGlobal-D-19-00119>.
 32. **Johnson NR**, Statz JM, Odum SM, Otero JE. Failure to Optimize Before Total Knee Arthroplasty: Which Modifiable Risk Factor is the Most Dangerous? *J Arthroplasty*. 2021 Feb 27;S0883-5403(21)00221-7. doi: 10.1016/j.arth.2021.02.061. Epub ahead of print. PMID: 33752925.
 33. **Johnson NR**, Odum S, Lastra JD, Fehring KA, Springer BD, Otero JE. Pain and Anxiety due to the COVID-19 Pandemic: A Survey of Patients With Delayed Elective Hip and Knee Arthroplasty. *Arthroplast Today*. 2021 Aug;10:27-34. doi: 10.1016/j.artd.2021.05.013. Epub 2021 May 28. PMID: 34095397; PMCID: PMC8162719.
 34. Statz JM, Odum SM, **Johnson NR**, Otero JE. Failure to Medically Optimize Before Total Hip Arthroplasty: Which Modifiable Risk Factor Is the Most Dangerous? *Arthroplast Today*. 2021 Jul 5;10:18-23. doi: 10.1016/j.artd.2021.05.021. PMID: 34277906; PMCID: PMC8267488.
 35. Matuszewski PE, Phillips SA, Ulrich GL, Hautala GS, Bloomer AK, Hsu JR; and the Southeast Fracture Consortium. Minimally invasive technique for acute fixation and subtalar fusion of displaced intra-articular calcaneus fractures. *Eur J Orthop Surg Traumatol*. 2024 Jun 3. doi: 10.1007/s00590-024-03879-w. Epub ahead of print. PMID: 38831052.
 36. Dubina AG, Morcos G, O'Hara NN, Manzano GW, Vallier HA, Farooq H, Natoli RM, Adams D, Obremskey WT, Wilkinson BG, Hogue M, Haller JM, Marchand LS, Hautala G, Matuszewski PE, Pechero GR Jr, Gary JL, Doro CJ, Whiting PS, Chen MJ, DeBaun MR, Gardner MJ, Reynolds AW, Altman GT, Obey MR, Miller AN, Haase D, Wise B, Wallace A, Hagen J, O'Donnell J, Gage M, **Johnson NR**, Karunakar M, Dynako J, Morellato J, Pantan ZA, Gitajn IL, Haase L, Ochenjele G, Roddy E, Morshed S, Sagona AE, Caton TD, Weaver MJ, Westberg JR, Miguel JS, O'Toole RV. Is the timing of fixation associated with fracture-related infection among tibial plateau fracture patients with compartment syndrome? A multicenter retrospective cohort study of 729 patients. *Injury*. 2022 Nov;53(11):3814-3819. doi: 10.1016/j.injury.2022.08.045. Epub 2022 Aug 24. PMID: 36064758.
 37. **Johnson NR**, Hamid N, Hysong AA, Rowe TM, Connor PM. Revision total elbow arthroplasty using intramedullary strut allograft for aseptic loosening of the humeral stem. *JSES Rev Rep*

Tech. 2022 Mar 23;2(3):369-375. doi: 10.1016/j.xrtr.2022.02.004. PMID: 37588862; PMCID: PMC10426586.

38. **Johnson NR**, Springer B. Patient Optimization Strategies Prior to Elective Total Hip and Knee Arthroplasty. *J Surg Orthop Adv.* 2021 Winter;30(4):207-211. PMID: 35108183.
39. **Johnson NR**, Otero JE. Prevention of Periprosthetic Joint Infection of the Hip and Knee: Modern Techniques and Strategies. *J Surg Orthop Adv.* 2021 Winter;30(4):202-206. PMID: 35108182.
40. **Johnson NR**, Garcia R. Wound Management in Total Knee Prosthetic Joint Infections. *J Surg Orthop Adv.* 2021 Winter;30(4):196-201. PMID: 35108181.
41. Bloomer AK, McKnight RR, **Johnson NR**, Macknet DM, Wally MK, Yu Z, Seymour RB, Hsu JR. Screws-Only Primary Subtalar Arthrodesis for Calcaneus Fractures. *Foot Ankle Int.* 2022 Apr;43(4):509-519. doi: 10.1177/10711007211058689. Epub 2022 Jan 4. PMID: 34996306.
42. **Johnson NR**, Rowe TM, Valenzeula MM, Scarola GT, Fehring TK. Do Pre-Reimplantation Erythrocyte Sedimentation Rate/C-Reactive Protein Cutoffs Guide Decision-Making in Prosthetic Joint Infection? Are We Flying Blind? *J Arthroplasty.* 2022 Feb;37(2):347-352. doi: 10.1016/j.arth.2021.10.028. Epub 2021 Nov 3. PMID: 34742874.

Peer Reviewed, Accepted Articles

Peer Reviewed, Submitted Articles

Articles in Progress

Peer-Reviewed Book Chapters

- Gerhardt MB, **Johnson NR**, Johnson MB. *The Hip: AANA Advanced Arthroscopic Surgical Techniques.* Chapter 15: Arthroscopic Treatment of Cam-Type Deformity. Slack Editors. 2015.
- Josef E. Jolissaint, MD; **Nicholas Johnson, MD**; Bryan Springer, MD. Management of DMARDS, Antiplatelets, and Anticoagulants in Total Hip Arthroplasty. *The Adult Hip*, 4th Edition, Chapter 33.
- **Nicholas Johnson, MD**; Josef E. Jolissaint, MD; Bryan Springer, MD. Surgical Techniques in Revision Total Hip Arthroplasty- Authors Preferred Technique. *Revision Total Hip Arthroplasty (Springer Nature).* In publication phase.

Abstracts/Presentations

Local Presentations

- Johnson NR, Johnson MB. Hip Arthroscopy: Current Concepts. *University of Oklahoma Orthopedic Grand Rounds.* Oklahoma City, OK. February 2013.
- Johnson NR, Johnson MB. Concussions in Sports. *Santa Monica Orthopedic Group Fellowship Conference.* January 2014.

- Johnson NR, Skinner S, Haleem AM. All-Arthroscopic Treatment of Dependent Osteochondral Lesions of the Ankle: Surgical Technique. *University of Oklahoma Department of Orthopedic Surgery: Visiting Professor Series*. April 2018.
- Johnson NR. Management of Lower Cervical Spine Trauma. *Carolinas Medical Center Department of Orthopedic Surgery. Grand Rounds*. September 2019.
- Johnson NR. Hip Dysplasia in the Young Adult. *Carolinas Medical Center Department of Orthopedic Surgery. Grand Rounds*. March 2020.
- Johnson NR. Surgical Management of Traumatic Foot Drop. *Carolinas Medical Center Department of Orthopedic Surgery. Grand Rounds*. July 2020.
- Johnson NR. Distal Femoral Replacement for Geriatric Distal Femur Fractures. *Carolinas Medical Center Department of Orthopedic Surgery. Grand Rounds*. March 2021.
- Johnson NR. Management of the Sequelae of Legg-Calvé-Perthes Disease (LCPD) in the Young Adult. *Carolinas Medical Center Department of Orthopedic Surgery. Grand Rounds*. April 2021.
- Johnson NR. Soft Tissue Management Following Revision Total Knee Arthroplasty. *Carolinas Medical Center Department of Orthopedic Surgery. Grand Rounds*. July 2021.

National Presentations

- Pareek A, Reardon P, Riester S, Van Wiljnen A, Johnson NR, Stuart MJ, Krych AJ. Long Term Outcomes of Articular Cartilage Surgery: A Systematic Review. *Mid-America Orthopedic Association Conference (Poster)*. Orlando, FL. April 2016.
- Sanders TL, Pareek A, Johnson NR*, Krych AJ, Stuart MJ, Levy BA. Functional Outcomes Two to Eleven Years Following Posterolateral Corner Reconstruction in Multi-ligament Knee Injuries. *Minnesota Orthopedic Society Conference (Poster)*. Minneapolis, MN. May 2016.
- Krych AJ, Reardon PJ, Johnson NR*, Mohan R, Peter L, Levy BA, Stuart MJ. Clinical Outcomes of Medial Meniscus Posterior Root Tears: High Rates of Subsequent Surgery and Worsening Arthritis at 5 Year Follow-Up. *Minnesota Orthopedic Society Conference (Poster)*. Minneapolis, MN. May 2016.
- Krych AJ, Reardon PJ, Johnson NR, Peter L, Levy BA, Stuart MJ. Nonoperative Management of Medial Mensicus Posterior Horn Root Tears Have a Poor Prognosis at 5-Year Follow-Up. *AOSSM Annual Meeting (Podium)*. Colorado Springs, CO. July 2016.
- Pareek A, Sanders TL, Obey M, Johnson NR, Mohan R, Carey JL, Stuart MJ, Krych AJ. Incidence of Osteochondritis Dissecans Lesions: A 45-year Population Based Study. *ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Poster)*.
- Pareek A, Reardon PJ, Mohan R, Johnson NR, Macalena JA, Levy BA, Stuart MJ, Williams RJ, Krych AJ. Osteochondral Autograft Transfer versus Microfracture in the Knee: A Meta-Analysis of Prospective Comparative at Mid-Term. *ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Poster)*.
- Assenmacher AT, Pareek A, Reardon PJ, Macalena JA, Mohan R, Johnson NR, Stuart MJ, Krych AJ. Long-Term Outcomes after Osteochondral Allograft: A Systematic Review at Mean Follow-Up of 12.3 Years. *ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Poster)*.
- Bryan AJ, Krych AJ, Pareek A, Reardon PJ, Berardelli R, Johnson NR, Mohan R, Levy BA. Are Short Term-Outcomes after Hip Arthroscopy in Patients 55 Years and Older Inferior to those in Younger Patients? *International Society for Hip Arthroscopy (ISHA)*.

San Francisco, CA. September 2016 (Poster).

- Bryan AJ, Peohling-Monaghan K, Mohan R, Johnson NR, Krych AJ, Levy BA, Trousdale RT, Sierra RJ. *International Society for Hip Arthroscopy (ISHA)*. San Francisco, CA. September 2016 (Poster).
- Johnson NR*, Krych AJ, Reardon PJ, Mohan R, Dahm DL, Levy BA, Stuart MJ. Partial Meniscectomy Provides No Benefit for Symptomatic Degenerative Medial Meniscus Posterior Root Tears. AAOS 2017 Annual Meeting. March 14-17. San Diego, CA.(Podium)
- Samuelsen BT, Johnson NR, Dahm DL, Levy BA, Stuart MJ, Krych AJ. Comparative outcomes of all-inside versus inside out repair for bucket handle tears of the meniscus. AAOS 2017 Annual Meeting. March 14-17. San Diego, CA.(Podium)
- Samuelsen BT, Johnson NR, Dahm DL, Levy BA, Stuart MJ, Krych AJ. Comparative outcomes of all-inside versus inside out repair for bucket handle tears of the meniscus. MAOA. Amelia Island, FL. April 2017.
- Krych AJ, Reardon PJ, Johnson NR*, Pareek A, Mohan R, Dahm DL, Levy BA, Stuart MJ. Partial Meniscectomy Provides No Benefit for Symptomatic Degenerative Medial Meniscus Posterior Root Tears. MAOA. Amelia Island, FL. April 2017.
- Krych AJ, Johnson NR, Mohan R, Stuart MJ, Littrell LA, Collins MS. Arthritic progression on serial MRI after diagnosis of posterior horn of the medial meniscus root tear. MAOA. Amelia Island, FL. April 2017.
- Heidenreich M, Sanders TL, Johnson NR, Wu I, Camp CL, Dahm DL, Krych AJ. Patellar Instability Ratios as a Predictor of Recurrent Patellofemoral Instability: Are They Valid and Reliable? MAOA. Amelia Island, FL. April 2017.
- Krych AJ, Johnson NR, Mohan R, Dahm DL, Levy BA, Stuart MJ. Partial Meniscectomy Provides No Benefit for Symptomatic Degenerative Medial Meniscus Posterior Root Tears (Podium). *AOSSM Annual Meeting*. Toronto, Canada. July 2017.
- Sanders TL, Pareek A, Johnson NR, Mohan R, Carey JL, Stuart MJ, Krych AJ. Operative Management of Osteochondritis Dissecans: Progression to Osteoarthritis and Arthroplasty in a Population Based Cohort. (Podium). *AOSSM Annual Meeting*. Toronto, Canada. July 2017.
- Sanders TL, Pareek A, Johnson NR, Carey JL, Maak TG, Stuart MJ, Krych AJ. Nonoperative Management of Osteochondritis Dissecans: progression to Osteoarthritis and Arthroplasty over a 35-Year Period in a Geographic Population. (Poster) *AOSSM Annual Meeting*. Toronto, Canada. July 2017.
- Krych AJ, Johnson NR, Mohan R, Woodmass JM, Dahm DL, Levy BA, Stuart MJ. Partial Meniscectomy Provides No Benefit for Symptomatic Degenerative Medial Meniscus Posterior Root Tears. (Podium). *AANA Annual Meeting*. Denver, CO. May 2017.
- Krych AJ, Johnson NR, Mohan R, Littrell LM, Woodmass JM, Stuart MJ, Levy BA, Collins MS. Degenerative Progression of Medial Meniscal Root Tears on Serial MRIs. (Poster) *AANA Annual Meeting*. Denver, CO. May 2017.
- Samuelsen BT, Johnson NR, Woodmass JM, Mohan R, Levy BA, Dahm DL, Stuart MJ, Krych AJ. Comparative Outcomes of All-Inside and Inside-Out Repairs of Bucket-Handle Meniscal Tears. (Poster) *AANA Annual Meeting*. Denver, CO. May 2017.
- Sanders TL, Johnson NR, Pareek A, Woodmass J, Krych AJ, Stuart MJ, Levy BA. Functional Outcomes Two to Eleven Years Following Posterolateral Corner Reconstruction with the Mayo Single-Graft Technique. (Poster) *AANA Annual Meeting*. Denver, CO. May

2017.

- Hevesi M, Krych AJ, Johnson NR, Redmond JM, Hartigan DE, Levy BA, Domb BG. Mid-Term Outcomes of Hip Arthroscopic Labral Repair: Minimum 5-Year Follow-Up. AAOS 2018 Annual Meeting. March 2018. New Orleans, LA. (Podium).
- Melugin HP, Johnson NR, Wu I, Dahm DL, Levy BA, Stuart MJ, Krych AJ. The Second Fracture: Is Treatment Necessary with Combined ACL Reconstruction? AAOS 2018 Annual Meeting. March 2018. New Orleans, LA. (Podium).
- Allen MM, Krych AJ, Johnson NR, Stuart MJ, Dahm DL. Combined Tibial Tubercle Osteotomy and Medial Patellofemoral Ligament Reconstruction for Recurrent Lateral Patellar Instability in Patients with Multiple Anatomic Risk Factors. AAOS 2018 Annual Meeting. March 6-10, 2018. New Orleans, LA. (Poster).
- Woodmass JM, Johnson NR, Wu IT, Levy BA, Stuart MJ, Krych AJ. Lateral Meniscus Allograft Transplantation: The Bone Plug Technique. AAOS 2018 Annual Meeting. March 6-10, 2018. New Orleans, LA. (Video Theater).
- Hevesi, Krych, Desai, Johnson, Redmond, Hartigan, Levy, Domb. Multi-Center Analysis of Prospectively Collected Outcomes of Hip Arthroscopic Labral Repair: Minimum Five-Year Follow-Up. MAOA 2018 Annual Meeting. April 18-22, 2018. San Antonio, TX. (Podium).
- Hevesi, Krych, Johnson, Redmond, Hartigan, Levy, Domb. Are Results of Arthroscopic Labral and Capsular Repair Durable in Dysplasia at Mid-Term Follow-Up? A Prospective, Multi-Center. MAOA 2018 Annual Meeting. April 18-22. San Antonio, TX. (Podium).
- Melugin, Johnson, Wu, Levy, Stuart, Krych. The Second Fracture: Is Treatment Necessary with Combined ACL Reconstruction. MAOA 2018 Annual Meeting. April 18-22. San Antonio, TX. (Podium).
- Woodmass JM, Lee J, Johnson NR, Camp CL, Dahm DL, Krych AJ. Non-operative Management of Posterior Shoulder Instability: An Assessment of Survival and Predictors for Conversion to Surgery at 1 to 13 Years After Diagnosis. AOSSM 2018 Annual Meeting. July 5-8, 2018. San Diego, CA. (Podium).
- **Johnson NR**, Woodmass JM, Lee J, Camp CL, Dahm DL, Krych AJ. Non-operative Management of Posterior Shoulder Instability: An Assessment of Survival and Predictors for Conversion to Surgery at 1 to 13 Years After Diagnosis. 2018 OREF Southeast Region II Resident Research Symposium. September 26, 2018. Durham, NC. (Podium)
- **Johnson NR***, Statz JM, Odum SM, Otero JE. Failure to optimize prior to total knee arthroplasty: Which modifiable risk factor is the most dangerous? AAKHS International Meeting. Dallas, TX. November 6-7th. (Poster).
- Ruffolo MR, Pierrie SN, **Johnson NR**, Odum SM, Masonis JL. Is it the surgical approach or intra-operative imaging? What has the greatest effect on Acetabular component Alignment in Total Hip Arthroplasty? AAKHS International Meeting. Dallas, TX. November 6-7th, 2021. (Poster).
- **Johnson NR**, Rowe T, Valenzuela M, Scarola G, Fehring T. Can Pre-Reimplantation ESR/CRP Cut offs Guide Decision Making for Aspiration or Re-Debridement in Periprosthetic Joint Infection? Are We Flying Blind? 2021 Musculoskeletal Infection Society Annual Meeting. Fort Lauderdale, FL. August 6-7 2021. (Poster).
- **Johnson NR***, Statz JM, Odum SM, Otero JE. Failure to optimize prior to total knee arthroplasty: Which modifiable risk factor is the most dangerous? AAOS 2021. San Diego,

CA. August 31-September 4. (Podium)

- Dubina AG, Johnson NR, et. Al. What Is the appropriate time for ORIF of Tibial Plateau Fractures with Ipsilateral Compartment Syndrome? A Multicenter Retrospective Review. AAOS 2021. San Diego, CA. August 31-September 4. (Podium)
- Bloomer A, McKnight R, **Johnson N**, Macknet D, Yu Z, Seymour Rachel, Hsu J. Screws Only Primary Subtalar Arthrodesis for Calcaneal Fractures. AAOS 2021. San Diego, CA. August 31-September 4. (Poster).
- Ruffolo MR, Pierrie SN, **Johnson NR**, Odum SM, Masonis JL. Is it the surgical approach or intra-operative imaging? What has the greatest effect on Acetabular component Alignment in Total Hip Arthroplasty? AAOS 2021. San Diego, CA. August 31-September 4. (Poster).
- Statz JM, Odum SM, **Johnson NR**, Otero JE. Failure to Medically Optimize prior to THA: Which Modifiable Risk Factor is Most Dangerous? AAOS 2021. San Diego, CA. August 31-September 4. (Podium)
- **Johnson NR**, Rowe T, Valenzuela M, Scarola G, Fehring T. Can Pre-Reimplantation ESR/CRP Cut offs Guide Decision Making for Aspiration or Re-Debridement in Periprosthetic Joint Infection? Are We Flying Blind? AAKHS International Meeting. Dallas, TX. November 11-13, 2021. (Poster).

International Presentations

- Sanders TL, Pareek A, Johnson NR, Mohan R, Carey JL, Maak TG, Stuart MJ, Krych AJ. Nonoperative management of osteochondritis dissecans: Progression to Osteoarthritis and Arthroplasty over a 35-Year Period in a Geographic Population. ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Podium).
- Sanders TL, Pareek A, Obey MR, Johnson NR, Mohan R, Carey JL, Stuart MJ, Krych AJ. High Rates of Osteoarthritis Following OCD Fragment Excision: A 40-Year Population-Based Study. ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Podium).
- Krych AJ, Johnson NR, Reardon PJ, Mohan R, Levy BA, Stuart MJ. Partial Meniscectomy Provides No Benefit for Degenerative Medial Meniscus Posterior Root Tears. ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Podium)
- Ansari MH, Pareek A, Johnson NR, Mohan R, Abdel MP, Stuart MJ, Krych AJ. Clinical Outcome of Total Knee Arthroplasty After Prior Microfracture: A Matched Cohort Study. ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Podium).
- Krych AJ, Reardon PJ, Johnson NR, Mohan R, Peter L, Levy BA, Stuart MJ. Non-Operative Management of Medial Meniscus Posterior Horn Root Tears Have a Poor Prognosis at 5-Year Follow-Up. ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Podium).
- Krych AJ, Johnson NR, Mohan R, Sanders TL. Patellofemoral Arthritis after Lateral Patellar Dislocation: A Matched Population-Based Analysis. ICRS 2016 Annual Meeting, Naples, Italy, September 24-27 (Podium).
- O'Malley MP, Krych AJ, Reardon PJ, Pareek A, Mohan R, Johnson NR, Stuart MJ, Levy BA. Revision Multi-Ligament Knee Reconstruction: Treatment Algorithm and Outcomes. (Poster). *ISAKOS Congress*. Shanghai, China. June 2017.
- Krych AJ, Johnson NR, Mohan R, Dahm DL, Levy BA, Stuart MJ. Partial Meniscectomy Provides No Benefit for Symptomatic Degenerative Medial Meniscus Posterior Root Tears

- (Podium). *ISAKOS Congress*. Shanghai, China. June 2017.
- Christensen TC, Sanders TL, Pareek A, Johnson NR, Mohan R, Dahm DL, Krych AJ. Risk Factors and Time to Recurrent Ipsilateral and Contralateral Patellar Dislocation: A Population Based Study. (Podium). *ISAKOS Congress*. Shanghai, China. June 2017
 - Sanders TL, Pareek A, Mohan R, Johnson NR, Hewett TE, Stuart MJ, Dahm DL, Krych AJ. What is the Natural History of Patellar Dislocation in Skeletally Immature Patients? A Long-Term Population Based Study (Poster). *ISAKOS Congress*. Shanghai, China. June 2017.
 - Allen MM, Krych AJ, Johnson NR, Mohan R, Stuart MJ, Dahm DL. Combined Tibial Tubercle Osteotomy and MPFL reconstruction for Recurrent Lateral patellar Instability. (Poster). *ISAKOS Congress*. Shanghai, China. June 2017.
 - Mohan R, Johnson NR, Hevesi M, Gibbs C, Krych AJ, Levy BA. Return to Sport After Hip Arthroscopy in Young Amateur Athletes. (Poster). *ISAKOS Congress*. Shanghai, China. June 2017
 - O'Malley MP, Krych AJ, Johnson NR, Mohan R, Hewett TE, Stuart MJ, Dahm DL. Functional Testing and Return to Sport Following Stabilization Surgery for Recurrent Lateral Patellar Instability in Competitive Athletes. (Poster). *ISAKOS Congress*. Shanghai, China. June 2017
 - Sanders TL, Christensen TC, Mohan R, Johnson NR, Hewett TE, Stuart MJ, Dahm DL, Krych AJ. Incidence of Acute Lateral Patellar Dislocation: A 21-Year Population Based Study. (Poster). *ISAKOS Congress*. Shanghai, China. June 2017.
 - Woodmass JM, Johnson NR, Cates RA, Krych AJ, Stuart MJ, Dahm DL. Medial Patellofemoral Ligament Reconstruction Reduces Radiographic measures of Patella Alta in Adult Patients. (Podium). *Canadian Orthopedic Association Annual Meeting*. Ottawa, Canada. June 2017.
 - Woodmass JM, Johnson NR, Mohan R, Krych AJ, Levy BA, Stuart MJ. Do Poly-Trauma Patients with Multi-Ligament Knee Injuries have worse functional outcomes than patients with isolated multi-ligament knee injuries? A Matched Cohort Analysis. (Poster). *Canadian Orthopedic Association Annual Meeting*. Ottawa, Canada. June 2017.
 - Samuelsen BT, Johnson NR, Levy BA, Dahm DL, Stuart MJ, Krych AJ. Comparative Outcomes of All-Inside versus Inside-Out Repair of Bucket-Handle Meniscal Tears: A Propensity Matched Analysis. (Poster). *ICRS Annual Meeting: 14th Congress*. Macau, China. April 2018.

AWARDS, GRANTS, & SCHOLARSHIPS

- **NIH T-32 Training Grant:** January 2017-March 2017, Funded Research by Mayo Graduate School through the NIH. Small grant program <\$10k.
- **Osteochondritis Dissecans of the Knee: Epidemiology and Long-Term Outcomes.** August 2016- December 2016. Role: Co-Investigator- Funded by Orthopedic Research Review Committee (ORRC) Mayo Clinic- Small grant program < \$10k.
- **Research Applications for Practice Improvement Decision (RAPID).** August 2016. Role: Primary investigator. Funded by Sports Medicine Research Funds, Mayo Clinic. Small grant program < \$10k.
- **Mayo Foundation Orthopedic Research Review Committee Grant-** CREST Trial

(Capsular Repair after Hip Arthroscopy). <\$10k.

- **Third Place Presentation, OREF Southeast Regional II Resident Research Symposium.** Non-operative Management of Posterior Shoulder Instability: An Assessment of Survival and Predictors for Conversion to Surgery at 1 to 13 Years After Diagnosis. <\$10k.
- **Resident of the Quarter, Carolinas Medical Center.** Orthopedic Floor, 4th quarter 2018.
- **OrthoCarolina Oscar Miller Research Day: Best Research Presentation.** October 4, 2019. <\$10k.
- **Atrium Health Musculoskeletal Institute Annual Research Day. Best Research Presentation.** June 18, 2021. <\$10k.

LEADERSHIP EXPERIENCE

University of Oklahoma Global Medical Brigades President and 2012 Ghana Trip Coordinator, January 2011 – January 2012

Christ the King 8th Grade Boys Basketball Head Coach, 2011-2012 Season

Students Today Alumni Tomorrow (STAT) Member, University of Oklahoma Medical School

OrthoCarolina Research Institute CORE (Carolinas Opioid Reduction Effort) Program, Resident Research Liaison (July 2021-June 2023)

COMMUNITY SERVICE

OUCHA (Oklahoma University Community Health Alliance) Member

Global Medical Brigades Medical Mission Trips

1. Accra, Ghana- January 2012
2. Tegucigalpa, Honduras- May 2012

Big Brothers-Big Sisters: Fall 2010-Spring 2013

Operation Walk Carolinas, Honduras: October 2021

Olympic High School Varsity Football Team (Charlotte, NC) Resident Team
Physician, 2019- Present