

Colin P. Murphy

EDUCATION

Steadman Philippon Research Institute Sports Medicine Fellowship	Vail, Colorado	2025
University of North Dakota School of Medicine Orthopedic Surgery Residency	Fargo, North Dakota	2024
Georgetown University School of Medicine Doctor of Medicine (M.D.)	Washington, District of Columbia	2019
University of Florida Bachelor of Arts (B.A.) in Economics; <i>Cum Laude</i>	Gainesville, Florida	2014

RESEARCH

Steadman Philippon Research Institute, Matthew T. Provencher, M.D. & Robert F. LaPrade, M.D., Ph.D.
Research Fellow June 2017 – May 2018

- Worked directly under Dr. Provencher and Dr. LaPrade to ensure all research projects were completed in timely fashion
- Contributed to all aspects of research process, including planning, data collection, statistical analysis, and writing of manuscripts
- Shadowed in both operating room and clinic
- Assisted with surgical procedures in surgical skills laboratory

Johns Hopkins Orthopaedics, Division of Shoulder Surgery, Edward G. McFarland, M.D.
Summer Research Fellow May 2015 – August 2015

- Compiled and organized data on outcomes and satisfaction rates following shoulder replacement
- Attended monthly journal club
- Shadowed in both operating room and clinic

University of Florida College of Medicine, Department of Anatomy and Cell Biology, Daiqing Liao, Ph.D.
Research Assistant 2013 – 2014

- Performed Western Blots to determine efficacy of KAT and HDAC inhibitors in cancer therapy

AWARDS

Jack Hughston Award (Most Outstanding Paper in AJSM), 2020
Tang Family Education Endowment Fellow, 2024

PUBLICATIONS – PEER REVIEWED

1. **Murphy CP**, Sanchez A, Kennedy MI, Frank RM, Provencher MT. “Osteochondral Augmentation of Glenoid Bone Loss—Distal Tibia Allograft.” *Annals of Joint*. 2017;2:66. 10.21037/aoj.2017.10.08.
2. Cinque ME, Chahla J, Mitchell JJ, Moatshe G, Pogorzelski J, **Murphy CP**, Kennedy NI, Godin JA, LaPrade RF. “Influence of Meniscal and Chondral Lesions on Patient-Reported Outcomes After Primary Anterior Cruciate Ligament Reconstruction at 2-Year Follow-up.” *Orthopaedic Journal of Sports Medicine*. 2018;6(2). 10.1177/2325967117754189

3. Robbins CM, **Murphy CP**, Daney BT, Sanchez S, Provencher MT. "Knotless Suture Anchor Repair of Anterolateral Meniscus Root After Iatrogenic Injury." *Arthroscopy Techniques*. 2018;7;8. 10.1016/j.eats.2018.04.012.
4. Provencher MT, Kane PW, DePhillipo NN, Cinque ME, Moatshe G, **Murphy CP**, Sanchez A, LaPrade RF. "Accuracy of MRI and Varus Stress Radiographs in Diagnosing Fibular Collateral Ligament Injuries." *Orthopaedic Journal of Sports Medicine*. 2018;6(7). 10.1177/2325967118S00144.
5. Ferrari MB, **Murphy CP**, Gomes JLE. "Meniscus Repair in Children and Adolescents: A Systematic Review of Treatment Approaches, Meniscal Healing and Outcomes." *Journal of Knee Surgery*. 2018. 10.1055/s-0038-1653943.
6. Mannava S, Frangiamore SJ, **Murphy CP**, Sanchez A, Sanchez G, Dornan GJ, Bradley JP, LaPrade RF, Millett PJ, Provencher MT. "Prevalence of Shoulder Labral Injury in Collegiate Football Players at the National Football League Scouting Combine." *Orthopaedic Journal of Sports Medicine*. 2018;6(7). 10.1177/2325967118783982.
7. **Murphy CP**, Frangiamore SJ, Mannava S, Sanchez A, Beiter ER, Whalen JM, Price MD, LaPrade RF, Provencher MT. "Effect of Anterior Glenoid Labral Tears and Glenoid Bone Loss at the NFL Combine on Future NFL Performance." *Orthopaedic Journal of Sports Medicine*. 2018;6(7). 10.1177/2325967118784884.
8. Frangiamore SJ, Mannava S, **Murphy CP**, Sanchez A, Sanchez G, Dornan GJ, Price MD, Whalen JM, Provencher MT. "Performance Following Operative Versus Nonoperative Management of Labrum Pathology in Collegiate Football Players Entering the National Football League (NFL) Combine." *Journal of Arthroscopy*. 2018;34(12). 10.1016/j.arthro.2018.10.074.
9. Logan CA, **Murphy CP**, Sanchez A, Dornan GJ, Whalen JM, Price MD, Bradley JP, LaPrade RF, Provencher MT. "Medial Collateral Ligament Injuries Identified at the National Football League Scouting Combine: Assessment of Epidemiological Characteristics, Imaging Findings, and Initial Career Performance." *Orthopaedic Journal of Sports Medicine*. 2018;6(7). 10.1177/2325967118787182.
10. Mulcahey MK, Bernhardtson AS, **Murphy CP**, Chang A, Zajac T, Sanchez G, Sanchez A, Whalen JM, Price MD, Clanton TO, Provencher MT. "The Epidemiology of Ankle Injuries Identified at the National Football League Combine, 2009-2015." *Orthopaedic Journal of Sports Medicine*. 2018;6(7). 10.1177/2325967118786227.
11. Spang RC, Haber DB, Beaulieu-Jones BR, Stupay KL, Sanchez G, Sanchez A, **Murphy CP**, Whalen JM, Price MD, Clanton TO, Provencher MT. "Jones Fractures Identified at the National Football League Scouting Combine: Assessment of Prognostic Factors, Computed Tomography Findings, and Initial Career Performance." *Orthopaedic Journal of Sports Medicine*. 2018;6(8). 10.1177/2325967118790740.
12. Aman ZS, Kennedy MI, Sanchez A, Krob JA, **Murphy CP**, Ziegler CG, Provencher MT. "Mini-Open Repair of the Floating Anterior Inferior Glenohumeral Ligament: Combined treatment of Bankart and Humeral Avulsion of the Glenohumeral Ligament Lesions." *Arthroscopy Techniques*. 2018;7(12). 10.1016/j.eats.2018.08.015.
13. **Murphy CP**, Frangiamore SJ, Mannava S, Sanchez A, Beiter ER, Whalen JM, Price MD, Bradley JP, LaPrade RF, Millett PJ, Provencher MT. "Effect of Posterior Glenoid Labral Tears at the NFL Combine on Future NFL Performance." *Orthopaedic Journal of Sports Medicine*. 2018;6(10). 10.1177/2325967118787464.

14. Bernhardson AB, **Murphy CP**, Aman ZS, Sanchez A, LaPrade RF, Provencher MT. "A Prospective Analysis of Patients With Anterior versus Posterior Shoulder Instability: A Matched Cohort Examination and Surgical Outcomes Analysis of 200 Patients." *American Journal of Sports Medicine*. 2019;47(3). 10.1177/0363546518819199.
15. Haber DB, Logan CA, **Murphy CP**, Sanchez A, LaPrade RF, Provencher MT. "Osteochondral Allograft Transplantation for the Knee: Post-operative Rehabilitation." *International Journal of Sports Physical Therapy*. 2019;14(3). 10.26603/ijsp20190487.
16. Haber DB, Golijanin P, Stone GL, Sanchez A, **Murphy CP**, Peebles LA, Ziegler CG, Godin JA, Fox JA, Provencher MT. "Primary Acromioclavicular-Coracoclavicular Reconstruction Utilizing Two Allografts, TightRope, and Stabilization to the Acromion." *Arthroscopy Techniques*. 2019;8(2). 10.1016/j.eats.2018.10.006.
17. Kennedy MI, **Murphy CP**, Dornan GJ, Moatshe G, Chahla J, LaPrade RF, Provencher MT. "Variability of Reporting Recurrence After Arthroscopic Bankart Repair: A Call for a Standardized Study Design." *Orthopedic Journal of Sports Medicine*. 2019;7(5). 10.1177/2325967119846915.
18. Provencher MT, Sanchez G, Bernhardson AS, Peebles LA, Haber DB, **Murphy CP**, Sanchez A. "The Instability Severity Index Score Revisited: Evaluation of 217 Consecutive Cases of Recurrent Anterior Shoulder Instability." *Orthopaedic Journal of Sports Medicine*. 2019;7(5). 10.1177/2325967119S00269.
19. Bernhardson AS, **Murphy CP**, Sanchez A, Peebles BA, LaPrade RF, Provencher MT. "Management of the Failed Latarjet Procedure: Outcomes of Revision Surgery with Fresh Distal Tibial Allograft." *Journal of Shoulder and Elbow Surgery*. 2019;28(6). 10.1016/j.jse.2018.11.005
20. Dekker TJ, Peebles LA, Bernhardson AS, Rosenberg SI, **Murphy CP**, Golijanin P, Provencher MT. "Risk Factors for Recurrence After Arthroscopic Instability Repair - The Importance of Glenoid Bone Loss >15%, Patient Age, and Duration of Symptoms: A Matched Cohort Analysis." *American Journal of Sports Medicine*. 2020;48(12). 10.1177/0363546520949840.
21. **Murphy CP**, Safgren TJ, Piatt ET, Chong AC, Piatt BE. "Biomechanical Comparison of Knotless Suture Anchor Versus Percutaneous End-to-End Technique for Mid-Substance Achilles Tendon Rupture Repair." *Journal of Foot and Ankle Surgery*. 2022. 10.1053/j.jfas.2022.03.010.
22. Chang PS, **Murphy CP**, Whalen RJ, Apostolakos JM, Provencher MT. Surgical Pearls and Pitfalls for Anatomic Acromioclavicular/Coracoclavicular Ligament Reconstruction. *Clinic Sports Medicine*. 2023;42(4). 10.1016/j.csm.2023.05.011.
23. **Murphy CP**, Grindeland C, Grindeland J, Thompson H, Flick T, Mannuru D. Effect of Muscle Relaxants on Opioid Use Following Total Knee Arthroplasty. *Journal of Arthroplasty*. Submitted.
24. **Murphy CP**, Wardyn SM, Staggers RJ. "Prevention of Acute Infections following Total Knee Arthroplasty." *Sanford Health Quality Improvement Program*. Submitted.

BOOK CHAPTERS

1. Fokin AA, **Murphy CP**, Murphy KP. 2015. "Lateral Epicondylitis (Tennis Elbow) Arthroscopic Treatment." *Operative Techniques in Orthopaedic Surgery*. 2nd Edition. Wiesel SW (Ed). Philadelphia:

Wolters Kluwer.

2. **Murphy CP**, Robbins CM, Ziegler CG, Sanchez A, Provencher MT. 2018. "Four-Anchor Repair of Massive Subscapularis Tear with Subcoracoid Decompression." *Video Atlas of Arthroscopic Rotator Cuff Repair*. Srikumaran U (Ed). New York: Thieme.
3. Provencher MT, Frank RM, Shubert D, **Murphy CP**, Sanchez A, Zafonte RD. 2019. "Concussions in Sports." *Orthopedics*. D'Ambrosia R (Ed). New Jersey: Healio.
4. **Murphy CP**, Sanchez A, Peebles LM, Provencher MT. 2019. "Incorporating Orthobiologics Into Your Clinical Practice." *Clinics in Sports Medicine*. Frank RM, Cole BJ (Ed). Amsterdam: Elsevier.
5. Provencher MT, **Murphy CP**, Sanchez A, Sanchez G. 2019. "Distal Tibia Allograft for Failed Latarjet." *Shoulder Surgery: Tricks of the Trade*. Dines J, Dines D, Gulotta L (Ed). New York: Thieme.
6. Frangiamore SJ, Chang A, Fox JA, **Murphy CP**, Sanchez A, Provencher MT. 2019. "Revision Shoulder Instability." *DeLee & Drez's Orthopaedic Sports Medicine: Principles and Practice. 5th Edition*. Miller MD, Thompson SR (Ed). Amsterdam: Elsevier.
7. Fox JA, **Murphy CP**, Sanchez A, Provencher MT. 2019. "Bone Loss in the Upper Extremity." *Biologics in Orthopaedic Surgery*. Mazzocca AD, Lindsay A (Ed). Amsterdam: Elsevier.
8. Provencher MT, Higgins BT, Begly JP, Stone GL, Sanchez A, **Murphy CP**. 2019. "Anterior Cruciate Ligament Prevention Programs Overview." *ACL Injuries in Female Athletes: Causes, Impacts and Conditioning Programs. 2nd Edition*. Noyes FR, Barber-Westin S (Ed). New York: Springer.

PRESENTATIONS

1. **Murphy CP**, Thomas AJ, Choi K, Baker M, McFarland EG. "Shoulder Injury – Water Skiing." Podium Presentation. American College of Sports Medicine Annual Meeting. Boston, Massachusetts. May 31-June 4, 2016.
2. Thomas AJ, **Murphy CP**, McFarland EG. "Shoulder Injury – Swimming." Podium Presentation. American College of Sports Medicine Annual Meeting. Boston, Massachusetts. May 31-June 4, 2016.
3. Frangiamore SJ, Mannava S, **Murphy CP**, Sanchez A, Provencher MT. "Performance Following Operative versus Nonoperative Management of Labrum Pathology in Collegiate Football Players Entering the National Football League (NFL) Combine." Podium Presentation. Annual Meeting of the Arthroscopy Association of North America. Chicago, Illinois. April 26-28, 2018.
4. Mulcahey MK, Bernhardson AS, Chang A, Zajac T, **Murphy CP**, Sanchez G, Sanchez A, Whalen JM, Price MD, Clanton TO, Provencher MT. "The Epidemiology of Ankle Pathology Identified at the NFL Combine, 2009 – 2015." Podium Presentation. Annual Meeting of the Arthroscopy Association of North America. Chicago, Illinois. April 26-28, 2018.
5. Provencher MT, Kane PW, DePhillipo NN, Cinque ME, Moatshe G, **Murphy CP**, Sanchez A, LaPrade RF. "Accuracy of MRI and Varus Stress Radiographs in Diagnosing Fibular Collateral Ligament Injuries." Podium Presentation. Annual Meeting of American Orthopaedic Society for Sports Medicine. San Diego, CA. July 5-8, 2018.

6. Sanchez G, Bernhardson AS, Haber DB, **Murphy CP**, Sanchez A, Provencher MT, Romeo AA. “The Instability Severity Index Score Revisited: Evaluation Of 217 Consecutive Cases Of Recurrent Anterior Shoulder Instability.” Poster Presentation. Congress of the European Society for Surgery of the Shoulder and the Elbow. Geneva, Switzerland. September 19-22, 2018.
7. Bernhardson AS, Peebles LA, Aman ZS, **Murphy CP**, Sanchez A, LaPrade RF, Provencher MT. “Management of The Failed Latarjet Procedure: Outcomes of Revision Surgery with Fresh Distal Tibial Allograft.” Podium Presentation. Society of Military Orthopaedic Surgeons. Keystone, Colorado. December 10-14, 2018.
8. Bernhardson AS, Aman ZS, Peebles LA, **Murphy CP**, Sanchez A, Provencher MT. “Posterior Instability of the Shoulder: Long-Term Analysis of Function and Outcomes.” Podium Presentation. Society of Military Orthopaedic Surgeons. Keystone, Colorado. December 10-14, 2018.
9. Bernhardson AS, Peebles LA, **Murphy CP**, Sanchez A, Provencher MT. “The Importance of Glenoid Bone Loss in the Outcomes of Arthroscopic Instability Repair: A Matched Cohort Analysis.” Podium Presentation. Society of Military Orthopaedic Surgeons. Keystone, Colorado. December 10-14, 2018.
10. Timmer T, Chong A, **Murphy CP**, McKnight K, Bond C, Bailey DA. “Can a Blade Stopping Mechanism on Circular Table Saws Reduce the Severity of Hand Injuries in Contact Scenarios? A Cadaveric Study.” Orthopedic Research Society Annual Meeting. Poster Presentation. Tampa, Florida. February 4-8, 2022.
11. **Murphy CP**, Safgren TJ, Piatt ET, Chong AC, Piatt BE. “Biomechanical Comparison of Achilles Knotless Suture Anchor Fixation versus PARS-To-PARS Technique for Midsubstance Achilles Tendon Rupture Repair.” Podium Presentation. American Academy of Orthopedic Surgeons Annual Meeting. Chicago, Illinois. March 22-26, 2022.

PROFESSIONAL AFFILIATIONS

2015 American Medical Association
 2019 American Academy of Orthopedic Surgeons
 2021 Orthopedic Research Society
 2024 American Orthopedic Society for Sports Medicine

SERVICE, ACTIVITIES & EMPLOYMENT

Fargo Davies High School <i>Team Physician</i> Covered football and hockey games initially with attending oversight, then independently	Fargo, North Dakota	2019 – 2024
North Dakota State University <i>Assistant Team Physician</i> Covered football games with attending oversight	Fargo, North Dakota	2019 – 2024
Univ. of North Dakota Orthopedic Interest Group <i>Guest Lecturer</i> Multiple presentations that were geared towards mentoring potential orthopedic residency applicants	Grand Forks, North Dakota	2019 – 2024
Education and Public Outreach Science Club <i>Mentor</i>	Vail, Colorado	2017 – 2018

Worked with high school students to promote scientific inquiry through experiments and self-directed learning

HOYA Clinic Washington, District of Columbia 2014 – 2017

Volunteer

Student-run, free clinic serving the disenfranchised populations of Washington, DC

Big HOYA Little Saxa Washington, District of Columbia 2014 – 2017

Volunteer

Weekend program for children living in a homeless shelter in Washington, DC

Encouraged and participated in reading, healthy eating habits, and exercise with the children

Sidney Lanier Program Gainesville, Florida 2013 – 2014

Volunteer

Program where high school students with intellectual disabilities are provided the chance to exercise and make lasting friendships with college students

Camp Boggy Creek Eustis, Florida 2012 – 2013

Volunteer

Camp dedicated to providing children with serious diseases a place for fun, friendship, and compassion

Spent entire weekends with one camper and their family

Organized and participated in activities such as sports, arts and crafts, fishing, and horseback riding

INTERESTS

Football, Golf, Snowboarding, Hiking, Kayaking, Travel