

John Daley DeCosta Higgins, M.D.

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EDUCATION

2016 – 2020	THE OHIO STATE COLLEGE OF MEDICINE <i>Doctor of Medicine, M.D.</i> <i>Class of 2020</i>	Columbus, OH
2010 – 2014	DARTMOUTH COLLEGE <i>B.A. in Sociology Modified with Biology, June 2014</i> D1-AA Student-Athlete in Football	Hanover, NH
2006 – 2010	NEW TRIER HIGH SCHOOL 2-time All-Conference Student-Athlete Football and Lacrosse 3-time State Boys Lacrosse Champion Varsity Football and Lacrosse Team Captain 2009-2010	Winnetka, IL

POSTDOCTORAL TRAINING/CERTIFICATION

July 2020 – June 2025	RUSH UNIVERSITY MEDICAL CENTER ORTHOPAEDIC SURGERY RESIDENCY PROGRAM <i>Resident Physician</i>	Chicago, IL
August 2025 – July 2026	NEW YORK PRESBYTERIAN HOSPITAL/HOSPITAL FOR SPECIAL SURGERY – ADULT RECONSTRUCTION FELLOWSHIP <i>Clinical Fellow Physician</i>	New York, NY

PROFESSIONAL SOCIETY MEMBERSHIPS

2020 – Present	AMERICAN ASSOCIATION OF ORTHOPAEDIC SURGEONS (AAOS)
2021 – Present	AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS (AAHKS)
2023 – Present	YOUNG ARTHROPLASTY GROUP OF AAHKS

EMPLOYMENT & LEADERSHIP ACTIVITIES

2018 – 2019	THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE Co-Founder of M3 Trauma Simulation Competition - Coordinated with attending physicians, simulation administrators, and clinical skills staff to organize an event in which teams of students would be evaluated on their performance to stabilize an acute trauma patient - Selected and developed appropriate simulations and grading scales to aid in the clinical development of M3 students interested in trauma clinical scenarios	Columbus, OH
2017-2018	THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE Orthopaedic Surgery Interest Group Executive Board Planned and facilitated orthopedic surgery interest group meetings focusing on interactive workshops, lectureship series, and residency information sessions for prospective orthopedic surgery applicants	Columbus, OH
2017-2018	THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE M2-M1 Mentorship Co-Chair - Paired newly matriculated medical students with second year medical students to facilitate meaningful relationships that focused on healthy work-life balance and medical school success - Pairings were based of similar interest, hometown and career aspirations	Columbus, OH
2010 – 2014	DARTMOUTH COLLEGE FOOTBALL <i>Division I College Football program – Football Championship Subdivision (FCS) – Ivy League</i> Student-Athlete - Two-time letter winner and contributor to the Dartmouth Football program - Selected as football representative to meet with the Friends of Dartmouth Athletics and Board of Trustees - Recipient of Special Teams game ball vs Brown University - Developed time management skills, strengthened mental and physical capacity, built teamwork and communication skills.	Hanover, NH

EXPERIENCE

Summer 2017	AMERICAN HEART ASSOCIATION & OSUWMC CARDIOTHORACIC SURGERY Cardiothoracic Surgery Summer Scholar – Department of Cardiothoracic Surgery - Funded 8-week cardiothoracic surgery program designed to spark interest within medical students - Rotated on adult cardiac, adult thoracic and pediatric/congenital cardiothoracic services - Experience included: participating in the peri-operative care of surgical patients, scrubbing surgical cases as first or second assist, attending grand rounds and other meetings/conferences/journal clubs - Concluded experience with case presentation to department faculty on aortic-enteric fistulas	Columbus, OH
2015 – 2016	RUSH UNIVERSITY MEDICAL CENTER – Midwest Orthopaedics at RUSH Clinical Research Assistant – Department of Orthopaedic Surgery, PI: Nikhil N. Verma, MD - Conducted the biomechanical and clinical research for Dr. Nikhil Verma and other RUMC attending physicians while also assisting in clinical duties - Worked closely with residents and fellows to aid in the completion of research projects and perioperative work	Chicago, IL

2014 – 2015	○ Personally analyzed patient reported outcomes compliance for surgical patients and evaluated the efficacy of the electronic administration of patient reported outcome forms for personal project/paper ○ Ordered, handled and prepped donor specimens for biomechanical studies	Columbus, OH
	THE OHIO STATE UNIVERSITY MEDICAL CENTER Research Assistant – Davis Heart and Lung Research Institute, PI: Peter Mohler, PhD	
July 2013	○ Focused on a project analyzing pro-arrhythmic ion channel gene mutations in cardiac myocytes ○ Project was to identify the mechanism of these arrhythmias by determining which proteins or channels were disrupted by these mutations	Cambridge, England
	CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST Student Assistant to CEO – Administrative Department, CEO – Keith McNeil, MD	
Winter 2013	○ Assisted in timeline creation and personnel delegations for the CEO's new Smoke-Free Campus ○ Actively participated in and observed hospital administration and policy meetings	Columbus, OH
	THE OHIO STATE UNIVERSITY MEDICAL CENTER Research Assistant – Department of Orthopaedic Surgery, PI: David Flanagan, MD	
Summer 2011	○ Focused on a project analyzing anatomical differences within the knee joint amongst genders and age groups using an advanced imaging program ○ Assisted in the systematic research of patellar tendinopathy	Columbus, OH
	THE OHIO STATE UNIVERSITY MEDICAL CENTER Research Assistant – Department of Surgery, PI: Amer Rajab, MD	
	○ Prepared and conducted first experiments of a research project analyzing the effects of Exenatide ○ Preliminary work included analyzing blood work of non-obese diabetic mice, perfusion of non-obese diabetic murine pancreases and identification of mice containing the proper genes	

VOLUNTEER WORK

2015 – 2018	SOUTH HIGH SCHOOL MENTORSHIP PROGRAM <i>A high school mentorship program that is partnered with The Ohio State University College of Medicine (OSUCOM) focusing on improving graduation rates and college acceptances</i> Founder and Senior Mentor ○ Collaborated with administrators and teachers from South High School, third-party consultants and The Ohio State University Medical Center physicians to develop interactive events that inspire students to graduate and pursue esteemed professions ○ Developed mentorship program that provides one on one experiences between South High School students and OSUCOM students	Columbus, OH
August 2013	TOP BOX FOODS <i>A Non-Profit Organization that delivers high-quality affordable foods to food deserts in the Chicagoland area</i> Intern and Volunteer ○ Helped organize and compile the contact information for churches, schools and community centers in the Chicagoland area ○ Worked with a team of interns to write the volunteer handbook, organize delivery forms and set up the social media accounts ○ Personally delivered fresh and affordable foods to the paying customers of food deserts in Chicago	Chicago, IL
Winter 2013	COMMON HOPE <i>A Non-Profit Organization located in Antigua, Guatemala that focuses on community support and outreach</i> Volunteer ○ Assisted the organization in three areas: education, home construction and medical administration ○ Educated and mentored young children, built houses for impoverished families and organized medical records and categorized prescription drugs for patients at the free clinic ○ Traveled to the extended site, Nueva Esperanza, to continue the community outreach	Antigua, Guatemala

PUBLICATIONS – PEER-REVIEWED

1. **Higgins JDD**, Mehta N, Karas V, Nam D, Della Valle CJ. *Does the Amount of Noise Generated Differ Between Manual and Robotic TJA?* Knee. 2025 July.
2. **Higgins JDD**, Dandamudi S, Forlenza E, Bradley AT, Tseng J, Gerlinger TL. *Isolated Femoral Component Revision Outcomes in the Setting of Acute Periprosthetic Femoral Fractures.* J Arthroplasty. 2025 June.
3. **Higgins JDD**, Kurina SJ, DeBenedetti A, Hannon CP, Della Valle CJ. *Do Outcomes Differ After Medial Unicompartmental Knee Arthroplasty Based on Indications? A Prospective Cohort Study.* J Arthroplasty. 2025 May.
4. Kurina SJ, **Higgins JDD**, Turkmani A, Kerbel YE, Della Valle CJ. *Comparing Patient Preference for Highly Congruent Versus Cruciate-Retaining Inserts in Bilateral Knee Arthroplasties.* J Arthroplasty. 2025 March.
5. Jones CM, Acuña AJ, Forlenza EM, **Higgins JDD**, Gerlinger T, Della Valle CJ. *Hyaluronic acid injections administered within two months prior to total knee arthroplasty increase the risk for periprosthetic joint infection.* Knee. 2025 Mar;53:103-107.
6. Forlenza EM, **Higgins JDD**, Keating TC, Berger RA, Della Valle CJ, Sporer S. *Three Differing Methods of Treating Intraoperative Non-Displaced Calcar Fractures Demonstrate Similar Radiographic Stem Subsidence.* J Arthroplasty. 2024 Mar.
7. Serino JM, Terhune EB, Burnett RA, **Higgins JDD**, Jacobs JJ, Della Valle CJ, Nam D. *The Ideal Timing of Bilateral Total Knee Arthroplasty: Simultaneous versus Staged.* ABJS. 2023 Dec.
8. Forlenza EM, Terhune EB, **Higgins JDD**, Jones C, Geller JA, Della Valle CJ. *Invasive Gastrointestinal Endoscopy Following Total Joint Arthroplasty Increases the Risk for Periprosthetic Joint Infection.* J Arthroplasty. 2023 Jul;38(7 Suppl 2):S394-S398
9. Burnett RA, Serino J, Hur ES, **Higgins JDD**, Courtney PM, Della Valle CJ. *Outpatient Total Knee Arthroplasty Shows Decreasing Complication Burden From 2010 to 2020.* J Arthroplasty. 2023 Sep;38(9):1718-1725.
10. Forlenza EM, **Higgins JDD**, Burnett RA, Serino J, Della Valle CJ. *COVID-19 Infection After Total Joint Arthroplasty Is Associated With Increased Complications.* J Arthroplasty. 2022 Jul;37(7S):S457-S464.
11. Federico V, **Higgins JD**, Nolte MT, Kogan M. *Promoting Wellness in Orthopaedic Surgery Residency.* JAAOS Global Research & Reviews. November 2021

12. Singh H, Isak I, Cregar WM, **Higgins JD**, Vadhera AS, Perry AK, Nicholson GP, Cole BJ, Verma NN. *Retrospective Analysis of Patients Undergoing Arthroscopic Rotator Cuff Repair at a Single Institution Yields a 0.1% Postoperative Infection Rate*. *Arthrosc Sports Med Rehabil*. 2021 Nov 1;3(6):e1853-e1856.
13. Bedi A, Weber AE, Trasolini NA, Mayer EN, Bolia IK, **Higgins J**, Hamamoto J, Cole BJ, Bach BR, Verma NN. *Does Bone Plug and Graft Orientation (Inferior versus Posterior) Alter Native Femoral Footprint Coverage in Bone Patellar Tendon Bone Anterior Cruciate Ligament Reconstruction?* *Arthroscopy*. 2020 Jul; 36 (7): 1875-1881
14. Everhart J, Kirven J, **Higgins J**, Hair A, Chaudhari A, Flanigan D. *The relationship between lateral epicondyle morphology and iliotibial band friction syndrome: a matched case-control study*. *The Knee*. 2019 Aug 20.
15. Barlow J, Grosel T, **Higgins J**, Everhart J, Magnussen R. *Surgical Treatment Outcomes After Primary vs Recurrent Anterior Shoulder Instability*. *J Clin Ortho Trauma*. 2019 Oct 22.
16. Everhart J, **Higgins J**, Poland S, Abouljoud M, Flanigan D. *Meniscal repair in patient age 40 and older: a systematic review of 11 studies and 148 patients*. *The Knee*. 2018 Nov 7.
17. Saltzman BM, Mayo BC, **Higgins JD**, Gowd AK, Cabarcas BC, Leroux TS, Basques BA, Nicholson GP, Bush-Joseph CA, Romeo AA, Verma NN. *How many innings can we throw: does workload influence injury risk in Major League Baseball? An analysis of professional starting pitchers between 2010 and 2015*. *J Shoulder Elbow Surg*. 2018 May 31
18. Makhni EC, **Higgins JD**, Hamamoto JT, Romeo AA, Cole BJ, Verma NN. *Patient Compliance With Electronic Patient Reported Outcomes Following Shoulder Arthroscopy*. *Arthroscopy* 2017 Nov; 33(11)
19. Frank RM, **Higgins JD**, Bernardoni M, Cvetanovich G, Bush-Joseph CB, Verma NN, Bach BR Jr. *Anterior Cruciate Ligament Reconstruction Basics: Bone Patellar Tendon Bone Autograft Harvest*. *Arthrosc Tech*. 2017 Jul 31
20. Hamamoto JT, Frank RM, **Higgins JD**, Provencher MT, Romeo AA, Verma NN. *Shoulder Arthroscopy in the Lateral Decubitus Position*. *Arthrosc Tech*. 2017 Jul 31
21. **Higgins JD**, Frank RM, Hamamoto JT, Provencher MT, Romeo AA, Verma NN. *Shoulder Arthroscopy in the Beach Chair Position*. *Arthrosc Tech*. 2017 Jul 31
22. Everhart, JS, Cole D, Sojka JH, **Higgins JD**, Magnussen RA, Schmitt LC, Flanigan DC. *Treatment Options for Patellar Tendinopathy: A Systematic Review*. *Arthroscopy*. 2017 April;33(4):861-872
23. Makhni EC, Hamamoto JT, **Higgins JD**, Patterson T, Griffin JW, Romeo AA, Verma NN. *How Comprehensive and Efficient are Patient Reported Outcomes for Rotator Cuff Tears?* *Orthop J Sports Med*. 2017 Mar 9;5(3)
24. Makhni EC, Meadows M, Hamamoto JT, **Higgins JD**, Romeo AA, Verma NN. *Patient Reported Outcomes Measurement Information System (PROMIS) in the Upper Extremity: the Future of Outcomes Reporting?* *J Shoulder Elbow Surg*. 2017 Feb;26(2):352-357
25. Cvetanovich GL, Hamamoto JT, Campbell KJ, McCarthy M, **Higgins JD**, Verma NN. *The Use of Accessory Portals in Bankart Repair with Posterior Extension in the Lateral Decubitus Position*. *Arthrosc Techn*. 2016 Oct 3;5(5)
26. Musa H, Murphy NP, Curran J, **Higgins JD**, Webb TR, Makara MA, Wright P, Lancione PJ, Lubber ER, Healy JA, Smith SA, Bennett, V, Hund TJ, Kline CF, Mohler PJ. *Common Human ANK2 Variant Confers in vivo Arrhythmia Phenotype*. *Heart Rhythm*. 2016 Sep;13(9):1932-40
27. Cvetanovich GL, Leroux, T, Hamamoto JT, **Higgins JD**, Romeo AA, Verma NN. *Arthroscopic 360-Degree Capsular Release for Adhesive Capsulitis in the Lateral Decubitus Position*. *Arthrosc Tech*. 2016 Sep 12;5(5)
28. Hamamoto JT, Leroux T, Chahla J, Bhatia S, **Higgins JD**, Romeo AA, Yanke AB, Verma NN. *Assessment and Evaluation of Glenoid Bone Loss*. *Arthrosc Tech*. 2016 Aug 22;5(4):e947-e951
29. Curran J, Musa H, Kline CF, Makara MA, Little SC, **Higgins JD**, Hund TJ, Band H, Mohler PJ. *Eps15 Homology Domain-containing Protein 3 Regulates Cardiac T-type Ca²⁺ Channel Targeting and Function in the Atria*. *J Biol Chem*. 2015 May 8;290(19):12210-21

ABSTRACTS & PRESENTATIONS

1. **Higgins JDD**, Kurina SJ, Turkmani A, Kerbel YE, Della Valle CJ. *Do Patients Prefer One TKA Polyethylene over Another? A Comparison of Patients with a Highly Congruent insert in one knee versus a Cruciate-Retaining in the other. A Prospective Cohort Study*. American Association of Orthopaedic Surgeons Annual Meeting 2025. March 2025 (ePoster).
2. **Higgins JDD**, Bradley AT, Forlenza E, Tseng J, Gerlinger TL. *Isolated Femoral Component Revision Outcomes in the Setting of Acute Periprosthetic Femur Fractures*. American Association of Hip and Knee Surgeons Annual Meeting. November 2024 (Poster Presentation)
3. **Higgins JDD**, Mehta N, Karas V, Nam D, Della Valle CJ. *"Manual and Robotic TJA Noise Levels Do Not Differ and Do Not Exceed Safe Action Limits."* American Association of Hip and Knee Surgeons Annual Meeting. November 2024 (Poster Presentation)
4. Kurina SJ, **Higgins JDD**, Turkmani A, Kerbel YE, Della Valle CJ. *Do Patients Prefer One TKA Polyethylene over Another? A Comparison of Patients with a Highly Congruent insert in one knee versus a Cruciate-Retaining in the other. A Prospective Cohort Study*. Mid-America Orthopaedic Association Annual Meeting. Bonita Springs, FL. April 2024 (Podium Presentation)
5. **Higgins JDD**, Mehta N, Karas V, Nam D, Della Valle CJ. *Does the Amount of Noise Generated Differ between Manual and Robotic TJA?*. Mid-America Orthopaedic Association Annual Meeting. Bonita Springs, FL. April 2024 (Podium Presentation)
6. **Higgins JDD**, Kurina SJ, DeBenedetti A, Hannon CP, Della Valle CJ. *Do Outcomes Differ After Medial Unicompartmental Knee Arthroplasty Based on Indications? A Prospective Cohort Study*. Mid-America Orthopaedic Association Annual Meeting. Bonita Springs, FL. April 2024 (Podium Presentation)
7. Forlenza EM, **Higgins JDD**, Keating TC, Berger RA, Della Valle CJ, Sporer S. *Three Methods of Treating Intraoperative Calcar Fractures Demonstrate Equivalent Stem Subsidence*. Mid-America Orthopaedic Association Annual Meeting. Bonita Springs, FL. April 2024 (Podium Presentation)
8. Forlenza E, **Higgins JD**, Keating T, Berger RA, Sporer S, Della Valle CJ. *Three Differing Methods of Treating Intraoperative Non-Displaced Calcar Fractures Demonstrate Equivalent Radiographic Stem Subsidence*. American Association of Hip and Knee Surgeons Annual Meeting. Grapevine, TX. November 2023. (Poster Presentation)
9. Serino J, Terhune EB, Burnett RA, **Higgins JD**, Jacobs JJ, Della Valle CJ, Nam D. *The Ideal Timing of Bilateral Total Knee Arthroplasty: Simultaneous versus Staged*. Current Concepts in Joint Replacement Annual Meeting. Orlando, FL. December 2022. (Poster Presentation)
10. Serino J, Terhune EB, Burnett RA, **Higgins JD**, Guntin JA, Della Valle CJ, Nam D. *Bilateral Total Hip Arthroplasty Staged within Six Weeks Increases Risk of Adverse Events*. Current Concepts in Joint Replacement Annual Meeting. Orlando, FL. December 2022. (Poster Presentation)

11. Weber A, **Higgins J**, Hamamoto J, Bogunovic L, Campbell K, Bach Jr. B, Cole B, Verma N. *ACL Reconstruction With A Novel Transtibial Guide System Provides The Benefits Of The Anteromedial Portal Technique: A Cadaveric Study*. 11th Biennial International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine Congress. Shanghai, China. June 2017 (Paper Presentation)
12. Weber A, Bedi A, **Higgins J**, Hamamoto J, Cole B, Bach Jr. B, Verma N. *Does Bone Plug And Graft Orientation Affect Native Femoral Footprint Coverage In Anterior Cruciate Ligament Reconstruction?* 11th Biennial International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine Congress. Shanghai, China. June 2017. (ePoster)
13. Bhatia, S, Chahla J, Hamamoto JT, **Higgins J**, Leroux TS, Romeo AA, Verma NN, Yanke AB. *Assessment and Evaluation of Glenoid Bone Loss*. 2017 American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. March 2017. (Educational Program)
14. Makhni EC, Hamamoto JT, **Higgins JD**, Patterson T, Griffin JW, Romeo AA, Verma NN. *How Comprehensive and Efficient are Patient Reported Outcomes for Rotator Cuff Tears?* 2017 American Shoulder and Elbow Surgeons Specialty Day. San Diego, CA. March 2017 (ePoster).
15. Meadows M, Makhni EC, Hamamoto JT, **Higgins JD**, Nho SJ, Verma NN. *How Comprehensive And Efficient Are Patient Reported Outcomes for Femoroacetabular Impingement?* American Orthopaedic Society for Sports Medicine 2017 Annual Meeting. Toronto, Canada. July 2017. (Abstract).
16. Makhni E, Hamamoto J, **Higgins J**, Patterson T, Romeo AA, Verma NN. *Patient Reported Outcomes for Rotator Cuff Disease – Which PRO Should You Use?* The American Orthopaedic Society for Sports Medicine Annual Meeting. Colorado Springs, CO. July 2016. (Podium).
17. Makhni EC, **Higgins JD**, Hamamoto JT, Verma NN. *Incorporating Electronic Outcomes Reporting into Your Orthopedic Practice*. American Academy of Orthopedic Surgeons Annual Meeting. Orlando, FL. March 2016. (Technology Theater).

BOOK CHAPTERS

1. Hamamoto JT, **Higgins JD**, Makhni EC, Verma NN. *Synovial Chondromatosis Involving the Long Head of the Biceps*. In: Verma N., Strauss E. (eds) *The Biceps and Superior Labrum Complex*. Springer, Cham. Published 2017
2. Griffin JW, **Higgins JD**, Leroux TS, Romeo AA. *Anterior Shoulder Pain in a 23-year-old Overhead Throwing Athlete*. In: Verma N., Strauss E. (eds) *The Biceps and Superior Labrum Complex*. Springer, Cham. Published 2017
3. Frank RM, Hamamoto JT, Sanchez G, **Higgins JD**. *Arthroscopic Anatomy of the Shoulder and Rotator Cuff*. In: Provencher M, Romeo A, Cole B, Boileau P, Verma N. *Disorders of the Rotator Cuff and Biceps Tendon*. Elsevier, New York, NY. July 2019

GRANTS & AWARDS

Spring 2019	JOHN B. ROBERTS AWARD IN ORTHOPAEDICS RECIPIENT – The Ohio State University College of Medicine - Awarded to the most outstanding OSUCOM medical student perusing Orthopaedic Surgery
Spring 2019	FRANCIS L. LANDACRE ENDOWED SCHOLARSHIP RECIPIENT – The Ohio State University College of Medicine - Awarded to the OSUCOM medical student with anatomic research interest
