

CURRICULUM VITAE


Julius K. Oni, MD

6/20/2025

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

University

2024-present Associate Professor, Department of Orthopaedic Surgery, Johns Hopkins University School of Medicine
2016-2023 Assistant Professor, Department of Orthopaedic Surgery, Johns Hopkins University School of Medicine
2022-2024 Fellowship Director, Adult Reconstructive (Hip and Knee) Orthopaedic Surgery
2019-2024 Chair, Orthopaedic Surgery Diversity Council, Johns Hopkins University School of Medicine
2020-2025 Director, Global Orthopaedics at Johns Hopkins (GO-JH), Johns Hopkins University School of Medicine

Hospital

2016-2025 Attending Physician, Department of Orthopaedic Surgery, Johns Hopkins Hospital

Personal Data

Johns Hopkins Department of Orthopaedic Surgery
4940 Eastern Avenue, Bldg. A-6th Floor
Baltimore, MD 21224
P: 410-550-6881
F: 410-367-3275
E: joni@jhmi.edu

Education and Training

1999-2003 B.A, Biology (*Summa Cum Laude*) State University of New York at Plattsburgh, Plattsburgh, NY
2002 Research Fellowship University of Iowa Department of Biochemistry, Iowa City, IA
2002 Research Fellowship, NIH/National Cancer Institute, Bethesda, MD
2003-2007 M.D. (*Alpha Omega Alpha*) Howard University College of Medicine, Washington, DC
2007-2012 Residency, Orthopaedic Surgery NYU-Hospital for Joint Diseases, New York, NY
2012-2013 Fellowship, Adult Reconstructive Fellowship, Rush University Medical Center, Chicago, IL
2017 Executive Certificate in Business Communications Johns Hopkins Carey Business School, Baltimore MD
2021 Executive Certificate in Diversity and Inclusion Cornell University, New York, NY

Professional Experience

2008-2011 Staff Physician, Alvin Ailey Dance Theater, New York, NY
2009-2010 Staff Physician, Bayside High School Football, New York, NY
2012-2013 Clinical Instructor, Rush University Medical Center, Chicago, IL
2013-2016 Attending Orthopaedic Surgeon, Einstein Medical Center, Philadelphia, PA
2015-2016 Clinical Assistant Professor of Orthopaedic Surgery, Thomas Jefferson University, Phila PA
2016-2025 Orthopaedic Surgeon, Johns Hopkins Bayview Hospital, Baltimore, MD
2016-2023 Assistant Professor of Orthopaedic Surgery, Johns Hopkins University SOM, Baltimore, MD
2024-2025 Associate Professor of Orthopaedic Surgery, Johns Hopkins University SOM, Baltimore, MD

PUBLICATIONS

Original Research [OR]

1. Li H; Mao Y; **Oni JK**; Dai K; Zhu Z. THA for developmental dysplasia of the hip with greater than 30% lack of coverage of uncemented acetabular components. JBJS Br 2013 Sep. 95-B(9): 1178-83. PMID: 23997128.
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Data analysis/interpretation
2. **Oni JK**, Pinero JR, Saltzman BM, Jaffe FF. Effect of a selective COX-2 inhibitor, celecoxib, on heterotopic ossification after total hip arthroplasty: a case-controlled study. Hip International, 2014 May-Jun. 24(3):256-62. PMID: 24474408
3. Cravino M, **Oni JK**, Sala DA, Chu A. A Radiographic Study of Pediatric Ulnar Anatomy. J Pediatr Orthop 2014 Jul-Aug; 34(5):537-41. PMID: 24590326
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Designed experiments, Data analysis/interpretation, Recruited subjects

4. Li H, Wang Y, **Oni JK**, Qu X, Li T, Zeng Y, Liu F, Zhu Z. The role of femoral neck anteversion in the development of osteoarthritis in dysplastic hips. *Bone Joint J.* 2014 Dec; 96-B (12):1586-93. PMID: 25452359
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Data analysis/interpretation
5. Atanda AA, **Oni JK**, Ramsden DM, Yoon RS, Ahmad AA, Otsuka NY. The Prognostic Value of the Radiologic Appearance of the Navicular Ossification Center in Congenital Talipes Equinovarus. *J Foot Ankle Surg.* 2015 SepOct;54(5):844-7. PMID: 26049641
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Designed experiments
Data analysis/interpretation
6. Albany JM, Borton D, Yerkes A, **Oni J**, Reynolds C, Jagiela C. Multidisciplinary Collaboration and Use of Evidence-based Bundle Reduce Surgical Site Infections Associated with Hip and Knee Arthroplasty. *American Journal of Infection Control* 2016. 44 (6), 2016
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Designed experiments, Data analysis/interpretation
Raad M, Amin RM, El Abiad JM, Puvanesarajah V, Best MJ, **Oni JK**. Preoperative Patient Functional Status is an Independent Predictor of Postoperative Outcomes after Primary Total Hip Arthroplasty. *Orthopedics.* 2019 May; 42(3):e326-e330. PMID: 30913294
Khanuja HS, Solano MA, Sterling RS, **Oni JK**, Chaudhry YP, Jones LC. Surgeon Mean Operative Times in Total Knee Arthroplasty in a Variety of Settings in a Health System. *The Journal of Arthroplasty.* 2019 Nov; 34(11): 2569-2572. PMID: 31301911
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
7. Yi PH, Wei J, Kim TK, Sair HI, Hui FK, Hager GD, Fritz J, **Oni JK**. Automated Detection & Classification of Knee Arthroplasty Using Deep Learning. *Knee.* 2020 Mar. 27(2): 535-542. PMID: 31883760
Chaudhry YP, Solano M, Hasan S, **Oni JK**, Sterling RS, Khanuja HS. Published operative times do not reflect surgeon effort: a novel approach for calculating operative times in total hip arthroplasty to better quantify surgeon work. *J Arthroplasty.* 2020 Jun; 35(6): 1484-1488. PMID: 32139193
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
8. Yan J, Chaurasia A, McCarren K, Li R, State C, Takasuka H, Bender E, Jithendra A, Hill M, Manbachi M, **Oni JK**. Infrared image-guidance for intraoperative assessment of limb length discrepancy during total hip arthroplasty orthopedic procedures. *SPIE Journal of Medical Imaging.* 2020 *March 16*; <https://doi.org/10.1117/12.2548860>
9. Chaurasia A, Yan J, McCarren K, Li R, State C, Takasuka H, Bender E, Jithendra A, Hill M, Manbachi M, **Oni JK**. An Evaluation of Sensing Technologies to Measure Intraoperative Leg Length for Total Hip Arthroplasty. *Des Med Devices Conf* (2020). 2020 Apr; 2020:V001T06A007. PMID: 35253012
10. Runge NE, Jay JH, Vergara FH, **Oni JK**. An Analysis of Online Ratings of Hip and Knee Surgeons. *J Arthroplasty.* 2020 May. 35(5): 1432-1436. PMID: 31973969
11. Khanuja HS, Chaudhry YP, Sheth NP, **Oni JK**, Parsley BS, Morrison JC. Humanitarian Needs: The Arthroplasty Community and the COVID-19 Pandemic. *J Arthroplasty.* 2020 Jul; 35(7S):S85-S88. PMID: 32381442
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Data analysis/interpretation
12. Rao SS, Chaudhry YP, Solano MA, Sterling RS, **Oni JK**, Khanuja HS. Routine Preoperative Nutritional Screening in Primary Total Joint Arthroplasty Patients has Little Utility. *J Arthroplasty.* 2020 Dec; 35 (12): 3505 -3511 PMID: 32723504
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
13. Oh ES, Leoutsakos J, Rosenberg PB, Pletnikova, A, Khanuja HS, Sterling RS, **Oni JK**, Sieber FE, Fedarko NS, Akhlaghi N, Neufeld KJ. Effects of Ramelteon on the Prevention of Postoperative Delirium in Older Patients Undergoing Orthopedic Surgery: The RECOVER Randomized Controlled Trial. *The American Journal of Geriatric Psychiatry.* 2021 Jan. 29 (1): 90-100. PMID: 32532654
Manuscript editing, Study conceptualization and design, Data analysis/interpretation, Recruited subjects
14. Chaudhry YP, Rao SS, Hasan, SA, **Oni JK**, Khanuja HS, Sterling RS. Routine Basic Metabolic Panels Are Not Needed in All Patients after Primary Total Joint Arthroplasty: An Opportunity for Cost Reduction. *J Arthroplasty.* 2021 Feb; 36(2):462-466. PMID: 32994110
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
15. Chaudhry YP, Puvanesarajah V, Sterling RS, **Oni JK**, Khanuja HS. A Fall Within 3 Months Before Total Joint Arthroplasty is Associated With Adverse Outcomes in Elderly Patients. *J Arthroplasty.* 2021 Apr; 36(4): 1246 - 1250. PMID: 33190996
Manuscript editing, Study conceptualization and design, Data analysis/interpretation

16. Chaudhry YP, Rao SS, Puvanesarajah V, Amin RM, Khanuja HS, **Oni JK**, Hasenboehler EA, Sterling RS. Complications and 30-Day Mortality Rate After Hip Fracture Surgery in Super-Obese Patients. *Journal of Orthopedic Trauma*. 2021 Jun 1;35(6):322-328.. PMID: 33165206
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
17. Farvadin A, Bakhtiarinejad M, Murphy RJ, Basafa E, Khanuja HS, **Oni JK**, Armand M. A Biomechanically-guided Planning and Execution Paradigm for Osteoporotic Hip Augmentation: Experimental Evaluation of the Biomechanics and Temperature-rise. *Clinical Biomechanics*. 2021 July; 87:105392. PMID: 34174676.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
18. Chaudhry YP, MacMahon A, Rao SS, Sterling RS, **Oni JK**, Khanuja HS. Incidence, Mortality, and Complications of Acute Myocardial Infarction With and Without Percutaneous Coronary Intervention in Hip Fracture Patients. *Injury*. 2021. Aug; 52(8):2344-2349. PMID: 33663802
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
19. Laskow T, Zhu J, Buta B, **Oni J**, Sieber F, Bandeen-Roche K, Walston J, Franklin P, Varadhan R. Risk Factors for Non-Resilient Outcomes in Older Adults after Total Knee Replacement in the FORCE-TJR Cohort. *Journal of Gerontology: Medical Sciences*. 2021 Sep 4. In press. PMID: 34480562
Manuscript editing, Study conceptualization and design, Data analysis/interpretation, Recruited subjects
20. Jay JH, Runge NE, Vergara FH, Sabatini CS, **Oni JK**. An Analysis of Online Ratings of Pediatric Orthopaedic Surgeons. *J Pediatr Orthop*. 2021 Oct 1; 41(9):576-579. PMID: 34387231
21. Chaudhry YP, MacMahon A, Rao SS, Mekawy KL, Toci GR, **Oni JK**, Sterling RS, Khanuja HS. Predictors and Outcomes of Postoperative Hemoglobin of <8 g/dL in Total Joint Arthroplasty. 2022 Jan 19; 104(2): 166-171
PMID: 34637406
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
22. Lyons S, Xu AL, Durand WM, Patel S, Babu JM, **Oni JK**. The Impact of the COVID-19 Pandemic on the Functionality of International Surgical Volunteer Organizations. *Front Surg*. 2022 Apr 6; 9:868023. PMID: 35465436
Co-wrote manuscript, Manuscript editing, Study conceptualization and design, Designed experiments, Data analysis/interpretation, Recruited subjects
23. Taylor E, Dacus AR, **Oni JK**, Suleiman LI. An Introduction to the Orthopaedic Diversity Leadership Consortium: Advancement of Our Orthopaedic Leaders of Diversity, Equity and Inclusion Through Networking, Strategy, and Innovation. *J Bone Joint Surg Am*. 2022 Aug 17;104(16):e72. PMID: 3523553
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
24. MacMahon A, Hasan SA, Patel M, **Oni JK**, Khanuja HS, Sterling RS. Increased Patient-Level Payment After Removal of Total Knee Arthroplasty from the Inpatient-Only List. *J Arthroplasty*. 2022 Sep; 37(9):1715-1718. PMID: 35405264.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
25. Badin D, Ortiz-Babilonia C, Harris A, Raad M, **Oni JK**. Early Postoperative Complications in Total Hip and Knee Arthroplasty Before and During the COVID-19 Pandemic: A Retrospective Analysis of 38,234 Patients. *Arthroplasty Today*. 2022 Sep 6. PMID: 36092773
26. Chaudhry YP, Mekawy KL, Hasan SA, Rao SS, Amin R, **Oni JK**, Sterling RS, Khanuja HS. Transfusion Rates in the Operative Treatment of Prosthetic Hip and Knee Infection. *Orthopedics*. 2022 Sep 13:1-7. PMID: 36098575
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
27. Mekawy KL, Chaudhry YP, Mawn JG, MacMahon A, **Oni JK**, Sterling RS, Sotsky RB, Khanuja HS. Determining a preoperative international normalised ratio threshold safe for hip fracture surgery. *Hip Int*. 2023 Jan 17:11207000221148096. doi: 10.1177/11207000221148096. Epub ahead of print. PMID: 36650617.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
28. Levy KH, Gupta A, Murdock CJ, Marrache M, Beebe KS, Laporte DM, **Oni JK**, Aiyer AA. Effect of Faculty Diversity on Minority Student Populations Matching into Orthopaedic Surgery Residency Programs. *JB JS Open Access*. 2023 Jan 6;8(1):e22.00117. doi: 10.2106/JBJS.OA.22.00117. PMID: 36698980; PMCID: PMC9820786.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
29. Harris AB, Badin D, Hegde V, **Oni JK**, Sterling RS, Khanuja HS. Preoperative Anemia is an Independent Risk Factor for Increased Complications and Mortalities After Total Knee Arthroplasty Regardless of Postoperative Transfusions. *J Arthroplasty*. 2023 Feb 1:S0883-5403(23)00062-1. doi: 10.1016/j.arth.2023.01.042. Epub ahead of print. PMID: 36736931.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
30. Liu M, Martin-Gomez A, Oni JK, Mears SC, Armand M. Towards Visualizing Early-stage Osteonecrosis using Intraoperative Imaging Modalities. *Comput Methods Biomech Biomed Eng Imaging Vis*. 2023;11(4):1234-1242. doi: 10.1080/21681163.2022.2157329. Epub 2022 Dec 18. PMID: 38179232; PMCID: PMC10766436.

31. Bakhtiarinejad M, Gao C, Farvardin A, Zhu G, Wang Y, **Oni JK**, Taylor RH, Armand M. A Surgical Robotic System for Osteoporotic Hip Augmentation: System Development and Experimental Evaluation. *IEEE Trans Med Robot Bionics*. 2023 Feb;5(1):18-29. doi: 10.1109/tmrb.2023.3241589. Epub 2023 Feb 1. PMID: 37213937; PMCID: PMC10195101.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
32. White PB, Giordano JR, Chen M, Bitterman AD, **Oni JK**, Zaccilli M, Poon SC, Cohn RM. Residency Match Rates in Orthopaedic Surgery Based on Sex, Under-Represented in Medicine Status, and Degree Type. *JB JS Open Access*. 2023 Mar 22;8(1):e22.00143. doi: 10.2106/JBJS.OA.22.00143. PMID: 36969690; PMCID: PMC10032572.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
33. Barry K, Mekawaty KL, Nayar SK, **Oni JK**. Racial Disparities in Short-Stay and Outpatient Total Hip and Knee Arthroplasty: 13-year Trend in Utilization Rates and Perioperative Morbidity Using a National Database. *J Am Acad Orthop Surg*. 2023 May 18. doi: 10.5435/JAMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS - D-22-00803. Epub ahead of print. PMID: 37205876.
34. Dhanjani S; Schmerler J; Wenzel A; Gomez G; **Oni J**; Hegde V. Racial and Socioeconomic Disparities in Risk and Reason for Revision in Total Joint Arthroplasty. *Journal of the AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS* . 2023 Jun 2. doi: 10.5435/JAMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS -D-22-01124. Epub ahead of print. PMID: 37276485.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
35. Ajayi, P. T., Murdock, C. J., Destine, H., Trenchfield, D., Aiyer, A., **Oni, J.** (2023). Trends in racial, ethnic, and gender diversity in Orthopaedic Surgery Adult Reconstruction Fellowships from 2007 to 2021. *Journal of Arthroplasty*. 2023 Jun 2:S0883-5403(23)00571-5. doi: 10.1016/j.arth.2023.05.048. Epub ahead of print. PMID: 37271237.
36. Schmerler, J, Harris AB, Khanuja HS, **Oni JK**, Hegde V. Body Mass Index and Revision Total Knee Arthroplasty: Does Cause for Revision Vary by Underweight or Obese Status? *J Arthroplasty*. 2023 Jun 16:S0883-5403(23)00657-5. doi: 10.1016/j.arth.2023.06.019. Epub ahead of print. PMID: 37331444.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
37. Walston J, Varadhan R, Xue Q, Buta B, Sieber F, **Oni J**, Imus P, Crews DC, Artz A, Schrack J, Kalyani R, Abadir P, Carlson M, Hladek M, DeMarco MM, Jones R, Johnson A, Shafi T, Bandeen-Roche K. A Study of Physical Resilience and Aging (SPRING): Conceptual framework, rationale, and study design. *J Am Geriatr Soc*. 2023 Jun 30. doi: 10.1111/jgs.18483. Epub ahead of print. PMID: 37386913.
Manuscript editing, Study conceptualization and design, Designed experiments, Data analysis/interpretation, Recruited subjects
38. Mekawaty KL, Zhang B, Wenzel A, Harris AB, Khanuja HS, Sterling RS, Hegde V, **Oni JK**. Mapping the Course to Recovery: A Prospective Study on the Anatomic Distribution of Early Post-operative Pain after Total Knee Arthroplasty. *Arthroplasty*. 2023 Aug 3;5(1):37. doi: 10.1186/s42836-023-00194-3. PMID: 37533087; PMCID: PMC10399043.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
39. Harris AB, Root KT, Cueto R, Diaz MJ, Zhao A, **Oni JK**, Hegde V, Khanuja HS. The Definition of Anemia Matters when Using Preoperative Hemoglobin as a Screening Tool Prior to Total Hip and Knee Arthroplasty. *J Arthroplasty*. 2023 Nov 6:S0883-5403(23)01105-1. doi: 10.1016/j.arth.2023.10.059. Epub ahead of print. PMID: 37939888.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
40. Buchanan TR, Foreman, M, Cueto R, Harris AB, Root K, Sabharwal,S, Raad M, **Oni JK**. Can you Pay your way to Readership? Free to Publish Open Access Formats Receive Greater Readership and Citations than Paid Open Access Formats in Total Knee Arthroplasty Literature? *J Arthroplasty*. 2024 Jan 29:S0883-5403(24)00064-0. doi: 10.1016/j.arth.2024.01.040. Epub ahead of print. PMID: 38296120.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
41. Cueto R, Harris AB, Root K, Sabharwal S, Raad M, **Oni JK**. Open Access Publication in Total Knee Arthroplasty is Associated with Increased Social Media Attention, but is not Associated with Increased Citations. *Journal of Arthroplasty*. 2024 Feb;39(2):285-289. doi: 10.1016/j.arth.2023.05.085. Epub 2023 Jun 5. PMID: 37286049.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
42. Elbuzidi M, Wenzel AN, Harris A, Marrache M, **Oni JK**, Khanuja HS, Hegde V. Preoperative COVID-19 Infection Status Negatively Impacts Postoperative Outcomes of Geriatric Hip Fracture Surgery. *Injury*. 2024 Feb;55(2):111201. doi: 10.1016/j.injury.2023.111201. Epub 2023 Nov 14. PMID: 37980857.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation

43. Root KT, Harris AB, Ladehoff L, Cueto RJ, Diaz MJ, **Oni JK**. Publishing on Topical Subjects in Total Joint Arthroplasty is Associated with Increased Social Media Attention. *Journal of Arthroplasty*. 2024 Feb;39(2):290-294. doi: 10.1016/j.arth.2023.08.021. Epub 2023 Aug 12. PMID: 37574031.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
44. Harris AB, Badin D, Raad M, **Oni JK**. A Decade of Racial Trends in Unicompartamental Knee Arthroplasty Utilization. *Journal of Surgical Orthopaedic Advances*. October 2023. *Accepted for Publication: In Press*.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
45. Harris AB, Badin D, Raad M, **Oni JK**. A Decade of Racial Trends in Unicompartamental Knee Arthroplasty Utilization. *Journal of Surgical Orthopaedic Advances*. October 2023. *Accepted for Publication: In Press*.
Manuscript editing, Study conceptualization and design, Data analysis/interpretation
46. Root KT, Harris AB, Ladehoff LC, Cueto RJ, Diaz MJ, **Oni JK**. Publishing on Topical Subjects in Total Joint Arthroplasty Is Associated With Increased Social Media Attention. *J Arthroplasty*. 2024 Feb;39(2):290-294. doi: 10.1016/j.arth.2023.08.021. Epub 2023 Aug 12. PMID: 37574031.
47. Elbuzidi M, Wenzel AN, Harris A, Marrache M, **Oni JK**, Khanuja HS, Hegde V. Preoperative COVID-19 infection status negatively impacts postoperative outcomes of geriatric hip fracture surgery. *Injury*. 2024 Feb;55(2):111201. doi: 10.1016/j.injury.2023.111201. Epub 2023 Nov 14. PMID: 37980857.
48. Wenzel AN, Hasan SA, Chaudhry YP, Mekkawy KL, **Oni JK**, Khanuja HS. Response to Letter to the Editor From Vishwanathan and Vaishya. *J Arthroplasty*. 2024 Mar;39(3):e24-e25. doi: 10.1016/j.arth.2023.10.047. PMID: 38341239.
49. Schmerler J, Hussain N, Kurian SJ, Khanuja HS, **Oni JK**, Hegde V. Preoperative weight loss before total hip arthroplasty negatively impacts postoperative outcomes. *Arthroplasty*. 2024 Apr 2;6(1):13. doi: 10.1186/s42836-024-00237-3. PMID: 38561849; PMCID: PMC10986115.
50. Harris AB, Root KT, Cueto R, Diaz MJ, Zhao A, **Oni JK**, Hegde V, Khanuja HS. The Definition of Anemia Matters When Using Preoperative Hemoglobin as a Screening Tool Prior to Total Hip and Knee Arthroplasty. *J Arthroplasty*. 2024 May;39(5):1240-1244. doi: 10.1016/j.arth.2023.10.059. Epub 2023 Nov 7. PMID: 37939888.
51. Buchanan TR, Cueto RJ, Foreman M, Harris AB, Root KT, **Oni JK**. Can You Pay Your Way to Readership? Free to Publish Open Access Formats Receive Greater Readership and Citations Than Paid Open Access Formats in Total Knee Arthroplasty Literature. *J Arthroplasty*. 2024 Jun;39(6):1444-1449. doi: 10.1016/j.arth.2024.01.040. Epub 2024 Feb 1. PMID: 38296120.
52. Harris AB, Snyder EM, Vankara A, **Oni JK**, LaPorte D, Aiyer A. Who Bears the Burden? Understanding the Socioeconomic Patterns of Educational Debt in Orthopaedic Surgery Residency Candidates. *Clin Orthop Relat Res*. 2024 Aug 1;482(8):1341-1347. doi: 10.1097/CORR.0000000000003068. Epub 2024 Apr 11. PMID: 39031041; PMCID: PMC11272231.
53. Bartlett L, White PB, Poon S, Chen AF, **Oni JK**, Ponce BA, Cohn R. The Impact of the Dobbs v. Jackson Supreme Court Decision on Orthopaedic Residency Programs: A Collaborative Orthopaedic Education Research Group (COERG) Survey. *Cureus*. 2024 Aug 21;16(8):e67400. doi: 10.7759/cureus.67400. PMID: 39310423; PMCID: PMC11414725.
54. Silvestre J, Fernandez CA, **Oni JK**, Sabesan VJ, Nelson CL, Slone HS. International medical graduates in orthopaedic surgery: An opportunity to improve diversity and inclusion? *J Clin Orthop Trauma*. 2024 Aug 29;56:102522. doi: 10.1016/j.jcot.2024.102522. PMID: 39286006; PMCID: PMC11402300.
55. Mosher ZA, Bolognesi MP, Malkani AL, Meneghini RM, **Oni JK**, Fricka KB. Cementless Total Knee Arthroplasty: A Resurgence-Who, When, Where, and How? *J Arthroplasty*. 2024 Sep;39(9S2):S45-S53. doi: 10.1016/j.arth.2024.02.078. Epub 2024 Mar 7. PMID: 38458333.
56. Harris AB, Agarwal AR, Hegde V, **Oni JK**, Khanuja HS. Routine Prescription of Proton Pump Inhibitors in the Perioperative Period is Associated With Decreased Rates of 2-Year Revision Surgery After Total Hip and Knee Arthroplasty. *J Arthroplasty*. 2024 Sep 2:S0883-5403(24)00886-6. doi: 10.1016/j.arth.2024.08.042. Epub ahead of print. PMID: 39233100.
57. Harris AB, **Oni JK**. Cementless, Cruciate-Retaining Primary Total Knee Arthroplasty Using Conventional Instrumentation: Technical Pearls and Intraoperative Considerations. *JBJS Essent Surg Tech*. 2024 Sep 13;14(3):e23.00036. doi: 10.2106/JBJS.ST.23.00036. PMID: 39280965; PMCID: PMC11392501.
58. Schmerler J, Harris AB, Hegde V, **Oni JK**, Khanuja HS. Over the Past Decade, Preoperative Anemia Has Become a Greater Predictor of Transfusions After Total Knee Arthroplasty. *J Arthroplasty*. 2024 Nov;39(11):2714-2719. doi: 10.1016/j.arth.2024.04.078. Epub 2024 May 6. PMID: 38710346.
59. Buddhiraju A, Kagabo W, Khanuja HS, **Oni JK**, Nikkel LE, Hegde V. Decreased Risk of Readmission and Complications With Preoperative GLP-1 Analog Use in Patients Undergoing Primary Total Joint Arthroplasty. *J Arthroplasty*. 2024 Dec;39(12):2911-2915.e1. doi: 10.1016/j.arth.2024.05.079. Epub 2024 May 31. PMID: 38823516.
60. Joshi A, **Oni JK**, Schwarzkopf R, Patel NK. The Impact of Traveling Fellowships: Perspectives From

- Rothman-Ranawat Travel Fellows. *J Arthroplasty*. 2024 Dec 6:S0883-5403(24)01283-X. doi: 10.1016/j.arth.2024.12.003. Epub ahead of print. PMID: 39647801.
61. Schmerler J, Bergstein VE, Kagabo W, Khanuja HS, Oni JK, Hegde V. Access to robot-assisted total knee arthroplasty varies significantly by race/ethnicity. *Knee Surg Relat Res*. 2025 Jan 6;37(1):1. doi: 10.1186/s43019-024-00255-0. PMID: 39762989; PMCID: PMC11702079.
 62. Dhanjani SA, Schmerler J, Hussain N, Badin D, Srikumaran U, Hegde V, **Oni JK**. Racial, socioeconomic, and payer status disparities in utilization of unicompartmental knee arthroplasty in the USA. *Knee Surg Relat Res*. 2025 Jan 9;37(1):2. doi: 10.1186/s43019-024-00227-4. PMID: 39789618; PMCID: PMC11720326.
 63. Kagan R, Pelt CE, Khanuja HS, Oni JK, Zaniletti I, De A, Hegde V. Selective Use of Modern Cementless Total Knee Arthroplasty is Not Associated with Increased Risk of Revision in Patients Aged 65 or Greater: An Analysis from the American Joint Replacement Registry. *J Knee Surg*. 2025 Feb;38(3):130-135. doi: 10.1055/a-2332-5762. Epub 2024 May 24. PMID: 38788785.
 64. Harris AB, Agarwal A, Hegde V, **Oni JK**, Khanuja HS. Reply to letter regarding "Routine Prescription of Proton Pump Inhibitors in the Perioperative Period is Associated with Decreased Rates of 2-Year Revision Surgery after Total Hip and Knee Arthroplasty". *J Arthroplasty*. 2025 Mar;40(3):e17-e18. doi: 10.1016/j.arth.2024.10.114. PMID: 39929566.
 65. Fountain WA, Milcik N, Schmedding N, Bandeen-Roche K, Alzahrani MK, Buta B, Dobrosielski M, Langdon J, Sieber F, **Oni JK**, Laskow T, Xue QL, Varadhan R, Walston J. Baseline Plasma GDF15 and Recovery of Physical Function Following Total Knee Replacement in The Study of Physical Resilience and Aging. *J Gerontol A Biol Sci Med Sci*. 2025 May 28;glaf115. doi: 10.1093/gerona/qlaf115. Epub ahead of print. PMID: 40425511.
 66. Ku PC, Liu M, Grupp R, Harris A, **Oni JK**, Mears SC, Martin-Gomez A, Armand M. End-to-end 2D/3D registration from pre-operative MRI to intra-operative fluoroscopy for orthopedic procedures. *Int J Comput Assist Radiol Surg*. 2025 May 30. doi: 10.1007/s11548-025-03426-w. Epub ahead of print. PMID: 40445552.

Review Articles [RA]

1. Schwartzkopf R, **Oni JK**, Marwin S. "Total Hip Arthroplasty Periprosthetic Femoral Fractures: A Review of Classification and Current Treatment." *Bulletin of the Hospital for Joint Diseases* 2013. 71(1): 68-78. PMID: 24032586
2. Saltzman BM, **Oni JK**. "A Review of Bipolar Sealer Use in Modern Total Joint Arthroplasty." *Annals of Orthopedics & Rheumatology* 2014. 2(2): 1015.
3. **Oni JK**, Hochfelder J, Dayan A. "Isolated Patellofemoral Arthroplasty." *NYU Bulletin of the Hospital for Joint Diseases* 2014. 72(1): 97-103. PMID: 25150332
4. Amin RM, Vasani V, **Oni JK**. Kneeling after Total Knee Arthroplasty. *J Knee Surg*. 2020 Feb; 33(2):138-143. PMID: 30913294
5. Jones, LC, Solano Mitchell, Sterling RS, **Oni JK**, Khanuja HS. Moving Forward in Osteonecrosis: What Research is Telling Us. *Instr Course Let*. 2020; 69:111-128. PMID: 32017723
6. Rao SS, Chaudhry YP, Hasan SA, Puvanesarajah V, Amin RM, **Oni JK**, Sterling RS, Khanuja HS. Factors Associated With Perioperative Transfusion in Lower Extremity Revision Arthroplasty Under a Restrictive Blood Management Protocol. *J Am Acad Orthop Surg*. 2021 Apr 15;29(8):e404-e409. doi: 10.5435/JAMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS -D-20-00185. PMID: 32852330
7. Chaudhry YP, MacMahon A, Hasan SA, Mekkawy KL, Valaik D, **Oni JK**, Sterling RS, Khanuja HS. Intraoperative and postoperative iron supplementation in elective total joint arthroplasty: a systematic review. *J Am Acad Orthop Surg*. 2021 Dec 1. 29(23): e1200-e1207. PMID: 33591126
8. MacMahon A, Rao SS, Chaudhry YP, Hasan SA, Epstein JA, Hegde V, Valaik DJ, **Oni JK**, Sterling RS, Khanuja HS. Preoperative Patient Optimization in Total Joint Arthroplasty – The Paradigm Shift from Preoperative Clearance: A Narrative Review. *HSS J*. 2022 Aug;18(3):418-427. PMID: 35846267
9. Zhang B, Rao S, Mekkawy KL, Rahman R, Sarfraz A, Hollifield L, Runge N, **Oni JK**. Risk factors for pain after total hip arthroplasty: a systematic review. *Arthroplasty*. 2023 Apr 3;5(1):19. doi: 10.1186/s42836 -023-00172-9. PMID: 37009894; PMCID: PMC10069042.
10. Wenzel AN, Hasan A, Chaudhry YP, Mekkawy KL, **Oni JK**, Khanuja HS. Ultra-Congruent Designs Compared to Posterior-Stabilized and Cruciate-Retaining Tibial Inserts - What Does the Evidence Tell Us? A Systematic Review and Meta-Analysis. *J Arthroplasty*. 2023 Jun 3:S0883-5403(23)00604-6. doi: 10.1016/j.arth.2023.05.064. Epub ahead of print. PMID: 37276953.
11. Wenzel AN, Hasan SA, Chaudhry YP, Mekkawy KL, **Oni JK**, Khanuja HS. Response to Letter to the Editor From

Case Reports [CR]

1. **Oni JK**, Cavallo RJ. “A Rare Case of Diffuse Pigmented Villonodular Synovitis After Total Knee Arthroplasty” *Journal of Arthroplasty* 2011. 26:6. p978.e9-978.e11. PMID: 21256702.
2. Saltzman BM, Haughom B, **Oni JK**, Levine BR. “Chronic Infection Leading to Failure of a Composite Femoral Stem: A Report of Two Cases.” *HSS Journal*. Jan 2014 Jul; 10(2):180-5.
3. Oduyale O, Bailey A, MacKenzie J, **Oni J**, Karaba S, Auster M, Ponor IL. Two Birds, One Stone-An Odd Case of Oligoarthritis. *Am J Med*. 2020 Jun; 133(6): 679-681. PMID: 31678353
4. Runge N, Hollifield L, Arnold M, **Oni J**. Acute Popliteal Thrombus Following Total Knee Arthroplasty: A Case Report. *Medicine*. 2020 Oct 16; 99(42): e22500. PMID: 33080684

Book Chapters, Monographs [BC]

1. **Oni JK**, Saltzman BM, Thompson S. (2013) “Total Hip Arthroplasty in Patients with Protrusio Acetabulum.” Chapter 12 in “Modern Techniques in Total Hip Arthroplasty.” Editor Ran Schwarzkopf. Jaypee Publishers, 2013
2. **Oni JK**, Plummer D, Della Valle CJ. “Cementless acetabular components.” Chapter 54 in “The Adult Hip.” Editors Aaron Rosenberg, Craig J Della Valle. Lippincott Williams & Wilkins, 2015
3. Amin RM, **Oni JK**. “Total Joint Arthroplasty in Patients with Osteogenesis Imperfecta” Chapter 49 in “*Osteogenesis Imperfecta, 2nd edition*” Editors Jay Shapiro, Kassim Javaid, Sergey Leikin, and Paul Sponseller. Elsevier, 2020; in press.
4. Robert Sterling, **Julius K. Oni**, Harpal S. Khanuja, Steven K. Dailey: Extensor Mechanism Deficiency, in “Incavo SJ, ed: *Surgical Insights: Total Knee Arthroplasty*” [online course]. American Academy of Orthopaedic Surgeons, Rosemont, IL. 2019.
5. **Oni JK**, Bo Zhang, Savyasachi C Thakkar (2023) “The Future of the Modern Total Knee Arthroplasty” Chapter 18 in “Surgical Management of Knee Arthritis.” Editors Savyasachi C. Thakkar (Editor-in-Chief), Ajit J. Deshmukh, Bujar H. Shabani, Wenzel Waldstein, **Julius K. Oni**, 2023
6. **Oni, J.K.**, Waldstein, W. (2023). “Advances in Medial Unicompartmental Knee Arthroplasty”. Chapter 10 in “Surgical Management of Knee Arthritis.” in “Surgical Management of Knee Arthritis.” Editors Savyasachi C. Thakkar (Editor-in-Chief), Ajit J. Deshmukh, Bujar H. Shabani, Wenzel Waldstein, **Julius K. Oni**, 2023
7. **Oni, J.K.**, Waldstein, W. (2023). “Updates on Computer-Assisted Navigation in Unicompartmental Knee Arthroplasty (UKA) and Total Knee Arthroplasty (TKA)”. Chapter 8 in “Surgical Management of Knee Arthritis.” Editors Savyasachi C. Thakkar (Editor-in-Chief), Ajit J. Deshmukh, Bujar H. Shabani, Wenzel Waldstein, **Julius K. Oni**, 2023

FUNDING

EXTRAMURAL FUNDING

Current

2017-2024 Characterizing Resiliencies to Physical Stressors in Older Adults: A Dynamical Physiological Systems Approach
Sponsor: National Institute on Aging
Award ID: UH3AG056933; Grant #: 132893
Total Costs: \$2,351,908
PIs: Jeremy Walston, Karen Bandeen-Roche, Ravi Varadhan
Role: Co-Investigator, 15% effort

2022-2024 Joint Replacement Total
Sponsor: Smith and Nephew
Fellowship Support
Costs: \$18,000
Role: Principal Investigator

Pending Previous

None

2020-2021 Assessing the Efficacy of an Interventional Video-Based Learning Tool To Dispel Orthopaedic Myths Among Female and Under-Represented Minorities in United States Medical Schools.
Sponsor: J. Robert Gladden Society
Total Costs: \$2,000
PIs: Julius Oni, Olohirere Ezomo
Role: Principal Investigator

INTRAMURAL FUNDING

None

CLINICAL ACTIVITIES

Clinical Focus

- Total Hip Replacements
- Total Knee Replacements
- Unicompartamental Knee Replacements
- Revision Joint Replacements of the Hip and Knee
- Global Orthopaedics

Certification

Medical, other state/government licensure

6/2007 New York State Medical License #P68460 (Inactive)
6/2012 Illinois State Medical License # 036.129784 (Inactive)
7/2013 Pennsylvania Medical License #MD449209 (Inactive)
8/2016-present Maryland State Medical License #D0082086 (Active)

Boards, other specialty certification

7/2015 Board Certified, American Board of Orthopaedic Surgery

Clinical (Service) Responsibilities

2016-2024 Attending Physician, 44 weeks/year, Orthopaedic Surgery Adult Reconstruction
2024-present Leave of Absence (Ortho Nigeria International)

Clinical Productivity

Operative Cases 2022: 408
Outpatient Visits 2022: 1203
wRVU 2022: 10382

Clinical Draw from outside local/regional area

Out-Of State Operative Cases 2022: 30%

Membership in or examiner for specialty board: None

Clinical Program Building / Leadership

2022-2024 Fellowship Director; Johns Hopkins University Orthopaedic Surgery Adult Reconstructive Fellowship Program
2018-2022 Director, Johns Hopkins Bayview Musculoskeletal Clinic

Clinical Demonstration Activities to external audience, on or off campus:

2023 Clinical Rotation, Johns Hopkins Aramco Hospital

Development of nationally/internationally recognized clinical standard of care: None

EDUCATIONAL ACTIVITIES

Educational Focus

- Consistent faculty member for American Academy of Orthopaedic Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents Course
- American Academy of Orthopaedic Surgeons Knee Program Committee

- Founding Mentor/Preceptor, Nth Dimensions Program
- Founder/Director, Global Orthopaedics at Johns Hopkins
- Organizer/Moderator, J. Robert Gladden Orthopaedic Society ABOS Part II Preparation and Review Course
- Faculty, J. Robert Gladden Orthopaedic Society OITE Review Course

Teaching

Classroom instruction

JHMI/Regional

2016-current	Instructor; Johns Hopkins University Orthopaedic Surgery Residency Residency Education Didactic Program, Adult Reconstruction
2016-current	Instructor; Johns Hopkins University Orthopaedic Surgery Residency Johns Hopkins Bayview Adult Reconstruction Didactic Program
2020-2021	Faculty Co-lead, Johns Hopkins School of Medicine Equitable Healthcare: A Virtual Clinical Elective in Orthopaedic Surgery; ME:800.699; national/global elective for visiting medical students
2022-2024	Fellowship Director; Johns Hopkins University Orthopaedic Surgery Adult Reconstructive Fellowship Program

National

2019-2023	Faculty, American Academy Of Orthopaedic Surgeons Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents Course. Chicago, IL
Sept 2021	Organizer/Moderator, JRGOS ABOS Part II Oral Board Preparation and Review Course (Virtual due to COVID).
March 2022	Organizer/Moderator, JRGOS Mentoring program at the American Academy Of Orthopaedic Surgeons. Annual meeting, Chicago, IL
2022-2024	Faculty, JRGOS OITE Review Course (Virtual)

International

None

Clinical instruction

JHMI/Regional

2016-current	Adult Reconstruction Service – Department of Orthopaedic Surgery Residency Program Clinical Preceptor, Orthopedic Residents, Johns Hopkins School of Medicine
2016-2022	Liaison – Adult Reconstruction Student Clerkship; Clinical Preceptor, Medical Students, Johns Hopkins School of Medicine

National

2016-2022	Liaison – Adult Reconstruction Medical Student Clerkship; Clinical Preceptor, Visiting Medical Students, Various US medical schools
-----------	---

International

2016-2022	Liaison – Adult Reconstruction Medical Student Clerkship; Clinical Preceptor, Visiting Medical Students, Various international medical schools
-----------	--

CME instruction

05/02/14	Lecturer, Goals for a Total Hip Arthroplasty: International Congress for Joint Replacement (ICJR), Orthopaedic Resident Training Initiative, Philadelphia, PA.
04/30/15	Lecturer, Goals for a Total Hip Arthroplasty: International Congress for Joint Replacement (ICJR), Orthopaedic Resident Training Initiative, Philadelphia, PA.
10/17/15	Lecturer, Preparing for the Orthopaedic Surgical Practice of Tomorrow: “Entering Practice”, Pennsylvania Orthopaedic Society, Fall 2015 Resident Program, Philadelphia, PA.
02/11/17	Lecturer, “Evaluation and Treatment of Adverse Reaction to Metal Debris in Total Hip Replacement.” Maryland Orthopaedic Association Annual Meeting. Annapolis MD.
05/13/18	Lecturer, “Posterior Approach to the Hip” Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents course. Baltimore MD.
02/10/18	Lecturer “Periprosthetic Femur Fractures” Maryland Orthopaedic Association Annual Meeting, Annapolis MD
05/04/21	Lecturer, “DVT Prophylaxis for THA/TKA: An update” Maryland Orthopaedic Association Annual Meeting, Annapolis MD (Virtual Presentation due to COVID)
03/22/22	Lecturer “Diversity Committees: Form and Function” American Academy of Orthopaedic Surgeons

Mentoring

Pre-doctoral Advisees /Mentees

2016-present	Vikram Vasan, Bachelor of Arts in Public Health Studies, Current medical student, co-authored RA5
2018-present	Lauren Hollified, Current Resident, 2 publications
2018-present	Nick Runge, Current Orthopaedic Resident, 3 publications
2018-present	Tyra Kimbler, Current Medical Student
2019-present	Jonathan Harrell, Current Medical Student
2020-2021	Yash Chaudhry, Current Orthopaedic Resident, 5 publications
2019-present	Mohamed Elbuzidi, Current Orthopaedic Research Fellow
2020-present	Ezomo, Olohirere, Current Medical Student, Zimmer Biomet Grant, 4 ongoing projects
2020-present	Lahin Amlani, Current Medical Student, Co-founded the GO-JH Initiative, 3 ongoing projects
2021-present	Jonathan Williard, Current Medical Student, one ongoing project
2021-present	Megan Badejo, Orthopaedic Resident
2021-present	Jean Fleuriscar, Orthopaedic Resident
2021-present	Olumide Olotu, Orthopaedic Resident
2022-present	Andy Harris, Orthopaedic Resident

Post-doctoral Advisees /Mentees

2013-present	Abiola Atanda, MD Attending Spine Surgeon
2014-present	Frantz Lerebours, MD Attending Sports Surgeon
2016-2020	Louis Okafor, MD, Attending Joint Replacement Surgeon
2016-2021	Raj Amin, MD Attending Joint Replacement Surgeon
2016-2021	Sandesh Rao, MD Attending Joint Replacement Surgeon
2017-2022	Greg Mawn, MD Attending Joint Replacement Surgeon
2017-present	Kawsu Barry, MD Attending Joint Replacement Surgeon
2020-present	Surajudeen Bolarinwa, MD Attending Joint Replacement Surgeon
2020-present	Dapo Ajayi, MD, Attending Orthopaedic Surgeon

Thesis committees

5/16/2019	Farshid Alambeigi External Examiner, Mechanical Engineering PhD Thesis dissertation defense committee, "Dexterity and Autonomy in Minimally Invasive Surgical Robotics Interventions"
10/27/2020	Amirhossein Farvardin External Examiner, Mechanical Engineering PhD Thesis dissertation defense committee. "A Multi-Physics Planning Paradigm For Robot Assisted Orthopaedic Surgery"
5/1/2022	Mahsan Bakhtiari Nejad, External Examiner, Mechanical Engineering PhD Thesis dissertation defense committee, "Robot-Assisted Surgical Intervention for Treatment of Bone Defects"

Educational Program Building / Leadership

2018-2023	Faculty, American Academy of Orthopaedic Surgeons Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents Course; I helped to create an annual educational experience for orthopaedic residents interested in Hip and Knee Arthroplasty
2023	Faculty, American Association of Hip and Knee Surgeons Residents Course; I educated the residents in the audience about the experiences of an academic joint replacement surgeon.

RESEARCH ACTIVITIES

Research Focus

I am an Orthopaedic Surgeon with a clinical focus in the treatment of degenerative diseases of the hip and knee. My research predominantly focuses on clinical outcomes in the management of hip and knee replacements/revisions. In addition, I have active research on global orthopaedics, diversity in orthopaedic surgery, as well as the use of technology in arthroplasty.

Research Demonstration Activities	None
Inventions, Patents, Copyrights	None
Technology Transfer Activities	None

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

System Innovation Focus

I focus on improving efficiency and quality of care as patients navigate through the joint replacement pathway from the initial pre-operative visit through the peri-operative period and continuing to the last postoperative visit. I was involved in generating multiple collaborative programs to structure and improve the experience of those patients both within and outside the USA.

System Innovation and Quality Improvement efforts within JHMI

2019-2021 Member, Musculoskeletal DJD Clinical Design Team. I collaborated with a multidisciplinary team to design care pathways for patients presenting with knee and hip pain complaints. These care pathways aimed to optimize the efficiency and cost associated with expediting the accurate diagnoses and treatment of these patients.

2021-2022 Member, JHUSOM Dean's Leadership Roundtable. I collaborated with a group of faculty members selected by the Dean to discuss key emerging challenges and opportunities facing JHM with focus on innovation in medicine, value-based health care, clinical expansion and department integration.

2020-2025 Director and Co-Founder, Global Orthopaedics at Johns Hopkins. I co-founded and became the inaugural Director of Global Orthopaedics at Johns Hopkins. This is an initiative to improve orthopaedic care across the world with the specific goals of promoting safe, timely, accessible and affordable orthopaedic surgical care to achieve global health equality. We have done this by building partnerships in research, education and patient care within Johns Hopkins, nationally and internationally.

System Innovation and Quality Improvement efforts outside of JHMI

2022-2024 Led the Orthopaedic/Joint Replacement Johns Hopkins Aramco Hospital (JHAH) Knowledge Transfer Agreement (KTA) in collaboration with Johns Hopkins International. Specifically, I led a team to help JHAH improve efficiency of care delivery for patients requiring joint replacement; increase patient throughput and reduce number of

patients receiving care outside of JHAH and other care-related costs. This effort was foundational in their effort to create a Centre of Excellence.

2023-present: Started clinical rotations at JHAH. With this engagement, I provide direct clinical care to JHAH patients, particularly patients with complex hip and knee issues.

System Innovation and Quality Improvement Program Building/Leadership

None

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2013-2016	Member, OR Committee, Einstein Medical Center, Philadelphia, PA
2014-2016	Member, Surgical Site Infection Prevention Committee Einstein, Philadelphia, PA
2018-2022	Director, Johns Hopkins Bayview Musculoskeletal Clinic, Baltimore, MD
2018-2023	Liaison, Medical Student Clerkship
2019-2024	Chair, Orthopaedic Surgery Diversity Council
2019-2024	Diversity and Inclusion Officer, Orthopaedic Surgery
2020-2025	Director and Co-Founder, Global Orthopaedics at Johns Hopkins

Editorial Activities

Editorial Board appointments

2020-present	Editorial Board Member, Journal of Orthopaedic Experience & Innovation
--------------	--

Journal peer review activities

2013-2019	Consultant Reviewer, Journal of Orthopedic and Sports Physical Therapy
2014-Present	Consultant Reviewer, Journal of Arthroplasty
2017-Present	Consultant Reviewer, Journal of Hip Surgery
2019-Present	Consultant Reviewer for Journal of American Geriatrics Society
2019-Present	Consultant Reviewer, Arthroplasty Today
2020- present	Consultant Reviewer, Journal of Orthopaedic Experience & Innovation
2020- present	Consultant Reviewer, World Journal of Orthopaedics
2021- present	Consultant Reviewer, Journal Bone and Joint Surgery

Professional Societies

2006	Alpha Omega Alpha Medical Honors Society
2013-Present	National Medical Association, Member
2016-Present	Maryland Orthopaedic Association, Member
2016-Present	American Academy of Orthopaedic Surgeons (AAOS), Fellow
2019-2021	AAOS Member, Adult Reconstruction Knee Program Committee
2016-Present	American Association of Hip and Knee Surgeons (AAHKS), Fellow
2020-2022	AAHKS, Member, Humanitarian Committee
2022-2024	AAHKS, Vice Chair, Humanitarian Committee
2020-present	J. Robert Gladden Orthopaedic Society (JRGOS) Board Member
2020-2022	Chair, Mentoring Committee
2023	American Orthopaedic Association (AOA), Fellow
2022-2024	AAHKS, Chair, Humanitarian Committee

Conference Organizer

2016- 2019	Moderator and Session Chair, Joint Replacement Session, National Medical Association Annual Conference
2021	Mock Oral Boards (Organized a full day of Mock Oral Boards to prepare young members of the JRGOS, RJOS and AALOS for the ABOS Part II exam)
2022	Session Chair/Organizer, JRGOS Mentoring Program (Organized 3+ hours of programming for >100 underrepresented minority medical students at the Annual American Academy of Orthopaedic Surgeons meeting)

Consultants

2017	KCI/ Advisory Panel; I was invited as part of an expert panel to evaluate and provide feedback for a new product.
2018-present	Zimmer Biomet; I have consulted on multiple occasions for this medical device company in the capacity of new product evaluation and teaching courses.
2021	Johnson and Johnson Depuy Synthes; This was an invitation to discuss workforce diversity with the Depuy leadership (virtual)

RECOGNITION

2000-2003	State University of New York at Plattsburgh (SUNY Plattsburgh) – Student Ambassador
2000-2003	SUNY Plattsburgh – Presidential Scholarship
2001	SUNY Plattsburgh – Omicron Delta Kappa Outstanding Sophomore Leader of the Year
2002	SUNY Plattsburgh – Hudson Scholarship for Excellence in Arts and Science
2002	SUNY Plattsburgh – Student Association Memorial Scholarship
2003	SUNY Plattsburgh – Phillip Walker Undergraduate Research Award in Biology
2003	SUNY Plattsburgh – Chancellor's Award for Student Excellence
2003	SUNY Plattsburgh – Omicron Delta Kappa Foundation Graduate Scholarship
2004	Howard University College of Medicine (HUCM) – Edward Mason Scholarship
2004	HUCM– Scholastic Excellence Award for Highest Average in Introduction to Clinical Medicine
2004-2007	HUCM – Tuition Scholarship
2005	HUCM – Scholastic Excellence Award for Highest Average in Epidemiology and Biostatistics
2006	HUCM – Dr. William E. Matory Sr. Award of Excellence in Trauma and Critical Care Surgery
2007	HUCM – Raymond P. Jackson Award for Exemplary Contributions to the Student Tutorial program
2007	HUCM – AOA: Alpha Omega Alpha National Medical Honors Society
2008	SUNY Plattsburgh – Off to a Good Start Alumni Award
2019	Top Doctor, Orthopedic Surgery: Joint, Baltimore Magazine
2020	Top Doctor, Orthopedic Surgery: Joint, Baltimore Magazine
2021	Top Doctor, Orthopedic Surgery: Joint, Baltimore Magazine
2022	Top Doctor, Orthopedic Surgery: Joint, Baltimore Magazine
2023	Hip Society Rothman-Ranawat Traveling Fellow

Invited Talks

JHMI/Regional

01/25/19	Panelist for “Careers in Medicine: Profiles of Academic Clinicians” at the 16th Annual Myron L. Weisfeldt Distinguished Visiting Professorship in Diversity Academic Medicine Careers Forum. Johns Hopkins Hospital Baltimore MD
10/31/20	Panelist for the Johns Hopkins Underrepresented in Medical Professions (JUMP) Program. Baltimore MD (Virtual event due to COVID)
07/20/22	Speaker for the Johns Hopkins Initiatives for Careers in Science and Medicine. "A Day in the Life of a Specialist" Lunch & Learn Series. Baltimore MD
08/25/22	"Personal Finance for Orthopaedic Surgeons" Orthopaedic Surgery Residency Lecture Series. Baltimore MD
05/05/22	"Periprosthetic Fractures in Total Joint Arthroplasty" Orthopaedic Surgery Residency Lecture Series. Baltimore MD
04/20/23	"Periprosthetic Fractures in Total Joint Arthroplasty" Orthopaedic Surgery Residency Lecture Series. Baltimore MD
04/20/23	"Personal Finance for Orthopaedic Surgeons" Orthopaedic Surgery Residency Lecture Series. Baltimore MD
09/09/23	Panelist on Physician Entrepreneurship. Physicians leading Physicians to Financial Independence. Baltimore City Medical Society. Baltimore MD

National

- 08/01/16 “Total Knee Replacement in Patients with Severe Valgus Deformities.” National Medical Association Annual Meeting, Los Angeles, CA.
- 11/09/18 “THA Periprosthetic Femur Fractures.” Sir Robert Jones Lecture and Alumni Scientific Meeting. NYU Langone Orthopaedic Hospital. New York, NY
- 03/15/19 “Revision THA.” National Association of Orthopaedic Nurses Annual Meeting at the American Academy of Orthopaedic Surgeons . Las Vegas, NV
- 07/09/21 Moderator, “Total Knee Replacement,” Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents course. Chicago IL
- 09/01/21 Panelist “Promoting Inclusion” Racial Disparities in Orthopedic Surgery: Patients, Residents and Faculty Symposium. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA.
- 12/20/21 “My Experience with Global Orthopaedics so far.” Student National Medical Association Orthopedic Surgery Interest Group International & Global Orthopedics event (Virtual presentation)
- 02/09/22 “Research and a Career in Global Surgery.” Duke Global Surgery Student Association Event (Virtual event)
- 08/31/22 Panelist. Student National Medical Association Orthopaedic Surgery Interest Group Joint Orthopedics and Neurosurgery Webinar: Sowing Seeds Series. (Virtual event).
- 11/11/22 Panelist, Adult Reconstructive Surgery Panel Discussion. Sir Robert Jones Lecture and Alumni Scientific Meeting. NYU Orthopaedic Hospital. New York NY
- 04/30/23 “Anterior Reference vs Posterior Reference in TKA” American Academy of Orthopaedic Surgeons Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents Course. Chicago IL
- 11/04/23 “Cementless Femoral Component” Cementless TKA Symposium. American Association of Hip and Knee Surgeons Annual Meeting. Dallas TX
- 11/04/23 Moderator, Session V: Complications other than Infections. American Association of Hip and Knee Surgeons Annual Meeting. Dallas TX
- 11/11/23 Panelist. “The African Healthcare Landscape: Bridging Innovations and Legacy on the Continent and the Diaspora.” 30th Annual Wharton Africa Business Forum. Philadelphia PA
- 11/21/23 “The State of Arthroplasty in a LMIC: Nigeria.” Rothman-Ranawat Traveling Fellowship. Joint Implant Surgeons/Mount Carmel Hospital. Columbus OH
- 11/23/23 “The State of Arthroplasty in a LMIC: Nigeria.” Rothman-Ranawat Traveling Fellowship. London Health University Hospital. London Ontario
- 11/25/23 “Risk Factors for Postoperative Pain after THA: A systematic review.” Rothman-Ranawat Traveling Fellowship. Canadian Arthroplasty Society Annual Meeting. Toronto Ontario.
- 11/27/23 “The State of Arthroplasty in a LMIC: Nigeria.” Rothman-Ranawat Traveling Fellowship. Mayo Clinic Rochester MN
- 11/30/23 “The State of Arthroplasty in a LMIC: Nigeria.” Rothman-Ranawat Traveling Fellowship. Hospital for Special Surgery. New York NY
- 12/05/23 “The State of Arthroplasty in a LMIC: Nigeria.” Rothman-Ranawat Traveling Fellowship. Duke University Hospital. Durham NC
- 12/08/23 “The State of Arthroplasty in a LMIC: Nigeria.” Rothman-Ranawat Traveling Fellowship. Anderson Orthopaedic Clinic. Alexandria VA

International

- 07/05/18 “Periprosthetic fractures in Total Hip and Total Knee Arthroplasties.” Clemenceau Medical Center Orthopaedic Lecture Series. Lebanon (Video Lecture)
- 09/26/19 “Performing a Revision Total Hip: What you need to know” Clemenceau Medical Center Orthopaedic Lecture Series. Lebanon (Video Lecture)
- 11/10/19 “Preoperative Optimization for Patients undergoing THA/TKA.” Johns Hopkins Aramco Healthcare Multidisciplinary Musculoskeletal Conference. Dammam, Saudi Arabia
- 11/10/19 “Optimal Bearing Surface for Total Hip Arthroplasty.” Johns Hopkins Aramco Healthcare Multidisciplinary Musculoskeletal Conference. Dammam, Saudi Arabia
- 11/10/19 “Cemented versus Cementless Total Knee Implants.” Johns Hopkins Aramco Healthcare Multidisciplinary Musculoskeletal Conference. Dammam, Saudi Arabia
- 11/10/19 “Integrated Postoperative Care for Patients after TKA/THA.” Johns Hopkins Aramco Healthcare Multidisciplinary Musculoskeletal Conference. Dammam, Saudi Arabia
- 05/20 “Revision Arthroplasty in PJI: Single versus 2-Stage Exchange.” Nigerian Orthopaedic Association (Virtual presentation due to COVID)

06/16/20	Keynote speaker for the Arthroplasty Society of Nigeria's Primary Knee and Hip Arthroplasty Course (Course cancelled due to COVID)
10/08/21	"Hot topics in Revision THA." Kenyan Orthopaedic Association Annual Conference (Virtual presentation due to COVID)
10/17/22	Panelist "Robotic Total Knee Arthroplasty.: Current Challenges and Future Perspectives" Operation Stand Walk Run Current Concepts Lecture Series. (Virtual)
11/19/22	Panelist "Degenerative Meniscus Injuries of the Knee" Operation Stand Walk Run Current Concepts Lecture Series. (Virtual)
02/11/23	Panelist "Early Discharge Joint Replacement" Operation Stand Walk Run Current Concepts Lecture Series. (Virtual)
06/24/23	Total Hip Arthroplasty Periprosthetic Fractures. Arthroplasty in Africa Conference. Collaboration between Harvard Global Orthopaedics Collaborative and Global Orthopaedics at Johns Hopkins (Virtual, audience was surgeons from all over Africa and they were encouraged to actively participate throughout the conference)
07/22/23	"Cementless versus Cemented TKA" Arthroplasty Society in Asia (ASIA) Annual Meeting. China. (Virtual)

OTHER PROFESSIONAL ACCOMPLISHMENTS

Philanthropy

2019- present: Co-founder/Co-Director, Operation Stand Walk Run, a 501c3 Non-profit organization that aims to provide orthopaedic surgical care to indigent patients and education to the healthcare providers that take care of them. We most recently completed a trip to Nigeria where one other surgeon and myself performed surgeries including primary hips and knees and revision hips and knees, while educating our local colleagues who traveled from far and wide to learn . We also offer frequent virtual lectures presented by US surgeons on topics relevant to the lower to middle income country (LMIC) surgeons.

Diversity Equity and Inclusion (DEI) Advancement

2020-present: Orthopaedic Diversity Leadership Consortium (ODLC) Founding Advisory Board Member (ODLC was created to optimize the effectiveness and sustainability of diversity efforts in academic departments and healthcare organizations through the professional development and advancement of orthopaedic surgery DEI leaders.) We now have >100 members representing several institutions and recently published a paper in the Journal of Bone and Joint Surgery outlining some of our findings and the path forward.

Poster Presentations

- Graves DC, **Oni JK** . "Addressing Severe Valgus Knee Deformities with Primary Cruciate-Retaining Total Knee Arthroplasty." National Medical Association Conference, Detroit MI. Poster presentation. 2015
- Albany JM, Borton D, Yerkes A, **Oni JK** , Reynolds C, Jagiela S, Zuckerman J "Multidisciplinary Collaboration and Use of Evidence-based Bundle Reduce Surgical Site Infections Associated with Hip and Knee Arthroplasty." APIC Conference. Charlotte NC. Poster presentation. June 2016
- Hilliard C, **Oni JK** . " Are Barbed Sutures Appropriate for Skin Closure during Total Knee Arthroplasty?" *Poster presentation*. National Medical Association Conference, Philadelphia PA. Poster Presentation. August 2017
- Hollifield L, SarfrazA, **Oni J**. Predictors of Post-Operative Pain After TotalHip Arthroplasty: A Systematic Review. National Medical Association Conference, Orlando FL. Poster presentation. August 2018
- Runge N, Hollifield L, **Oni J**. Acute Popliteal Thrombus Following Total Knee Arthroplasty: A Case Report. Alabama College of Osteopathic Medicine Research Day. Dothan, AL. Poster presentation. September 2018
- Runge N, Hollifield L, **Oni J**. Acute Popliteal Thrombus Following Total Knee Arthroplasty: A Case Report. University of California Los Angeles (UCLA) Regional Student National Medical Association Conference. Los Angeles, CA. Poster presentation. November 2018.
- Hollifield L, SarfrazA, **Oni J**. Predictors of Post-Operative Pain After TotalHip Arthroplasty: A Systematic Review. Movement is Life Conference. Washington, DC. Poster presentation. November 2018.
- Amin RM, Best MJ, Rao SS, Hasenboehler EA, **Oni JK**, Sterling RS, Khanuja HK. A transfusion threshold of 7g/dl in Patients with Femoral Neck Fractures Treated with Arthroplasty is Associated with Decreased Cardiac Morbidity and Blood Product Utilization. American Association of Hip and Knee Surgeons Conference. Dallas TX. Poster presentation. November 2018.
- Jerry Yan, Akash Chaurasia, Katie McCarren, Robert Li, Claire State, Hannah Takasuka, Evan Bender, Aditi Jithendra, Matthew Hill, **Julius Oni**, Amir Manbachi. A Novel Method for Assessing Leg

Length Intraoperatively Using an Infrared Motion Controller. Biomedical Engineering Society Annual Meeting. Philadelphia PA. Poster Presentation. October 2019.

10. Yash Chaudry, Syed Hasan, **Julius Oni**, Robert Sterling, Harpal Khanuja, Lynne Jones. Racial/Ethnic Differences in Comorbidity Burdens in Total Joint Arthroplasty. Movement is Life Conference. Washington DC. Poster presentation. November 2019.

11. Yash Chaudry, Syed Hasan, **Julius Oni**, Robert Sterling, Harpal Khanuja, Lynne Jones. Racial/Ethnic Differences in Comorbidity Burdens in Total Joint Arthroplasty. Movement is Life Conference. Washington DC. Poster presentation. November 2019.

12. Yash Chaudry, Syed Hasan, Sandesh Rao, Varun Puvanesarajah, Raj Amin, **Julius Oni**, Robert Sterling, Harpal Khanuja. Perioperative Predictors of the Requirement for Allogeneic Blood Transfusion in Revision Total Joint Arthroplasty. 5th Annual Johns Hopkins Aramco Healthcare Multidisciplinary Conference. Dhahran Saudi Arabia. Poster presentation. November 2019.

13. Yi PH, Wei J, Kim TK, Sair HI, Hui FK, Hager GD, Fritz J, **Oni JK**. Automated Detection & Classification of Knee Arthroplasty Using Deep Learning. American Association of Hip and Knee Surgeons, Dallas TX. Poster presentation. November 2019.

14. Chaudhry, Yash P.; Hasan, Syed A.; Rao, Sandesh S.; **Oni, Julius K.**; Khanuja, Harpal S. Not All Patients Need Routine Basic Metabolic Panels Following Primary Joint Replacement. 14th Annual Bayview Research Symposium. Baltimore MD. Poster Presentation. December 2019.

15. Chaudhry, Yash P.; Hasan, Syed A.; **Oni, Julius K.**; Sterling, Robert S.; Khanuja, Harpal S. Jones, Lynne C. Variations in Comorbidity Burden across Race/Ethnicity in Total Knee and Hip Replacement. 14th Annual Bayview Research Symposium. Baltimore MD. Poster Presentation. December 2019.

16. Chaudhry, Yash P.; Hasan, Syed A.; Rao, Sandesh S.; Puvanesarajah, Varun; Amin, Raj M.; **Oni, Julius K.**; Sterling, Robert S.; Khanuja, Harpal S. Identifying Perioperative Predictors of Red Blood Cell Transfusions in Lower Extremity Revision Arthroplasty. 14th Annual Bayview Research Symposium. Baltimore MD. Poster Presentation. December 2019.

17. Chaudhry, Yash P.; Hasan, Syed A.; Solano, Mitchell; **Oni, Julius K.**; Sterling, Robert S.; Khanuja, Harpal S. How Long Does It Take a Surgeon to Perform Total Hip Arthroplasty? 14th Annual Bayview Research Symposium. Baltimore MD. Poster Presentation. December 2019.

18. Chaudhry, Yash P.; Hasan, Syed A.; Rao, Sandesh S.; **Oni, Julius K.**, Sterling, Robert S.; Khanuja, Harpal S. Tranexamic Acid Does Not Reduce Allogeneic Blood Transfusion Rates in Septic Joint Arthroplasty. 14th Annual Bayview Research Symposium. Baltimore MD. Poster Presentation. December 2019.

19. Yi PH, Wei J, Kim TK, Sair HI, Hui FK, Hager GD, Fritz J, **Oni JK**. Automated Detection & Classification of Knee Arthroplasty Using Deep Learning. Johns Hopkins Research Symposium on Engineering in Healthcare. Baltimore, MD. Poster presentation. December 2019.

20. Jerry Yan, Akash Chaurasia, Katie McCarren, Robert Li, Claire State, Hannah Takasuka, Evan Bender, Aditi Jithendra, Matthew Hill, Amir Manbachi, **Julius Oni**. Infrared image-guidance for intraoperative assessment of limb length discrepancy during total hip arthroplasty orthopedic procedures. SPIE Medical Imaging Conference for Image Guided Procedures, Robotic Interventions, and Modeling. Houston TX. Poster Presentation. February 2020.

21. Harpal Khanuja, Yash Chaudry, Varun Puvanesarajah, Sandesh Rao, Raj Amin, **Julius Oni**, Robert Sterling, Syed Hasan. Intraoperative Predictors of Allogeneic Blood Transfusion in Revision Joint Arthroplasty. American Orthopedic Association (AOA) Annual Leadership Meeting. Baltimore, MD. Poster presentation. June 2020.

22. Harpal Khanuja, Syed Hasan, Yash Chaudry, Daniel Valaik, Sandesh Rao, Robert Sterling, **Julius Oni**. Geographic, patient, and surgeon variables and Medicare reimbursement in total joint arthroplasty. American Orthopedic Association (AOA) Annual Leadership Meeting. Baltimore, MD. Poster presentation. June 2020.

23. Harpal Khanuja, Syed Hasan, Yash Chaudry, Mitchel Solano, Sandesh Rao, **Julius Oni**, Robert Sterling. The Value of Routine Preoperative Nutrition Screening in Primary Elective Total Joint Arthroplasty. American Orthopedic Association (AOA) Annual Leadership Meeting. Baltimore, MD. Poster presentation. June 2020.

24. Mekkawy KL, Chaudhry YP, Mawn JG, MacMahon AS, **Oni JK**, Sterling RS, Sotsky RB, Khanuja HS. Preoperative International Normalized Ratio Thresholds in Hip Fracture: An Analysis of the National Surgical Quality Improvement Program. PCOM Research Week. May 2021

25. Chaudhry YP, Mekkawy KL, Hasan SA, Rao SS, **Oni JK**, Sterling RS, Khanuja HS. Transfusion Rates in the Operative Treatment of Prosthetic Hip and Knee Infection. PCOM Research Week. May 2021

26. Y Chaudhry, S Rao, S Hasan, K Mekkawy, **J Oni**, H Khanuja, R Sterling. Basic Metabolic Panels are Not Cost Effective in the Postoperative Setting after Primary Total Joint Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA. Sept 2021

27. S Rao, Y Chaudhry, M Solano, K Mekkawy, R Sterling, **J Oni**, H Khanuja. Nutritional Screening is Low Yield and

Inconsistent for all Patients Undergoing Primary Total Joint Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA. Sept 2021

28. Emmanuel L. McNeely, **Julius K. Oni**, Dawn M. LaPorte, James R. Ficke, Khaled M. Kebaish. Diversity Trends in Promotion to Full Professorship at a Major Academic Institution. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA. Sept 2021

29. MacMahon A, Hasan SA, Patel M, **Oni JK**, Khanuja HS, Sterling RS. Does Patient-Level Payment Increase After Removal of TKA from the Inpatient-Only List? MOA Annual Meeting, Annapolis, MD. March 2022

30. Harris AB, Hegde V, **Oni J**, Sterling R, Khanuja H. Preoperative Anemia is an Independent Risk Factor for Increased Complications and Mortality After Total Hip Arthroplasty, Regardless of Postoperative Blood Transfusion. Podium Presentation. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, Nevada. March 7-11, 2023.

31. Harris AB, Hegde V, **Oni J**, Sterling R, Khanuja H. Preoperative Anemia is an Independent Risk Factor for Increased Complications and Mortality After Total Knee Arthroplasty Regardless of Postoperative Transfusions. Poster Presentation. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, Nevada. March 7-11, 2023.

32. Harris AB, Schmerler J, Raad M, Hegde V, **Oni JK**, Srikumaran U, Khanuja HS. Predicting Blood Transfusion in Primary TKA: An Externally Validated Model for Clinical Use. American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting. Grapevine, Texas. November 2-5, 2023.

33. Vankara A, Harris A, Oni J, LaPorte D, Aiyer A. Parental Occupation and Orthopaedic Surgery Residency Applicants: Implications on Educational Debt, Scholarships, Medical School Ranking, and Resulting Match Rates. Poster presented at: Translational Science 2024; Las Vegas, NV; April 4, 2024.

Podium Presentations

1. **Oni JK**. Characterization of the behavior of *Paramecium* populations in the Lake Champlain Basin. Sigma Xi Symposium, Plattsburgh State University, Plattsburgh, NY. Podium presentation. 2001

2. **Oni JK**. Characterization of the behavior of *Paramecium* populations in the Lake Champlain Basin. Lake Champlain Research Consortium Symposium, Saint Michael's College, Colchester, Vermont. Podium presentation. 2001

3. **Oni JK**. Characterization of the 14kDa subunit of the Replication protein A (RPA). University of Iowa, Iowa City IA. Podium presentation. 2002

4. **Oni JK**. Prolactin and Breast Cancer. Plattsburgh State University. Plattsburgh NY. Podium presentation. 2002

5. **Oni JK**. Degradation Rates of Prolactin Receptor Isoforms as Homo- or Hetero- dimers. National Institutes of Health. Bethesda MD. Podium presentation. 2002

6. **Oni JK**. Degradation Rates of Prolactin Receptor Isoforms as Homo- or Hetero- dimers. Sigma Xi Symposium, Plattsburgh State University. Plattsburgh NY. Podium presentation. 2003

7. **Oni JK**; Papprosky WG. Treatment of Instability after Total Knee Arthroplasty. Current Concepts in Joint Replacement Annual Conference. Orlando, FL. Podium presentation. 2012

8. **Oni JK**. "Total Knee Replacement in Patients with Severe Valgus Deformities." National Medical Association Conference, Los Angeles CA. Podium Presentation. August 2016

9. **Oni JK**. "Evaluation and Treatment of Adverse Reaction to Metal Debris in Total Hip Replacement." Maryland Orthopaedic Association Annual Meeting. Annapolis MD. Podium Presentation. February 2017

10. **Oni JK**. "Evaluation and Treatment of Metal on Metal Total Hip Replacements." National Medical Association Conference, Philadelphia PA. Podium Presentation. August 2017

11. **Oni JK**. "Total Hip Periprosthetic Fractures" Maryland Orthopaedic Association Annual Meeting" Annapolis, MD. Podium Presentation. February 2018

12. Hollifield L, Sarfraz A, **Oni J**. Predictors of Post-Operative Pain After Total Hip Arthroplasty: A Systematic Review. Nevada American College of Surgeons Statewide Meeting. Las Vegas, NV. Podium presentation. September 2018.

13. Yi PH, Wei J, Kim TK, Sair HI, Hui FK, Hager GD, Fritz J, **Oni JK**. Automated Detection & Classification of Knee Arthroplasty Using Deep Learning. 32nd Annual Congress of International Society of Technology in Arthroplasty. Toronto CA. Podium presentation. November 2019.

14. Jerry Yan, Akash Chaurasia, Katie McCarren, Robert Li, Claire State, Hannah Takasuka, Evan Bender, Aditi Jithendra, Matthew Hill, Amir Manbachi, **Julius Oni**. Infrared image-guidance for intraoperative assessment of limb length discrepancy during total hip arthroplasty orthopedic procedures. SPIE Journal of Medical Imaging. Paper # 11315-12. Houston TX. Podium Presentation. February 2020.

15. Jerry Yan, Akash Chaurasia, Katie McCarren, Robert Li, Claire State, Hannah Takasuka, Evan Bender, Aditi Jithendra, Matthew Hill, Amir Manbachi, **Julius Oni**. Infrared image-guidance for intraoperative assessment of limb length discrepancy during total hip arthroplasty orthopedic procedures. SPIE Medical Imaging Conference for Image-Guided Procedures, Robotic Interventions, and Modeling. Houston TX. Video Presentation. May 2020.

16. **Oni JK**. "Total Hip Periprosthetic Fractures" Maryland Orthopaedic Association Annual Meeting"

Annapolis, MD. Podium Presentation. February 2021

17. **Oni JK.** Racial disparities in fast-track and outpatient total hip and knee arthroplasty: 13-year trend in utilization rates and perioperative morbidity using a national database. Sir Robert Jones Lecture and Alumni Scientific Meeting, NYU Orthopaedic Hospital. New York NY. Podium Presentation November 2022

18. **White PB, Chen MM, Bitterman AD, Oni JK, Zacchilli MA, Poon SC, Cohn RM.** Residency match rates in orthopedic surgery based on gender, under-represented in medicine and degree type. Sir Robert Jones Meeting of the Alumni Association of NYU Langone Orthopedic Hospital. New York, NY. Podium presentation. November 2022.

19. **Oni JK.** “Periprosthetic Hip Fractures.” Arthroplasty in Africa conference. Podium Presentation. July 2023 (Virtual)

20. **Oni JK.** “Cementless versus Cemented TKA.” National Medical Association Annual Meeting. New Orleans, LA Podium Presentation. August 2023