

# JOHN J. MERCURI, M.D., M.A.

## CONTACT

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Address: 300 Lackawanna Avenue, Suite 250  
Scranton, PA 18503  
Phone: (570) 961-3823

## EMPLOYMENT

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Geisinger Orthopaedics and Sports Medicine 2018 – Present  
Geisinger Community Medical Center  
Geisinger Commonwealth School of Medicine  
Scranton, PA

## FELLOWSHIP

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Insall Scott Kelly Institute 2017 – 2018  
Division of Adult Reconstruction  
Department of Orthopedic Surgery  
NYU Langone Orthopedic Hospital  
NYU Langone Health  
New York, NY

## RESIDENCY

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Department of Orthopaedic Surgery 2012 – 2017  
Hospital for Joint Diseases  
NYU Langone Medical Center  
New York, NY

## EDUCATION

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Doctor of Medicine 2007 – 2012  
NYU School of Medicine  
New York, NY

Master of Arts in Bioethics 2010 – 2011  
New York University  
New York, NY  
Thesis: *Orthopaedic Surgery Graduate Medical Education: Medical Ethics and Moral Decision-Making*

Bachelor of Science in Biology 2003 – 2007  
The University of Scranton  
Scranton, PA

## LICENSURE AND CERTIFICATION

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American Board of Orthopaedic Surgery – Board Certified	2020 – Present
Commonwealth of Pennsylvania Medical License	2018 – Present
New York State Medical License	2015 – Present
Medacta Guaranteed Outcome Certification	2018
Stryker MAKO Robotic-Assisted Surgery Certification	2018
Smith and Nephew Birmingham Hip Resurfacing Certification	2018

## JOURNAL PUBLICATIONS

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1. Foster BK, Rae MA, Torino DJ, **Mercuri JJ**, Horwitz DS. Warm Saline Irrigation Protocol Decreases Cement Curing Time in Hip Arthroplasty. *Bull Hosp Jt Dis* (2013). 2023 Sep;81(3):205-207. PMID: 37639350.
2. Tarwala R, **Mercuri JJ**, Iorio R, Karkare N. Ethical Considerations in Total Joint Arthroplasty. *J Am Acad Orthop Surg*. 2023 Aug 8. doi: 10.5435/JAAOS-D-22-00941. Epub ahead of print. PMID: 37561941.
3. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. Patient “No-Show” Increases the Risk of 90-Day Complications Following Primary Total Knee Arthroplasty: A Retrospective Cohort Study of 6,776 Patients. *J Arthroplasty*. 2023 Jun 7:S0883-5403(23)00631-9. doi: 10.1016/j.arth.2023.05.089. Epub ahead of print. PMID: 37295624.
4. Luciani AM, Parry M, Udoeyo IF, Suk M, **Mercuri JJ**, DelSole EM. Physician Perspectives on Telemedicine at an Integrated Health System During the COVID-19 Pandemic. *Telemed J E Health*. 2023 Mar 24. doi: 10.1089/tmj.2022.0184. Epub ahead of print. PMID: 36961394.
5. Tang A, Singh V, Sharan M, Roof MA, **Mercuri JJ**, Meftah M, Schwarzkopf R. The accuracy of component positioning during revision total hip arthroplasty using 3D optical computer-assisted navigation. *Eur J Orthop Surg Traumatol*. 2022 Sep 8. doi: 10.1007/s00590-022-03383-z. Epub ahead of print. PMID: 36074304.
6. Bieganowski T, Buchalter DB, Singh V, **Mercuri JJ**, Aggarwal VK, Rozell JC, Schwarzkopf R. Bone loss in aseptic revision total knee arthroplasty: management and outcomes. *Knee Surg Relat Res*. 2022 Jun 20;34(1):30. doi: 10.1186/s43019-022-00158-y. PMID: 35725586; PMCID: PMC9208118.
7. Pheasant MS, Coulter JL, Wallace C, Kropp Lopez AK, DelSole EM, **Mercuri JJ**. Lumbar Spine Fusion and Symptoms of Leg Length Discrepancy After Hip Arthroplasty. *J Arthroplasty*. 2021 Sep;36(9):3241-3247.e1. doi: 10.1016/j.arth.2021.05.006. Epub 2021 May 11. PMID: 34112541.
8. DelSole EM, **Mercuri JJ**. Utility of Upright Weight-bearing Imaging in Total Hip Arthroplasty. *Semin Musculoskelet Radiol*. 2019 Dec;23(6):603-608. doi: 10.1055/s-0039-1697935. Epub 2019 Nov 19. PMID: 31745950.
9. Novikov D, **Mercuri JJ**, Schwarzkopf R, Long WJ, Bosco Iii JA, Vigdorichik JM. Can some early revision total hip arthroplasties be avoided? *Bone Joint J*. 2019 Jun;101-B(6\_Supple\_B):97-103. doi: 10.1302/0301-620X.101B6.BJJ-2018-1448.R1. PMID: 31146556.
10. **Mercuri JJ**, Schwarzkopf R. Coronal and Sagittal Balancing of Total Knee Arthroplasty Old Principles and New Technologies. *Bull Hosp Jt Dis* (2013). 2019 Mar;77(1):45-52. PMID: 30865864.
11. **Mercuri JJ**, Pepper AM, Werner JA, Vigdorichik JM. Gap Balancing, Measured Resection, and Kinematic Alignment: How, When, and Why? *JBJS Rev*. 2019 Mar;7(3):e2. doi: 10.2106/JBJS.RVW.18.00026. PMID: 30844845.
12. Pepper AM, **Mercuri JJ**, Behery OA, Vigdorichik JM. Total Hip and Knee Arthroplasty Perioperative Pain Management: What Should Be in the Cocktail. *JBJS Rev*. 2018 Dec;6(12):e5. doi: 10.2106/JBJS.RVW.18.00023. PMID: 30562208.

13. **Mercuri JJ**, Long WJ. What is the best option for young, active patients with knee arthritis? *Ann Joint*. 2018 March, 3, 22. doi: 10.21037/aoj.2018.03.06
14. **Mercuri JJ**, Iorio R, Zuckerman JD, Bosco JA. Ethics of Total Joint Arthroplasty Gainsharing. *J Bone Joint Surg Am*. 2017 Mar 1;99(5):e22. doi: 10.2106/JBJS.16.00594. PMID: 28244921.
15. **Mercuri JJ**, Bosco JA, Iorio R, Schwarzkopf R. The Ethics of Patient Cost-Sharing for Total Joint Arthroplasty Implants. *J Bone Joint Surg Am*. 2016 Dec 21;98(24):e111. doi: 10.2106/JBJS.16.00394. PMID: 28002379.
16. **Mercuri JJ**, Okey NE, Karia RJ, Gross RH, Zuckerman JD. Resident Physician Duty-hour Requirements: What Does the Public Think? *J Am Acad Orthop Surg*. 2016 Nov;24(11):789-795. doi: 10.5435/JAAOS-D-16-00241. PMID: 27661392.
17. **Mercuri JJ**, Vigdorichik JM, Otsuka NY. Moral Dilemmas in Pediatric Orthopedics. *Orthopedics*. 2015 Dec;38(12):e1133-8. doi: 10.3928/01477447-20151123-04. PMID: 26652336.
18. DelSole EM, **Mercuri JJ**, Stachel A, Phillips MS, Zuckerman JD. Risk of hepatitis C virus exposure in orthopedic surgery: is universal screening needed? *Am J Orthop (Belle Mead NJ)*. 2014 Jun;43(6):E117-23. PMID: 24945483.
19. **Mercuri JJ**, Karia RJ, Egol KA, Zuckerman JD. Moral reasoning strategies of orthopaedic surgery residents. *J Bone Joint Surg Am*. 2013 Mar 20;95(6):e361-9. doi: 10.2106/JBJS.K.01439. PMID: 23515996.
20. Zuckerman JD, Holder JP, **Mercuri JJ**, Phillips DP, Egol KA. Teaching professionalism in orthopaedic surgery residency programs. *J Bone Joint Surg Am*. 2012 Apr 18;94(8):e51. doi: 10.2106/JBJS.K.00504. PMID: 22517397.
21. Park JJ, Campbell KA, **Mercuri JJ**, Tejwani NC. Updates in the management of orthopedic soft-tissue injuries associated with lower extremity trauma. *Am J Orthop (Belle Mead NJ)*. 2012 Feb;41(2):E27-35. PMID: 22482099.

## PODIUM PRESENTATIONS

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1. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. *Patient "No-Show" Increases the Risk of 90-Day Complications Following Primary Total Hip Arthroplasty*. Presented at: American Association of Hip and Knee Surgeons; Dallas, TX (2023, November).
2. **Mercuri JJ**, Ascani D, Bernardoni M. *NextAR TKA: Intraoperative, 3-Dimensional, Dynamic Ligament Assessment to Achieve Optimal Balance of the Knee*. Presented at: International Society for Technology in Arthroplasty; New York, NY (2023, September)
3. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. *"No-Showing" Appointments Prior to Total Knee Arthroplasty Increases Infection Risk*. Presented at: Pennsylvania Orthopaedic Society Annual Meeting; Pittsburgh, PA (2023, September).
4. Mun JS, Manikowski JJ, Parry MW, Tang A, Crinella C, **Mercuri JJ**. *Does Patient "No-Show" Increase the Risk of 90-Day Complications Following Primary Total Joint Arthroplasty?* Presented at: Sir Robert Jones meeting of the Alumni Association of NYU Langone Orthopedic Hospital (Formerly NYU Hospital for Joint Diseases); New York, NY (2022, November).
5. **Mercuri JJ**, DelSole EM, Glass NE, Frangos SG, Tejwani NC. *Bicyclists verses Pedestrians Struck by Motor Vehicles in a Major City: Is it Safer to Ride or Walk?* Presented at: International Society for Fracture Repair Biannual Meeting; New York, NY (2014, May).
6. DelSole EM, **Mercuri JJ**, Glass NE, Frangos SG, Tejwani NC. *Pedestrians Struck by Automobiles: Are Injuries Predicated Upon Time of Day? An Analysis of 1036 Patients*. Presented at: International Society for Fracture Repair Biannual Meeting; New York, NY (2014, May).
7. DelSole EM, **Mercuri JJ**, Stachel A, Phillips MS, Zuckerman JD. *The Risk of Hepatitis C Virus Exposure in Orthopaedic Surgery: Is Universal Screening Needed?* Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; Chicago, IL (2013, March).

8. **Mercuri JJ.** *Moral Reasoning Strategies of Orthopaedic Surgery Residents.* Presented at: NYU Langone Medical Center's Colloquium on Medical Ethics; New York, NY (2012, May).
9. **Mercuri JJ,** Gillespie C, Hanley K, Zabar S, Kalet AL. *What They Bring With Them To Medical School: Moral Reasoning and OSCE Performance in Newly Matriculated Medical Students.* Presented at: National Meeting of the Society of General Internal Medicine; Minneapolis, MN (2010, May).

## POSTERS AND SCIENTIFIC EXHIBITS

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1. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ.** "No-Showing" Appointments Prior to Total Knee Arthroplasty Increases Infection Risk. Presented at: Presented at: Clinical Orthopaedic Society Annual Meeting; New Orleans, LA (2023, September).
2. Foster B, Grampp SJ, Ozdag Y, Vasquez F, Tang A, **Mercuri JJ.** *Assessing the Quality, Content, and Readability of Online Patient Resources on Viscosupplementation.* Presented at: Pennsylvania Orthopaedic Society Annual Meeting; Pittsburgh, PA (2023, September). Presented at: Clinical Orthopaedic Society Annual Meeting; New Orleans, LA (2023, September).
3. Foster B, Rae M, Torino D, **Mercuri JJ,** Horwitz D. *Warm Saline Irrigation Protocol Decreases Cement Curing Time in Hip Arthroplasty.* Presented at: Orthopaedic Trauma Association Annual Meeting; Fort Worth, TX (2021, October)..
4. Behery OA, Pepper AM, **Mercuri JJ,** Luthringer TA, Vigdorichik JM. *Multimodal Pain Management in Total Hip and Knee Arthroplasty: What Should be in the Cocktail?* Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, NV (2019, March).
5. **Mercuri JJ,** Lakomkin N, Bosco JA, Schwarzkopf R, Zuckerman JD, Iorio R. *Total Joint Arthroplasty Implant Pricing: Past, Present and Future.* Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; San Diego, CA (2017, March).
6. **Mercuri JJ,** Bronson WH, Lajam C, Bosco JA, Iorio R, Schwarzkopf R, Zuckerman JD. *Unintended Ethical Consequences of Value Based Care in Total Joint Arthroplasty.* Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; San Diego, CA (2017, March).
7. **Mercuri JJ,** Gillespie C, Hanley K, Zabar S, Kalet AL. *What They Bring With Them To Medical School: Moral Reasoning and OSCE Performance in Newly Matriculated Medical Students.* Presented at: Regional Meeting of the Society of General Internal Medicine; New York, NY (2010, March).

## INTERNET PUBLICATIONS

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1. **Mercuri JJ,** Nedopil AJ, Greene J. (2023, September). TKA Kinematic Alignment. *Orthobullets.* <https://www.orthobullets.com/recon/423129/tka-kinematic-alignment>
2. Pepper AM, **Mercuri JJ,** Behery OA, Vigdorichik JM. (2018, March 22). Perioperative Pain Management in TJA: What Should Be in the Mix? *International Congress for Joint Reconstruction.* <https://icjr.net/articles/perioperative-pain-management-in-tja-what-should-be-in-the-mix>
3. **Mercuri JJ,** Pepper AM, Werner JA, Vigdorichik JM. (2017, December 19). Evaluating the Evidence for Gap Balancing, Measured Resection and Kinematic Alignment. *International Congress for Joint Reconstruction.* <http://icjr.net/articles/evaluating-the-evidence-for-gap-balancing-measured-resection-and-kinematic-alignment>.
4. **Mercuri JJ.** (2011, March 11). Metaphysics of Medical Futility. *Clinical Correlations: The NYU Langone Online Journal of Medicine.* <http://www.clinicalcorrelations.org/?p=4093>.
5. **Mercuri JJ.** (2010, January 15). The Ethics of Electronic Medical Records. *Clinical Correlations: The NYU Langone Online Journal of Medicine.* <http://www.clinicalcorrelations.org/?p=2211>.

## MAGAZINE ARTICLES

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1. **Mercuri JJ**. “Preparing for Your New Hip or Knee.” *The Circle*. Geisinger Health Plan Silver Circle Program. August, 2023. Page 4.

## TELEVISION APPEARANCES

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1. Charlton W, Meade T, **Mercuri JJ**. (2022, April). *What’s New in the World of Joint Replacement*. Aired by: PBS WVIA, Call the Doctor. Season 34, Episode 9. <https://www.pbs.org/video/joint-replacement-cppksu/>

## WEBINARS

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1. Greene J, **Mercuri JJ**, Nedopil AJ. (2022, December). *Medacta Presents: Why You Should Consider Kinematic Alignment*. Hosted by: American Academy of Orthopaedic Surgeons.
2. Anderson L, Manning D, **Mercuri JJ**, Thadani P. (2021, April). Modern Solutions in Revision, Hinge and Complex Total Knee Arthroplasty. Hosted by: Medacta Orthopaedic Research and Education Institute.

## BOOK CHAPTERS

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1. **Mercuri JJ**, Riddle DL, Slover JD. “Pain Catastrophizers: A Subgroup at Risk for Poor Outcome After Total Knee Arthroplasty.” Section 13, Chapter 179. *Insall and Scott Surgery of the Knee*, 6<sup>th</sup> Edition. Ed. W. Norman Scott. Philadelphia, PA: Elsevier Health Sciences. March, 2017. Pages 1972-1978.

## ADVISORY BOARD POSITIONS

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- RevelAi, Durham, NC 2024 – Present  
AI-based technology to promote equitable musculoskeletal care

## ACADEMIES, SOCIETIES AND PROGRAMS

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Fellow of the American Academy of Orthopaedic Surgeons	2023 – Present
Member of the Personalized Arthroplasty Society	2023 – Present
Fellow of the American Association of Hip and Knee Surgeons	2022 – Present
<i>Alpha Omega Alpha</i> Honor Medical Society	2012
<i>Alpha Sigma Nu</i> National Jesuit Honor Society	2007
Special Jesuit Liberal Arts Program	2003 – 2007

## INVITED FACULTY

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- Campbell Clinic Kinematic Knee Alignment Course, Memphis, TN 2023 – Present  
Session: “The Future of Advanced Technology in Total Knee Arthroplasty”
- Medacta Orthopaedic Research and Education Institute 2021 – Present  
Atlanta, GA; Boston, MA; Las Vegas, NV; Chicago, IL; Tampa, FL
- Near-Peer Musculoskeletal Project Instructor 2015  
NYU School of Medicine, Icahn School of Medicine at Mount Sinai

## COMMITTEE POSITIONS

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- Chair of Program Evaluation Committee for Northeast Residency  
Geisinger Health, Scranton, PA 2022 – Present
- Adult Reconstruction Division Research Group  
Geisinger Health, Scranton, PA 2022 – Present
- ProvenCare Hip and Knee Committee  
Geisinger Health, Scranton, PA 2022 – Present
- Case Order Request Committee  
Geisinger Health, Scranton, PA 2023 – 2024
- Inpatient Clinical Effectiveness Committee – Hip & Knee  
Geisinger Health, Scranton, PA 2021 – 2022
- Optimus Super User Committee  
Geisinger Health, Scranton, PA 2020 – 2021
- Independent Reviewer for Adult Reconstruction CME Webinar  
NYU Langone Orthopedic Hospital, New York, NY 2018
- ACGME Clinical Learning Environment Review Committee  
NYU Hospital for Joint Diseases, New York, NY 2015 – 2017
- Professionalism Remediation Program Instructor  
NYU School of Medicine, New York, NY 2011 – 2016

## TEACHING APPOINTMENTS

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- Director  
Geisinger Adult Reconstruction Fellowship 2022 – Present
- Associate Program Director  
Geisinger Northeast Orthopaedic Surgery Residency 2021 – Present
- Clinical Assistant Professor  
Geisinger Commonwealth School of Medicine 2018 – Present
- Attending Faculty  
Geisinger Adult Reconstruction Fellowship 2020 – 2021

## COMMUNITY ACTIVITIES

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- Walk with a Doc  
Geisinger Musculoskeletal Institute, Scranton, PA 2023 – Present
- Haiti Surgical Relief Trip  
Orthopaedic Surgery Relief International, Goshen, NY 2015

## HONORS AND AWARDS

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- Geisinger Commonwealth School of Medicine Teaching Award 2022
- The University of Scranton Athletics Wall of Fame 2018

## **COLLEGIATE ATHLETICS**

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- NCAA Student-Athlete Advisory Committee 2004 – 2007  
The University of Scranton, Scranton, PA
- Track and Field Club 2004 – 2007  
The University of Scranton, Scranton, PA
- Varsity Cross Country Team 2003 – 2007  
The University of Scranton, Scranton, PA

## **INTERESTS**

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Antique John Deere Farm Tractors  
Home Improvement  
Competitive Long-Distance Running  
Traditional Wet Shaving

**Last Updated: February 2024**