

Trevor Raymond Banka

Home Address: 51092 Plymouth Ridge Drive • Plymouth, MI 48170

Phone: (313) 812-9492 • Email: trbanka@gmail.com

Hospital Address: Henry Ford Hospital • Department of Orthopaedic Surgery
2799 West Grand Blvd CFP-6 • Detroit, MI 48202

EDUCATION

2019-2021	University of Southern California Marshall Business School – AOA Certificate of Leadership in Orthopaedic Surgery	Los Angeles, CA
2012-2013	Hospital for Special Surgery Adult Reconstructive Surgery Fellowship	New York, NY
2008-2012	Henry Ford Hospital System Orthopaedic Surgery Residency Program	Detroit, MI
2007-2008	Henry Ford Hospital System Orthopaedic Surgery Internship	Detroit, MI
2003-2007	Michigan State University College of Human Medicine Medical Doctorate	East Lansing, MI
1999-2003	University of Michigan BS, Microbiology	Ann Arbor, MI
1995-1999	Port Huron Northern High School Graduated 1/495, GPA 4.0/4.0	Port Huron, MI

FACULTY APPOINTMENTS

2013-Present	Senior Staff Orthopaedic Surgeon Adult Reconstruction and Joint Replacement Henry Ford Hospital	Detroit, MI
2012-2013	Senior Clinical Associate in Orthopaedic Surgery Weill Cornell Medical College	New York, NY

LICENSURES

State of Michigan Medical #4301089873, Active
Basic Life Support Certification
Advanced Cardiovascular Life Support Certification
Fundamentals of Critical Care Support Provider Course

BOARD CERTIFICATION

2015 Board Certified, American Board of Orthopaedic Surgery

PROFESSIONAL MEMBERSHIPS

American Academy of Orthopaedic Surgeons, Fellow Member
American Association of Hip and Knee Surgeons, Fellow Member

American Orthopaedic Association Emerging Leader Program
Mid-America Orthopaedic Association, Fellow Member
Michigan Orthopaedic Society
Detroit Academy of Orthopaedic Surgeons

HONORS/AWARDS

2022 AAHKS Clinical Research Award
2012 Peter G. Coggan Outstanding Teaching Award. Henry Ford Health System
2012 AOA Honorary Resident Member. Wayne State University
2011-12 Orthopaedic Chief Resident, Henry Ford Hospital
2011 Dallas B. Phemister, M.D. Physician in Training Award from MAOA
2011 Educational Scholarship. Current Concepts in Joint Replacement Foundation
2008 Emmy Award. Minds of Medicine: When Cancer Strikes Bone. WXYZ TV
2007 Best Study Oral Presentation. MSU FAME Research Forum
2007 Specialty Award in Orthopaedic Surgery. MSU FAME Research Forum
2007 Medical Student Investigator Research Award. MSU FAME Research Forum
2022 AAHKS Clinical Research Award

LOCAL AND NATIONAL SERVICE

2012 Keynote Speaker, Special Days Camp Monte Carlo Night, Ann Arbor, MI
2011 Keynote Speaker, Special Days Camp Memorial Golf Outing, Ann Arbor, MI
2010 Keynote Speaker, Special Days Camp Memorial Golf Outing, Ann Arbor, MI
1998 – 2001 Cabin Leader, Special Days Camp for Children with Cancer. Jackson, MI
1997 – 2009 Counselor and Mentor, Chalfonte Foundation for Children with Terminal Diseases. Elk Rapids, MI
2005 Admissions Committee, MSU-CHM. East Lansing, MI
2004 – 2006 Treasurer, American Medical Student Association, MSU Chapter
2002, 2003 Speaker at Candle Light Vigil for Cancer Survivors, Ann Arbor, MI
1999 – 2003 Developmental Chair and Member, University of Michigan Sailing Team
2000 Member, University of Michigan Boxing Club
2000 Rider, 2,200 mile cross-country bicycle tour from Key West, FL to Maine
1998 Rider, 3,300 mile cross-country bicycle tour from Seattle, WA to Washington DC

EDITORSHIPS/REVIEW COMMITTEE

2008 Editor – Passing the USMLE: Basic Science. ISBN 9780387689807
2008 Editor – Passing the USMLE: Clinical Knowledge. ISBN 9780387689838
2018 Abstract Review – AAHKS Annual Meeting
2019 Abstract Review – AAHKS Annual Meeting
2020 Abstract Review – AAHKS Annual Meeting

TEACHING

2002 – 2005 MCAT Instructor and Tutor, The Princeton Review. Ann Arbor, MI

2003 Undergraduate Student Instructor, Michigan Math and Science Scholars. Ann Arbor, MI

PROFESSIONAL DEVELOPMENT

AAOS Orthopaedic Educators Course, Rosemont IL, November 2014
American Orthopaedic Association Resident Leadership Forum, Boston MA. June 2011
Current Concepts in Joint Replacement Winter Meeting. May 2011
Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI. June 2010
AANA Fundamentals of Arthroscopic Surgery, Rosemont, IL. February 2010
Texas Scottish Rite Orthotics and Prosthetics Course, Dallas, TX. October 2009
Detroit Medical Center Sports Symposium, Detroit, MI. August 2009
Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI. June 2009
27th Annual Mid-America Orthopaedic Association Meeting, Amelia Island, FL. April 2009
Orthopaedic Trauma Association Annual Meeting, Denver, CO. October 2008
Orthopaedic Trauma Association Basic Fracture Course, Denver, CO. October 2008
Henry Ford Health System Sports Medicine Symposium, Dearborn, MI. February 2008
Fundamentals of Critical Care Support Provider Course, Detroit, MI. August 2007
Advanced Cardiac Life Support Course, Detroit, MI. June 2007

GRANT SUPPORT

2010 Henry Ford Hospital Resident Research Grant.

PUBLICATIONS

1. Morandi M, **Banka T**, Gaiarsa GP, Guthrie ST, Khalil J, Hoegler J. Intramedullary Nailing of Tibial Fractures: Review of Surgical Techniques and description of a Percutaneous Lateral Suprapatellar Approach. *Orthopedics*. 2010 Mar 1;33(3):172-9.
2. Khalil J, Mott M, Parsons TW, **Banka T**, Van Holsbeek M. Can Musculoskeletal Tumors be Diagnosed with Ultrasound Fusion-Guided Biopsy? *Clinical Orthopaedics and Related Research*. 2012 Aug;470(8):2289-7.
3. Ast M, Gorab A, **Banka T**, Lee L, Lyman S, Westrich G. Clinical Outcomes of Patients with Non-fatal VTE after Total Knee Arthroplasty. *Journal of Arthroplasty*. 2014 Jan; 29(1):37-39.
4. **Banka T**, Ast MP, Parks, ML. Early Intraprosthetic Dislocation in a Revision Dual-Mobility Hip Prosthesis. *Orthopedics*. 2014 Apr;37(4):e395-7.
5. **Banka T**, Kiends K, Yadeau J, Ruel A, Westrich G. Preoperative Predictors of Postoperative Opioid Usage, Pain Scores, and Referral to a Pain Management Service in Total Knee Arthroplasty. *HSS Journal*. 2014 Nov.
6. Dy CJ, Marx RG, Ghomrawi H, **Banka T**, Pan TJ, Do H, Westrich GH, Lyman S. The Potential Effect of Regionalization Strategies on Care Delivery for Elective Total Joint Replacement. Submitted to *NEJM*. August 2013

7. Okoroha KR, Gabbard MD, Fitts J, **Banka T**. Cutibacterium Acnes Septic Arthritis of the Nonoperated Knee: A Case Report. Surg J. 2017 Jul 5;3(3):e107-e109. PMID 28825032
8. Taliaferro K, Crawford A, Lynch J, Jung E, Zvirbulous R, **Banka T**. Intra-Ocular Pressure Changes Associated With Intra-Articular Knee Injections of Kenalog for the Treatment of Knee Arthritis. CORR 2018 Jul;476(7):1420-1425. PMID 29533245
9. Elbuluk A, Ast M, Stimac J, **Banka T**, Abdel M, Vigdorichik J. Peer-to-Peer Collaboration Adds Value for Surgical Colleagues. HSS J. 2018
10. Khalil L, Darrith B, Franovic S, Davis J, Weir R, **Banka T**. PROMIS Global Health Forms Demonstrate Responsiveness in Patients Undergoing Knee Arthroplasty. JOA 2020 Jun;35(6): 1540-1544. PMID 32037211
11. Shaw J, Lindsay-Rivera KG, Buckley PJ, Weir RM, **Banka T**, Davis J. Minimal Clinically Important Difference in Robotic-Assisted Total Knee Arthroplasty V. Standard Manual Total Knee Arthroplasty. J Arthroplasty. 2021 Jul;36(7S):S233-S241. Epub 2021. Feb 18. PMID: 33692001
12. Darrith B, Khalil LS, Fronovic S, Bazydlo M, Weir RM, **Banka T**, Davis J. Preoperative Patient-Reported Outcomes Measurement Information System Global Health Scores Predict Patients Achieving The Minimal Clinically Important Difference in Early Postoperative Time Period After Total Knee Arthroplasty. JAAOS. 2021 Dec 15;29(24):e1417-e1426. PMID 3461813
13. Klag EA, Lizzio VA, Charters MA, Ayoola AS, Wesemann L, **Banka T**, North WT. Increased Accuracy in Templating for Total Knee Arthroplasty Using 3D Models Generated from Radiographs. J Knee Surg. 2023. PMID 35240715
14. Shaw JH, Weseman LD, Banka TR, North WT, Charters MA, Davis JJ. The AAHKS Clinical Research Award: Oral Dexamethasone Following Total Knee Arthroplasty: A Double-Blind, Randomized Controlled Trial. J Arthroplasty. 2023 Jul;38(7 Suppl 2): S15-S20. PMID 37105325

PRESENTATIONS

Invited and/or Referred Nationally

1. Shaw J, Banka T, Weir R, Charters M, North TW, Davis, J. Oral Dexamethasone Following Total Knee Arthroplasty: A Double-Blinded, Randomized Controlled Trial. Presented at AAHKS. November 2022
2. Shaw J, Lindsay-Rivera K, Weir R, Banka T, Davis J. Minimum Clinically Important Difference in Robotic-Assisted Versus Manual Total Knee Arthroplasty. Presented at AAHKS. November 2020

3. Khalil L, Darrith B, Franovic S, Davis J, Weir R, **Banka T**. PROMIS Global Health Forms Demonstrate Responsiveness in Patients Undergoing Knee Arthroplasty. Presented at AAHKS. November 2019
4. Vigdorichik J, Banka T, Ast M, Abdel M, Stimac J. Peer-to-Peer Collaboration Adds Value for Surgical Colleagues. AOA 2018. Boston MA
5. Taliaferro K, Crawford A, Lynch J, Jung E, Zvirbulous R, **Banka T**. Intra-Ocular Pressure Changes Associated With Intra-Articular Knee Injections of Kenalog for the Treatment of Knee Arthritis. Presented at AAOS. March 2017. San Diego, California
6. Taliaferro K, Crawford A, Lynch J, Jung E, Zvirbulous R, **Banka T**. Intra-Ocular Pressure Changes Associated With Intra-Articular Knee Injections of Kenalog for the Treatment of Knee Arthritis. Presented at American Association of Hip and Knee Surgeons Annual Meeting. November 2016. Dallas, TX
7. Jung E, North T, Srivastava K, Abouljoud M, **Banka T**, Weir R, Davis J. Pain Management and its Relationship to Patient Satisfaction in Total Joint Replacement Surgery. Poster Presented at American Academy of Orthopaedic Surgeons Annual Meeting. March 2015. Las Vegas, Nevada
8. **Banka T**, Ruel A, Ast M, Fields K, YaDeau J, Westrich G. Preoperative Predictors of Postoperative Opioid Usage and Referral to a Pain Management Service in Total Knee Arthroplasty. Presented at the Closed Knee Society Annual Meeting. September 2013. Toronto, Ontario Canada
9. **Banka T**, Ruel A, Ast M, Fields K, YaDeau J, Westrich G. Preoperative Predictors of Postoperative Opioid Usage and Referral to a Pain Management Service in Total Knee Arthroplasty. Presented at American Association of Hip and Knee Surgeons Annual Meeting. November 2013. Dallas, Texas
10. Khalil JG, **Banka T**, Mott M, Parsons TW, Van Holsbeeck M. The Use of Ultrasound Fusion for the Diagnosis of Musculoskeletal Tumors: Rationale and Experimental Study. American Academy of Orthopaedic Surgeons Annual Meeting. Presented February 2011. San Diego, California
11. **Banka T**. Cancer Survivors Give Back. Presented at 5th Annual National Oncology Congress Annual Meeting. September 2009. San Francisco, California
12. **Banka T**, Mott MP, Mooney JF, Parsons, TW, Van Holsbeeck, M. Novel Use of a Locking Plate for Femoral Osteotomy Fixation in Severe Coxa Vara Secondary to Fibrous Dysplasia. Poster presentation #47, Musculoskeletal Tumor Society Annual Meeting. November 2008. Phoenix, Arizona

Invited and/or Referred Locally or Regionally

1. Charters M, North W, **Banka T**, Shaw J. Evaluation of the Learning Curve Associated with Robotic-Assisted TKA. Presented at MOS. Mackinac Island. August 2021
2. Charters M, North W, **Banka T**, Lizzio V. Increased Accuracy in Templating for Total Knee Arthroplasty Using 3D Models Generated from Radiographs. Presented at MOS. Mackinac Island. August 2021
3. **Banka T**. Using a Collaborative Quality Improvement (CQI) to Improve Care for Total Hip and Knee Replacement Patients. Presented at MARCQI Quarterly Meeting. March 2020
4. Nelson A, Jabara J, Jung E, Antaran A, **Banka T**. Perioperative Limb Weight Changes after Total Knee Arthroplasty. Presented at MOS. June 2018. Mackinac Island, MI
5. Liu J, Robinson D, Hakeos W, Hoegler J, Guthrie T, **Banka T**. Treatment Outcomes and Revision Surgery Following Hip Hemiarthroplasty Dislocation. Presented at MAOA. April 2018. San Antonio TX
6. Taliaferro K, Crawford A, Lynch J, Jung E, Zvirbulous R, **Banka T**. Intra-Ocular Pressure Changes Associated With Intra-Articular Knee Injections of Kenalog for the Treatment of Knee Arthritis. Presented at Wayne State University Medical Student Research Symposium. December 2017. Detroit, Michigan
7. Liu J, Robinson D, Hakeos W, Hoegler J, Guthrie T, **Banka T**. Treatment Outcomes and Revision Surgery Following Hip Hemiarthroplasty Dislocation. Poster Presented at Michigan Orthopaedic Association Annual Meeting. June 2017. Mackinac Island, Michigan
8. Gabbard M, Okoroha K, **Banka T**. Propionibacterium Acnes Septic Arthritis of the Naïve Knee: A case report. Poster Presented at Michigan Orthopaedic Association Annual Meeting. June 2017. Mackinac Island, Michigan
9. Taliaferro K, Crawford A, Lynch J, Jung E, Zvirbulous R, **Banka T**. Intra-Ocular Pressure Changes Associated With Intra-Articular Knee Injections of Kenalog for the Treatment of Knee Arthritis. Presented at MidAmerican Orthopaedic Association Annual Meeting. April 2017. Amelia Island, FL
10. Jung E, North T, Srivastava K, Abouljoud M, **Banka T**, Weir R, Davis J. Pain Management and its Relationship to Patient Satisfaction in Total Joint Replacement Surgery. Poster Presented at Michigan Orthopaedic Association Annual Meeting. June 2016. Mackinac Island, Michigan
11. Taliaferro K, Crawford A, Lynch J, Jung E, Zvirbulous R, **Banka T**. Intra-Ocular Pressure Changes Associated with Intra-Articular Knee Injections of Kenalog for the Treatment of Knee Arthritis. Presented at Michigan Orthopaedic Association Annual Meeting. June 2016. Mackinac Island, Michigan

12. Jung E, North T, Srivastava K, Abouljoud M, **Banka T**, Weir R, Davis J. Pain Management and its Relationship to Patient Satisfaction in Total Joint Replacement Surgery. Poster Presented at Mid-America Orthopaedic Association Annual Meeting. April 2015. Hilton Head, South Carolina
13. **Banka T**, Ruel A, Ast M, Fields K, YaDeau J, Westrich G. Preoperative Predictors of Postoperative Opioid Usage and Referral to a Pain Management Service in Total Knee Arthroplasty. Presented at Eastern Orthopaedic Association Annual Meeting. October 2013. Miami Beach, Florida.
14. Ast M, Gorab A, **Banka T**, Lee L, Lyman S, Westrich G. Clinical Outcomes of Patients with Non-fatal VTE after Total Knee Arthroplasty. Presented at Eastern Orthopaedic Association Annual Meeting. October 2013. Miami Beach, Florida
15. **Banka T**, Lyman S, Westrich G. Regionalization of Elective Total Joint Replacements in the United States. The Hospital for Special Surgery Fellow Research Forum. June 2013. New York, New York
16. **Banka T**, Lyman S, Westrich G. Regionalization of Elective Total Joint Replacements in the United States. Presented at The Hospital for Special Surgery Grand Rounds. October 2012. New York, New York
17. **Banka T**, Khalil J, Hoegler J, Morandi M. The Lateral Percutaneous Suprapatellar Approach to Tibial Intramedullary Nailing: A Cadaver Study. Presented at Mid-America Orthopaedic Society Annual Meeting. April 2012. Bonita Springs, Florida
18. **Banka T**, Khalil J, Hoegler J, Morandi M. The Lateral Percutaneous Suprapatellar Approach to Tibial Intramedullary Nailing: A Cadaver Study. Presented at Michigan Orthopaedic Society Annual Meeting. June 2011. Mackinac Island, Michigan
19. **Banka T**, Khalil J, Hoegler J, Morandi M. The Lateral Percutaneous Suprapatellar Approach to Tibial Intramedullary Nailing: A Cadaver Study. Presented at Detroit Academy of Orthopaedic Surgeons. April 2011. Detroit, Michigan
20. Khalil JG, **Banka T**, Mott M, Parsons TW, Van Holsbeeck M. Comparison of Ultrasound Fusion and Computed Tomography Guided Biopsy in Musculoskeletal Neoplasia. Presented at Mid-America Orthopaedic Association Annual Meeting. April 2011. Tucson, Arizona
21. **Banka T**, Khalil J, Hoegler J. The Lateral Suprapatellar Approach to Tibial Intramedullary Nailing: A Cadaver Study. Presented at Henry Ford Hospital Research Forum. January 2011
22. **Banka T**, Mott MP, Parsons, TW, Van Holsbeeck, M. Novel Use of a Locking Plate for Femoral Osteotomy Fixation in Severe Coxa Vara Secondary to Fibrous Dysplasia. Presented at Michigan Orthopaedic Society Meeting. June 2010

23. **Banka T.** Fractures About the Elbow. Presented at Grand Rounds Henry Ford Health System. January 2010
24. **Banka T, Khalil JG, Van Holsbeeck M, Silverton C.** Femoral-Acetabular Impingement Following Femoral Resurfacing Arthroplasty. Presented at Michigan Orthopaedic Society Meeting. June 2009
25. **Banka T, Khalil JG, Woods T, Settecerci J.** The Use of Intra-operative CT Scanning in Scoliosis Surgery: A Report of Three Challenging Cases. Presented at the Michigan Orthopaedic Society Meeting. June 2009
26. **Banka T, Khalil JG, Hoegler J.** Symphysis Pubis Diastasis after Spontaneous Vaginal Birth Treated with External Fixation. Presented at the Michigan Orthopaedic Society Meeting. June 2009
27. **Banka T, Mott MP, Parsons, TW, Van Holsbeeck, M.** Massive Pigmented Villonodular Synovitis of the Knee. Presented at 25th Annual Mid-America Orthopaedic Association Meeting. April 2009. Amelia Island, Florida
28. **Banka T, Mott MP, Parsons, TW, Van Holsbeeck, M.** Novel Use of a Locking Plate for Femoral Osteotomy Fixation in Severe Coxa Vara Secondary to Fibrous Dysplasia. Presented at 25th Annual Mid-America Orthopaedic Association Meeting. April 2009. Amelia Island, Florida
29. **Banka T.** Current Treatment Options for Calcaneal Fractures. Henry Ford Hospital Grand Rounds. January 2009
30. Atkinson P, Zielinski J, Sysbesma J, Oliver G, **Banka T**, Fras A, Houghtaling J. Crash Analysis of Child Safety Seat Protection for Children in Hip Spica Casts. Presented at Michigan State University/Flint Area Medical Education Research Forum. June 2007. Flint, Michigan
31. **Banka T, Wong A, Graham C.** Prealbumin as a Potential Marker of Successful Extubation in Trauma and Surgical Patients. Presented at Michigan State University/Flint Area Medical Education Research Forum. June 2007. Flint, Michigan

INTERESTS

Competitive Sailing, Cycling, Travel, Fishing