

THOMAS J. SCHARSCHMIDT, MD, MBOE, FAOA, FACS

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ADMINISTRATIVE AND LEADERSHIP POSITIONS

ACADEMIC POSITIONS

2022 – Present	Professor, Orthopaedics, The Ohio State University
2013 – Present	Director, Pediatric Orthopaedic Oncology, Nationwide Children's Hospital
2015 – 2022	Associate Professor, Orthopaedics, The Ohio State University
2009 – 2015	Assistant Professor, Orthopaedics, The Ohio State University

ADMINISTRATIVE POSITIONS

2019 – 2023	Vice Chair of Education, Department of Orthopaedics, The Ohio State University
2018 – 2023	Director, Orthopaedic Surgery Residency Program, The Ohio State University
2018 – 2023	Director, Musculoskeletal Oncology Fellowship Program, The Ohio State University and James Cancer Hospital *Developed and created fellowship
2013 – Present	Associate Editor, Orthopaedics, Surgical Oncology and Imaging, BioMed Central
2017 – 2020	Chair, Cancer Committee, American College of Surgeons, James Cancer Hospital
2015 – 2018	Physician Liaison, American College of Surgeons, James Cancer Hospital
2016 – 2018	Associate Chief, Clinical Quality and Patient Safety Committee - Perioperative Services The Ohio State University Wexner Medical Center
2014 – 2018	Chair, Clinical Quality and Patient Safety Committee - Perioperative Services, The Ohio State University Wexner Medical Center
2009 – 2017	Director, 3rd/4th Year Medical Students Clerkship

EDUCATION, TRAINING AND LICENSURES

FELLOWSHIP

2013 - 2013	Texas Back Institute Research Foundation Advanced Spine Reconstruction and Tumor Fellowship Director: Isador Lieberman, M.D.
2008 - 2009	The University of Washington Medical Center and Children's Hospital Fellowship in Adult and Pediatric Orthopaedic Oncology Fellowship Director: Ernest U Conrad III, M.D.

RESIDENCY

2003 - 2008 Summa Health System, Akron, OH

DEGREES

Dec 2016 The Ohio State University, Fisher College of Business MBOE (Master of Business Operation Excellence)

Jun 2003 Northeastern Ohio Universities College of Medicine, MD

Jan 1999 Kent State University, BS

CERTIFICATIONS

Dec 2015 Black Belt, Six Sigma, The Ohio State University

July 2011 Board Certified Orthopedic Surgeon, American Board of Orthopedic Surgery

LICENSES

Jan 2011 American Board of Orthopedic Surgeons Boards Part 2

Jan 2008 American Board of Orthopedic Surgeons Boards Part 1

Jan 2008 Medical License

Jan 2007 Doctor of Medicine: State Medical Board of Ohio

PROFESSIONAL MEMBERSHIP AND LEADERSHIP COMMITTEE POSITIONS

CURRENT INTERNATIONAL PROFESSIONAL MEMBERSHIP/LEADERSHIP COMMITTEE POSITIONS

2010 – Present International Society of Limb Salvage

2007 – Present Connective Tissue Oncology Society

CURRENT NATIONAL PROFESSIONAL MEMBERSHIP/LEADERSHIP COMMITTEE POSITIONS

2021 – Present POSNA, Pediatric Orthopaedic Surgeons of North America, Member

2019 – 2022 AAOS, Instructional Course Lecturer: Management of Bone Tumors

2015 – Present American Orthopaedic Association
*Oldest orthopaedic association in the US; elected membership that only 5% of practicing surgeons are honored with

2013 – Present American College of Surgeons, Fellow

2013 – Present Children's Oncology Group, Orthopaedic Surgery Committee

2012 – Present North American Spine Society

2010 – Present NRG Oncology, Sarcoma Working Group

2009 – Present Children's Oncology Group, Curesearch

2009 – Present Musculoskeletal Tumor Society
• Education Committee, Member, 2017-2020

2007 – Present Orthopaedic Research Society

2005 – Present American Academy of Orthopaedic Surgeons
• Fellow, 2012
• Member, 2005

2002 – Present Alpha Omega Alpha Medical Honor Society

CURRENT REGIONAL PROFESSIONAL MEMBERSHIP/LEADERSHIP COMMITTEE POSITIONS

2009 – Present Akron Orthopaedic Oncology Review, Instructor

CURRENT ADMINISTRATIVE COMMITTEE POSITIONS - THE OHIO STATE UNIVERSITY MEDICAL CENTER

2018 – Present Fellowship Program Evaluation Committee, Chair

2018 – Present Fellowship Clinical Competency Committee

2018 – Present Resident Program Evaluation Committee, Chair

2018 – Present Resident Clinical Competency Committee

2016 – Present Bundle Payment Development with University Health Plan Committee

2013 – Present HSIQ Safety Coach Session

2012 – Present Orthopaedic Surgery Interest Group (Academic Interest), Ohio State University College of Medicine

2012 – Present Orthopaedic Advisor (Academic Interest), The Ohio State University

2010 – Present MSK Block Teaching Lecture

2010 – Present Department of Orthopaedics Chief Quality Officer

CURRENT ADMINISTRATIVE COMMITTEE POSITIONS - ARTHUR G JAMES CANCER HOSPITAL

2009 – Present Sarcoma Tumor Board, Director

2009 – Present Sarcoma Disease Committee, Contributor

PREVIOUS NATIONAL PROFESSIONAL MEMBERSHIP/LEADERSHIP COMMITTEE POSITIONS

2019 – 2020 Musculoskeletal Tumor Society, Annual Meeting Program Chair

*Organized and ran annual internationally-attended meeting that converted to virtual due to pandemic

2016 – 2019 AAOS, Instructional Course Lecturer: Management of Pediatric Bone Tumors

2013 – 2017 AAOS, Musculoskeletal Tumor & Metabolic Disease Program Committee

2014, 2016 American Academy of Orthopaedic Surgeons, Tumor Paper Sessions- Pelvic and Spine Malignancies, Moderator

2014 HVO, Health Volunteers Oversees

2014 American Medical Association

2013 Orthopaedic Research Society, Tumor Biology Session

2008 Margo Johnson Pathology Course, Moderator

PREVIOUS ADMINISTRATIVE COMMITTEE POSITIONS – THE OHIO STATE UNIVERSITY MEDICAL CENTER

2018 - 2019 Cancer Liaison Physician ACS

2018 - 2019 Cancer Committee Chair ACS

2017 - 2018 Care Transformation Team

2015 - 2018 Practitioner Evaluation Committee

2015 - 2018 DVT/PE Quality Improvement Team

2014 - 2018 Leadership Council for Clinical Quality, Safety, and Service

2014 - 2018	CRM Steering Committee, Chair
2014 - 2018	Crew Resource Management Committee
2014 - 2018	James Clinical Quality and Patient Safety Committee
2013 - 2018	Senior Quality Council
2012 - 2018	Lead, Serve, Inspire Curriculum Team, Musculoskeletal Block
2011 - 2018	James Utilization Management Committee, Member
2010 - 2018	James Clinical Quality and Patient Safety Committee, Chair
2012 - 2018	Health System Perioperative Quality Management Committee
2011 - 2018	Student Review Committee
2011 - 2018	Faculty Student Advisor
2009 - 2018	Resident Research Committee
2009 - 2016	Med 3&4 Academic Program Committee, Director
2010 - 2011	James IHIS Implementation Committee

AWARDS / HONORS

2022	4.9 out of 5 Rating, Patient Satisfaction Review, Press Ganey
2020	Educator of the Year- Department of Orthopaedic Surgery
2020	MSTS 2019/2020 Best Paper Award (1st Place), The Affordable Care Act (ACA) Increased Insurance Coverage and Early-Stage Diagnoses in Adult Orthopaedic Oncology
2019	Certificate of Excellence, Top Performing Provider in 2019, The Ohio State University
2019	Top 10% of Providers Nationally for Patient Satisfaction, Press Ganey
2019	Certificate of Excellence, Outstanding Achievement in Patient Service, The Ohio State University
2019	Patient Satisfaction BRAVO Award
2018	Recognition of Key Commercialization Milestone, The Ohio State University
2018	Top 10% of Providers Nationally for Patient Satisfaction, Press Ganey
2018	Outstanding Achievement in Patient Service, Certificate of Excellence, The Ohio State University
2018	Patient Satisfaction BRAVO Award
2017	Top 10% of Providers Nationally for Patient Satisfaction, Press Ganey
2017	Outstanding Achievement in Patient Service, Certificate of Excellence, The Ohio State University
2017	Patient Satisfaction BRAVO Award
2016	Magna Cum Laude, Fischer College of Business, The Ohio State University
2016	Top 10% of Providers Nationally for Patient Satisfaction, Press Ganey
2016	Outstanding Achievement in Patient Service, Certificate of Excellence, The Ohio State University

2016	Patient Satisfaction BRAVO Award
2015	Top 10% of Providers Nationally for Patient Satisfaction, Press Ganey
2015	Outstanding Achievement in Patient Service, Certificate of Excellence, The Ohio State University
2015	Patient Satisfaction BRAVO Award
2014	Exceptional Physician Peer Award, The Ohio State University
2014	Outstanding Achievement in Patient Service, Certificate of Excellence, The Ohio State University
2013	Outstanding Achievement in Patient Service, Certificate of Excellence, The Ohio State University
2012	Educator of the Year, Orthopaedics, The Ohio State University
2011	Excellence in Teaching Award, The Ohio State University School of Medicine
2010	Medical Student Teacher of the Year, College of Medicine, The Ohio State University
2010	Ohio State University Medical Center Surgeon of the Month
2008	Andrew Kerr Award for Meritorious Research, Summa Health System
2008	Resident of the Year, Summa Health System
2007	AOA Clinician-Scientist Development Program, American Orthopaedic Association
2006	Carl L. Nelson Physician-in-Training Award, Mid-America Orthopaedic Association
2006	Resident, Teacher of the Year, Summa Health System
2006	Walter Hoyt Basic Science Research Award, Summa Health System
2002	Junior Year Inductee, Alpha Omega Alpha

GRANTS

1. 2017 "Patient Safety Awareness Grant, "Reducing OR Room Traffic" The Ohio State University Center for Clinical and Translational Science. \$25,000 (USD). Principal Investigator
2. 2017 "Tension-induced Periosteal Expansion: A Strategy for Managing Segmental Bone Defects" Musculoskeletal Tumor Society. \$100,000 (USD). Principal Investigator
3. 2015 "IlluminOss: A Prospective, Multi-Center Study of the IlluminOss Photodynamic Bone Stabilization System for the Treatment of Impending and Actual Pathological Fractures in the Humerus from Metastatic Bone Disease". \$13,469. Co-PI

CLINICAL TRIALS

PRINCIPLE INVESTIGATOR

- 2021 AMB-05X Phase II Study of Intraarticular Administration of CSF1R Antibody in Tenosynovial Giant Cell Tumor
- 2020 Prophylactic Antibiotic Regimens in Tumor Surgery (PARITY) Investigators
- 2020 Pathological response in children and adults with large unresected intermediate-grade or high-grade soft tissue sarcoma receiving preoperative chemoradiotherapy with or without pazopanib (ARST1321): a multicentre, randomised, open-label, phase 2 trial

- 2019 Effect of the Reamer-Irrigator-Aspirator on Perioperative Complications during Prophylactic Fixation of Impending Pathologic Femur Fractures
- 2019 A Retrospective Analysis of Plating versus Oncologic Prosthesis in the Treatment of Pathologic Fractures Secondary to Metastatic Disease to the Distal Femur
- 2019 Grit, Burnout and Wellbeing Among Orthopaedic Resident and Faculty Physicians: A Multi-Institution Longitudinal Study Across Training Levels
- 2019 Nationwide Children's Hospital Solid Tumor Biology Study: Collection and Banking of Fresh Tumor and Serum Specimens for Research Purposes
- 2019 Malnutrition, Diabetes and Postoperative Complications in Sarcoma Patients - A Retrospective Review
- 2018 A Phase IB Trial of Neoadjuvant AMG 232 Concurrent with Preoperative Radiotherapy in Wild-Type P53 Soft Tissue Sarcoma (STS)
- 2018 National, Multi-Institutional; Pazopanib Neoadjuvant Trial in Non-Rhabdomyosarcoma Soft Tissue Sarcomas (PAZNTIS): A Phase II/III Randomized Trial of Preoperative Chemoradiation or Preoperative Radiation Plus or Minus Pazopanib (NSC# 737754, IND#118613)*
***National Principle Investigator for first ever sarcoma clinical trial across pediatric (COG) and adult (NRG) populations. Accrued >150 patients internationally, Ohio State was the leading accrual center**
- 2017 What Influences Recurrence Rates of Soft Tissue Sarcomas of the Extremities?
- 2011 Evaluation of Velcade in Local Delivery Model - Millenium Pharmaceuticals.
- 2010 Establishing Sarcoma Xenografts
- 2001 American Federation for Aging Research Glenn Scholarship" American Federation for Aging Research

CO-INVESTIGATOR

- 2020 OSU 14242: An Electronic Health Record (EHR)-Based Comprehensive Bone and Soft Tissue Tumor Registry
- 2019 OSU 19087 (NCI 10056): A Phase 2 Study of Talimogene Laherparepvec (T-VEC) and Radiation in Localized Soft Tissue Sarcoma
- 2019 The Use of Optical Coherence Tomography for Surgical Margin Assessment for Soft Tissue Sarcoma
- 2019 American Academy of Orthopaedic Surgeons (AAOS) Registry Program
- 2017 Establishing Cell Lines and Examining Tumor and Peripheral Blood from Human Sarcoma and Other Soft Tissue and Bone Tumors: Research
- 2016 Phantom Pain and Chronic Local Pain in Upper and Lower Extremity Amputees
- 2015 A Clinicopathologic Analysis of Soft Tissue and Bone Tumors: A Retrospective Study
- 2015 U.S. Sarcoma Consortium
- 2014 ARST1321, Pazopanib Neoadjuvant Trial in Non-Rhabdomyosarcoma Soft Tissue (PAZNTIS): A Phase II/III Randomized Trial of Preoperative Chemoradiation or Preoperative Radiation Plus or Minus Pazopanib (NSC# 737754, IND# 118613)
- 2012 OSU 12067: Decision Impact Analysis of Foundation Medicine's next Generation Sequencing Test in Advanced Solid Tumor Malignancies
- 2012 A Randomized Controlled Study of YONDELIS or Dacarbazine for the Treatment of Advanced Liposarcoma or Leiomyosarcoma

2011 IPM3001: A Phase III Multicenter, International L, Randomized, Double-Blind, Placebo-Controlled Study of Doxorubicin Plus Palifosafamide vs. Doxorubicin Plus Placebo in Patients with Front-Line Metastatic Soft Tissue Sarcoma: The Picasso III Study

KEY PERSONNEL

2020 Infected Orthopaedic Hardware: An analysis of pathogenic bacteria.

2019 The Use of Optical Coherence Tomography for Surgical margin Assessment for Soft Tissue Sarcoma

2018 Retrospective Chart Review of Outcomes of Soft-Tissue Sarcoma Resection and Subsequent Reconstruction

2013 Retrieval Analysis of Infected Orthopaedic Hardware

SPECIAL INTERESTS

INTERNATIONAL PATIENTS

2020 Surgical and follow-up care for International patient from Saudi Arabia

2019 Surgical and follow- up care for International patient from Canada

2019 Surgical and follow-up care for International patient from Russia

2019 Surgical and follow- up care for International patient from Canada

2018 Surgical and follow-up care for International patient from Dubai, United Arab Emirates

VOLUNTEER ACTIVITIES

2015 – 2022 Examiner, Mock Oral Boards, Orthopedics, The Ohio State University

2015 – 2022 Examiner, Mock Oral Boards, Orthopedics, Mount Carmel Health

2011 – 2021 Steps for Sarcoma Walk/5K, Benefiting The James Cancer Hospital, raised over \$1,000,000.00 for sarcoma research at The Ohio State University

2010 – 2021 Pelotonia – In support of OSUCCC – James cancer research

2009 – 2021 Service to Student Affairs (Student Orientation): Akron Orthopaedic Oncology Review Instructor

MENTORING

RESIDENTS MENTORED INTO CAREER IN ORTHOPAEDIC ONCOLOGY

Carl Quinion, MD, graduated 2022, Fellow, Orthopaedic Oncology, University of Florida

John Alexander, graduated 2019, Assistant Professor, Orthopaedic Oncology, The Ohio State University

Jared Harwood, graduated 2017, Assistant Professor, Orthopaedic Oncology, University of Washington

Vincent Ng, graduated 2013, Assistant Professor, Orthopaedic Oncology, University of Maryland

ORTHOPAEDIC ONCOLOGY FELLOWS TRAINED

2022-2023:TJ Utset, MD, University of Chicago

2021-2022: Victoria Clarke, MD, Howard University Medical Center, Washington, DC

2020-2021: Brandon Jonard, MD, Summa Health System, Athens, OH

2019-2020: Ryan Voskuil, MD, University of Tennessee, Chattanooga

INVITED LECTURES / PRESENTATIONS

INTERNATIONAL LECTURES / PRESENTATIONS / COURSES TAUGHT

1. 'Use of 3D Models and Virtual Surgical Planning in Orthopaedic Oncology', Speaker, 3D Graphy Workshop Pediatrics 2021 Global Virtual Event, January 2021
2. 'Best Orthopedic Pathology Practices', Presenter, West African Division of International Academy of Pathology (WADIAP) Annual Conference, November 2020
3. 'Role of Denosumab in the Treatment of Giant Cell Tumor of Bone', Grand Rounds Speaker, Pakistan Orthopaedic Association, October 2020
4. 'Orthopedic vs. Neurosurgery – Does a Surgeon's Specialty have an Influence of 90-day Outcomes Following Surgical Intervention for Spinal Metastases?' Azeem Malik, **Thomas Scharschmidt**; COA/CORS Annual Meeting, Halifax, Nova Scotia, June 2020
5. 'Targeted Muscle Reinnervation: A Strategy to Prevent Neuroma and Phantom Limb Pain in Oncologic Amputees', International Society of Limb Salvage, 2019 Meeting, September 11-14
6. 'ARST 1321: Pazopanib Neoadjuvant Trial in Non-Rhabdomyosarcoma Soft Tissue Sarcomas: A Report of Major Wound Complications', International Society of Limb Salvage, 2019 Meeting, September 11-14
7. Mao G, **Scharschmidt T**, Iwenofu OH. (Poster Presentation) 'A Re-appraisal of Parosteal Osteosarcoma with Emphasis on Histopathologic Diagnosis: A Single Tertiary Institutional Experience.' United States and Canadian Academy of Pathology (USCAP), 108th Annual Meeting, Maryland, March 16-21, 2019
8. 'Musculoskeletal Oncology - Mechanism and Treatment of Pathologic Bone Disease', Aga Khan University Orthopedic Review Course 2019, Karachi, Pakistan
9. 'Musculoskeletal Oncology - Mechanism and Treatment of Pathologic Bone Disease', Aga Khan University Orthopedic Review Course 2018, Karachi, Pakistan
10. 'Orthoplastic Approach to Soft Tissue Sarcomas', International Society of Limb Salvage Surgeons, September 2011, Beijing, China
11. 'Intraoperative Radiotherapy for Extremity Soft Tissue Sarcoma', Poster Presenter, CTOS Annual Meeting, November 2010, Paris, France
12. 'Cystic and Hemorrhagic Soft Tissue Tumors Mimicking Hematomas: A Multi-Institutional Experience and Analysis of 11 Cases', November 2010, CTOS Annual Meeting, Paris, France
13. 'Analysis of Gene Expression in Slipped Capital Femoral Epiphysis, AOA/COA Annual Meeting', June 2008 Quebec City, Canada

NATIONAL LECTURES / PRESENTATIONS / COURSES TAUGHT

1. Stryker All Fellows Oncology Review Course, August 2022
2. 'Final Report on Wound Complications from ARST 1321'. COG. November 2021.
3. Stryker All Fellows Oncology Review Course, August 2021
4. 'Advances and Challenges of Limb Salvage in the Growing Child'. Grand Rounds and Tumor Course, University of Maryland. October 2020.
5. 'Understanding the Impact of Facility Type on Treatment Variation and Survival in Soft-Tissue Sarcomas of the Extremities: Is Centralization of Orthopaedic Cancer Care Warranted?' Musculoskeletal Tumor Society (MSTS)

Annual Meeting. October 2020.

6. 'Affordable Care Act Improved Insurance Coverage and Early-Stage Diagnoses in Adult Orthopaedic Oncology.' In Musculoskeletal Tumor Society (MSTS) Annual Meeting. October 2020
7. 'Is Treatment at a High-Volume Center Associated with an Improved Survival for Primary Malignant Bone Tumors?' Malik AT, Alexander JH, Khan SN, Scharschmidt TJ; Mid-America Orthopaedic Association (MAOA) Meeting. April 2020.
8. 'What Are the Costs of Hip Osteoarthritis in the Year Prior to a Total Hip Arthroplasty?' Malik AT, Alexander JH, Li DD, Li M, Khan SN, Scharschmidt TJ; Mid-America Orthopaedic Association (MAOA) Meeting. April 2020.
9. 'Value-Based Bundled Payments for Hip Fractures: Where will Pathologic/Neoplastic Hip fractures go?' Malik AT, Alexander JH, Khan SN, Scharschmidt TJ; American Academy of Orthopaedic Surgeons (AAOS) Meeting. March 2020.
10. 'Meeting Declining Trend in Medicare Physician Reimbursements for Orthopaedic Oncology.' Malik AT, Alexander JH, Khan SN, Scharschmidt TJ; American Academy of Orthopaedic Surgeons (AAOS) March 2020.
11. 'Meeting Is Treatment at a High-Volume Center Associated with an Improved Survival for Primary Malignant Bone Tumors?' Malik AT, Alexander JH, Khan SN, Scharschmidt TJ; American Academy of Orthopaedic Surgeons (AAOS) March 2020.
12. 'Revision of an infected total hip arthroplasty: the need for the adjustment of risk in bundled payment models for revision arthroplasty.' Malik AT, Li M, Scharschmidt TJ, Khan SN; Poster Presentation. American Academy of Orthopaedic Surgeons (AAOS) Meeting. April 2020.
13. 'The Affordable Care Act (ACA) Increased Insurance Coverage and Early-Stage Diagnoses in Adult Orthopaedic Sarcomas.' Malik AT, Alexander JH, Khan SN, Scharschmidt TJ; Presenter: Azeem Tariq Malik, MBBS; Oct 2019 Musculoskeletal Tumor Society Meeting (MSTS)
14. 'Does Facility Type Influence Treatment Patterns and Overall Survival in Malignant Soft Tissue Sarcomas: Is Centralization of Orthopaedic Cancer Care warranted?' Poster Presenter; Oct 2019 Musculoskeletal Tumor Society Meeting (MSTS)
15. Stryker All Fellows Oncology Review Course, August 2019
16. 'Are Joint Surgeons Being Adequately Compensated for Single-Component versus Double-Component Revision TKA? An Analysis of Relative Value Units.' Malik AT, Scharschmidt TJ, Li M, Khan SN. Presenter: Azeem Tariq Malik, MBBS; April 2019 Mid-America Orthopaedic Association (MAOA) Meeting
17. 'Update on Periosteal Expansion Research', MSTS Specialty Day, AAOS Annual Meeting, March 2019
18. 'Management of Pediatric Bone Tumors', AAOS Annual Meeting, March 2019, New Orleans, LA
19. 'Are Joint Surgeons Being Adequately Compensated for Single-Component versus Double-Component Revision TKA? An Analysis of Relative Value Units.' Malik AT, Scharschmidt TJ, Li M, Khan SN.; Presenter: Azeem Tariq Malik, MBBS; March 2019 American Academy of Orthopaedic Surgeons (AAOS) Meeting
20. 'Wound Complications on ARST 1321: A Report of Preliminary Results', Poster Presenter, CTOS Annual Meeting, November 2018
21. 'Targeted Muscle Reinnervation in Oncologic Amputees', Poster Presenter, CTOS Annual Meeting, November 2018
22. 'Use of Dual Mobility in Complex Acetabular Reconstruction', Poster Presenter, CTOS Annual Meeting, November 2018
23. 'Wound Complications on ARST1321', COG Semiannual Meeting, October 2018, Dallas, TX

24. 'Targeted Muscle Reinnervation in Oncologic Amputees', Poster Presenter, MSTS Annual Meeting, October 2018
25. 'Use of Dual Mobility in Complex Acetabular Reconstruction', Poster Presenter, MSTS Annual Meeting, October 2018
26. Stryker All Fellows Oncology Review Course, August 2018
27. 'Update on Pazopanib Trial', NRG Semiannual Meeting, July 2018, Philadelphia, PA
28. 'Characterization and optimization of an in vitro periosteal expansion model: a strategy for managing segmental bone defects.' In American Academy of Orthopaedic Surgeons Annual Meeting. 2018
29. 'Management of Pediatric Bone Tumors', ICL, March 2018, AAOS Annual Meeting, New Orleans, LA
30. Stryker All Fellows Oncology Review Course, August 2017
31. 'Update on Surgical Safety for Maintenance of Certification Course', American College of Surgeons, October 2017, San Diego, CA
32. 'Update on RTOG Study', MSTS Specialty Day, AAOS Annual Meeting, March 2017, San Diego, CA
33. 'Treatment of Pediatric Neoplasms', AAOS Annual Meeting, March 2017, San Diego, CA
34. 'Management of Pediatric Bone Tumors', ICL, AAOS Annual Meeting, March 2017, San Diego, CA
35. 'Diagnosis and management of soft-tissue masses'. Instr Course Lect, 64, 95-103 (2015)
36. 'Update on RTOG Study', MSTS Specialty Day, AAOS Annual Meeting, October 2014, Huston, TX
37. 'Soft Tissue Lumps and Bumps: Tips to Stay Out of Trouble', ICL, AAOS Annual Meeting, March 2014, New Orleans, LA
38. 'Utilization of Human Periosteum to Promote New Tissue Formation in Allograft Bone', Poster Presenter, Orthopaedic Research Society, 2013
39. 'Soft Tissue Lumps and Bumps: Tips to Stay Out of Trouble', ICL, AAOS Annual Meeting, March 2013, Chicago, IL
40. 'Soft Tissue Lumps and Bumps: Tips to Stay Out of Trouble', AAOS Annual Meeting, February 2012, San Francisco, CA
41. 'Orthoplastic Approach to Soft Tissue Sarcomas', 2011 MSTS Annual Meeting
42. 'Metastatic Disease to the Pelvis', 2011 Mid-American Orthopaedic Association Conference
43. 'Functional Outcomes after Internal and External Hemipelvectomy in Patients with Sarcomas', Poster Presenter, 2011 AAOS Annual Meeting
44. 'Functional Outcomes after Internal and External Hemipelvectomy in Patients with Sarcomas', Poster Presenter, 2011 ORS Meeting
45. 'Exuberant Fracture Callus Mimicking Chondrosarcoma: A Potential Pitfall', Poster Presenter, 2010 MSTS Annual Meeting
46. 'Evaluation of Failure of Uncemented Oncologic Reconstructions About the Knee at Early Term Follow-up', Poster Presenter, 2009 MSTS Annual Meeting
47. 'Evaluation of the Initial Stability of Press fit Stems in Oncologic Reconstructions', Poster Presenter, 2009 MSTS Annual Meeting
48. 'Extreme Enchondromatosis', Poster Presenter, 2009 MSTS Annual Meeting
49. 'Conversion of Failed Cemented Stem to Press Fit Stems in Oncologic Reconstructions', Poster Presenter, 2009

MSTS Annual Meeting

50. 'Soft Tissue Neoplasms Masquerading as Hematomas', Poster Presenter, 2009 MSTS/ISOLS Annual Meeting
51. 'Evaluation of the Initial Stability of Press fit Stems in Oncologic Reconstructions', 2009 ISOLS Annual Meeting
52. 'Evaluation of Failure of Uncemented Oncologic Reconstructions About the Knee at Early Term Follow-up', Poster Presenter, 2009 ISOLS Annual Meeting
53. 'Extreme Enchondromatosis', Poster Presenter, 2009 ISOLS Annual Meeting
54. 'Conversion of Failed Cemented Stem to Press Fit Stems in Oncologic Reconstructions', Poster Presenter, 2009 ISOLS Annual Meeting
55. 'Soft Tissue Neoplasms Masquerading as Hematomas', Poster Presenter, 2009 ISOLS Annual Meeting
56. 'Analysis of Connective Tissue Growth Factor (CTGF) Expression in Aggressive Fibromatosis', Poster Presenter 2008 Mid-American Orthopaedic Association Annual Meeting
57. 'Analysis of Gene Expression in Slipped Capital Femoral Epiphysis', Poster Presenter, 2007 AAOS Annual Meeting
58. 'Identification of Diagnostic Markers for Human Chondrosarcoma', 2007 Mid-American Orthopaedic Association Annual Meeting
59. 'Analysis of Gene Expression in Slipped Capital Femoral Epiphysis', 2006 American Academy of Pediatrics Annual Meeting
60. 'Analysis of Gene Expression in Slipped Capital Femoral Epiphysis', 2006 Mid-American Orthopaedic Association Annual Meeting

REGIONAL LECTURES / PRESENTATIONS / COURSES TAUGHT

1. 'Soft Tissue Sarcomas', 2014 Med Central Health Systems (Grand Rounds)
2. 'Soft Tissue Benign Masses', 2013, Summa Health System
3. 'Treatment of Soft Tissue Sarcomas', 2012, Springfield Regional Medical Center (Grand Rounds)
4. 'State of the Art Treatment of Extremity and Pelvic Sarcoma', 2011, Licking Memorial Hospital
5. 'Pelvic and Extremity Sarcoma', 2010, Southern Ohio Medical Center, Orthopaedics, (Grand Rounds)
6. 'Analysis of Connective Tissue Growth Factor (CTGF) Expression in Aggressive Fibromatosis', 2008, Summa Postgraduate Research Day
7. 'Identification of Diagnostic Markers for Human Chondrosarcoma', 2007, Cleveland Orthopaedic Research Day
8. 'Analysis of Gene Expression in Slipped Capital Femoral Epiphysis', 2007, Cleveland Orthopaedic Society Resident Essay Contest

LOCAL LECTURES / PRESENTATIONS / COURSES TAUGHT

1. 'Challenging Cases in Orthopedic Pathology: Pitfalls and Pearls', Sept 2019, The Ohio State University
2. 'Translation of Virtual Surgical Planning', Sept 2019, Nationwide Children's Hospital
3. 'Surgical Guides to Pediatric Surgery', Sept 2019, Nationwide Children's Hospital
4. Depuy Future Leaders, 2018, The Ohio State University College of Medicine
5. Musculoskeletal Medicine Block, Second Year Medical Students, 2018, The Ohio State University,
6. 100 Orthopaedic Pathology Review Course, 2018, The Ohio State University

7. Basic Science Lectures, Medical Students, 2018, The Ohio State University
8. Orthopaedic Surgery Lectures, 2018, The Ohio State University
9. Depuy Future Leaders, 2017, The Ohio State University College of Medicine
10. Musculoskeletal Medicine Block, Second Year Medical Students, 2017, The Ohio State University,
11. 100 Orthopaedic Pathology Review Course, 2017, The Ohio State University
12. Basic Science Lectures, Medical Students, 2017, The Ohio State University
13. Orthopaedic Surgery Lectures, 2017, The Ohio State University
14. Musculoskeletal Medicine Block, Second Year Medical Students, 2016, The Ohio State University
15. 100 Orthopaedic Pathology Review Course, 2016, The Ohio State University
16. Basic Science Lectures, Medical Students, 2016, The Ohio State University
17. Orthopaedic Surgery Lectures, 2016, The Ohio State University
18. Musculoskeletal Medicine Block, Second Year Medical Students, 2015, The Ohio State University,
19. 100 Orthopaedic Pathology Review Course, 2015, The Ohio State University
20. Basic Science Lectures, Medical Students, 2015, The Ohio State University
21. Orthopaedic Surgery Lectures, 2015, The Ohio State University
22. Musculoskeletal Medicine Block, Second Year Medical Students, 2014, The Ohio State University,
23. 100 Orthopaedic Pathology Review Course, 2014, The Ohio State University
24. Basic Science Lectures, Medical Students, 2014, The Ohio State University
25. Orthopaedic Surgery Lectures, 2014, The Ohio State University
26. Management of Pediatric Bone Sarcomas, 2013, Nationwide Children's Hospital
27. 'Surgical Management of Pediatric Bone Sarcomas', 2013, Nationwide Children's Hospital
28. Musculoskeletal Medicine Block, Second Year Medical Students, 2013, The Ohio State University,
29. 100 Orthopaedic Pathology Review Course, 2013, The Ohio State University
30. Basic Science Lectures, Medical Students, 2013, The Ohio State University
31. Orthopaedic Surgery Lectures, 2012, The Ohio State University
32. Musculoskeletal Medicine Block, Second Year Medical Students, 2012, The Ohio State University,
33. 100 Orthopaedic Pathology Review Course, 2012, The Ohio State University
34. Basic Science Lectures, Medical Students, 2012, The Ohio State University
35. Soft Tissue Sarcoma, 2012, Summa Health System
36. Management of Pediatric Bone Sarcomas, 2012, Nationwide Children's Hospital
37. Surgical Management of Pediatric Bone Sarcomas, 2012, Nationwide Children's Hospital
38. Orthopaedic Surgery Lectures, 2011, The Ohio State University

39. Musculoskeletal Medicine Block, Second Year Medical Students, 2011, The Ohio State University,
40. 100 Orthopaedic Pathology Review Course, 2011, The Ohio State University
41. Basic Science Lectures, Medical Students, 2011, The Ohio State University
42. Management of Pediatric Bone Sarcomas, 2011, Nationwide Children's Hospital
43. Surgical Management of Pediatric Bone Sarcomas, 2011, Nationwide Children's Hospital
44. Orthopaedic Surgery Lectures, 2010, The Ohio State University
45. Musculoskeletal Medicine Block, Second Year Medical Students, 2010, The Ohio State University,
46. 100 Orthopaedic Pathology Review Course, 2010, The Ohio State University
47. Basic Science Lectures, Medical Students, 2010, The Ohio State University
48. Management of Pediatric Bone Sarcomas, 2010, Nationwide Children's Hospital
49. Surgical Management of Pediatric Bone Sarcomas, 2010, Nationwide Children's Hospital

PUBLISHED WORKS

EDITORIAL BOARD

2012 – Present	Journal of Bone and Joint Surgery, Reviewer
2012 – Present	Journal of Surgical Oncology, Editorial Board
2012 – Present	Journal of Surgical Oncology, Reviewer
2012 – Present	BMC Cancer, Associate Editor
2012 – Present	BMC Cancer, Reviewer
2011 – Present	Clinical Orthopaedics and Related Research, Reviewer
2015	International Journal of Academic Medicine, Editorial Board

CHAPTERS IN EDITED BOOKS

1. Pizzo and Poplack's Pediatric Oncology, 8th edition
2. Palliation for Soft Tissue Sarcoma. Ravi Chokshi, MD, **Tom Scharschmidt**, MD, Patrick L. Quinn, BS, William Kraybill, MD. Published 2019
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