

3533 MATLOCK RD ARLINGTON, TX 76015  
PHONE (614) 512-9441 • E-MAIL NIEDERMEIER.8@GMAIL.COM

# STEVEN R. NIEDERMEIER, MD

## FAAOS

TMI Sports Medicine & Orthopedic Surgery  
Orthopedic Surgeon Specializing in Hand, Upper Extremity, and Peripheral Nerve Surgery  
Board Certified

### PERSONAL DATA

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Date of Birth: January 21, 1989  
Marital Status: Married to Erin Barker Niedermeier  
Children: Dylan Peri 4-year-old  
Brayden Richard 1-year-old

### EDUCATION

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2020-2021	OrthoCarolina Hand Center Hand and Upper Extremity Surgery Fellowship	Charlotte, NC
2015-2020	Ohio State University Wexner Medical Center Orthopaedic Surgery Resident Physician	Columbus, OH
2011-2015	Ohio State University College of Medicine Degree: Doctor of Medicine	Columbus, OH
2007-2011	Ohio State University Degree: Bachelor of Science in Biology Cum Laude	Columbus, OH
2003-2007	Milford Senior High School Summa Cum Laude	Milford, OH

### HONORS/AWARDS

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<b>Top Doctor</b> Fort Worth Magazine Southlake Style Magazine Tops in Tarrant County	2022, 2023, 2024
<b>ASSH Annual Meeting 2021 Video Theater – 2<sup>nd</sup> Place</b> Transfer of the Opponens Pollicis Motor Branch to the Terminal Deep Branch of the Ulnar Nerve to Restore Pinch	2021

<b>Ohio State Department of Orthopaedic Surgery</b>	
Resident Teacher of the Year	2019-2020
<b>Administrative Chief Resident</b>	2019-2020
<b>Mid-America Orthopaedic Association Education Grant</b>	2019
<b>ASSH Annual Meeting Scholarship Recipient</b>	2018-2020
<b>ASSH Inaugural Resident/Fellow Quiz Bowl Champion</b>	
Team Full Speed Astern	2018
<b>Ohio State Hand Symposium Resident Quiz Bowl Champion</b>	
Team Ohio State Orthopaedic Surgery	2019
Team Ohio State Orthopaedic Surgery	2018
<b>Ohio State University Wexner Medical Center</b>	
Outstanding Housestaff of the Year	2017
<b>Ohio State University College of Medicine</b>	
John B Roberts, MD, Award	2015
Gold Humanism Honors Society	2015
Landacre Research Honors Society	2015

#### ACTIVITIES/PROFESSIONAL MEMBERSHIPS

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American Academy of Orthopaedic Surgery, Faculty	2025-present
American Society for Peripheral Nerve, Member	2025-present
ASSH Young Leaders Program	2024
United Musculoskeletal Partners National Physician Leadership Board	2023-2024
Chairman Innovation/Growth Subcommittee	
American Academy of Orthopaedic Surgery, Member	2023-present
American Association for Hand Surgery, member	2021-present
Education/Social Media Committee Member	2023-present
Webinar Committee Member	2023-present
American Society for Surgery of the Hand, candidate member	2018-present
Adrian E Flatt Resident/Fellow Committee	2023-present
GME Orthopaedic Residency Reaccreditation Self-Study	2017-2020
Mid America Orthopaedic Association, Member	2016-2020
American Academy of Orthopaedic Surgery, member	2015-present
Gold Humanism Honors Society	2015-present
American Medical Association	2011-present

#### CERTIFICATION AND LICENSURE

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American Board of Orthopedic Surgery	2023-present
Texas Medical Board (T1491)	2021-present
Mayo Microvascular Training Center Certification	2020-present
State Medical Board of Ohio (35.133120)	2018-present
North Carolina Medical Board (2020-00228)	2020-present

## PUBLICATIONS/PRESENTATIONS

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### Chapters

**Niedermeier SR**, Awan HM (2018) Mallet Finger. In: Eltorai A., Akelman E. C. (eds) Orthopaedic Hand Trauma. Springer, Cham

**Niedermeier SR**, Awan HM (2018) Jersey Finger. In: Eltorai A., Akelman E. C. (eds) Orthopaedic Hand Trauma. Springer, Cham

**Niedermeier SR**, Awan HM (2017) Dupuytren Disease (Contracture). In: Eltorai A., Ebersson C., Daniels A. (eds) Orthopedic Surgery Clerkship. Springer, Cham

### Scientific Papers

**Niedermeier SR**. The Use of the NX Nail for a Fourth Metacarpal Osteotomy with Open Reduction and Internal Fixation for Correction of Malunion. Case Report 2024.

**Niedermeier SR**. Use of CHECKPOINT NEUROSHIELD Chitson Membrane in Revision Open Carpal Tunnel Surgery. Case Report 2023.

**Niedermeier SR**. Use of CHECKPOINT NEUROSHIELD Chitson Membrane in a Nerve Protecting Tenodesis. Case Report 2023.

**Niedermeier SR**, Loeffler BJ, Gaston RG. Targeted muscle reinnervation, regenerative nerve techniques aid trans-radial amputation. Feb 2021 *Orthopaedics Today*.

**Niedermeier SR**, Frantz TL, Awan H. Chronic Monteggia Fracture-Dislocation Malunion Resulting in Distal Radial Ulnar Joint Dislocation After 10 years. Oct 2020. *Orthopaedics Today*.

**Niedermeier SR**, Crouser N, Hidden K, Jain S. Pain Management Following Open Reduction Internal Fixation (ORIF) of Distal Radius Fractures. *J Wrist Surg* 2021;10:27-30.

**Niedermeier SR** and Samora JB. A Comparison of Adjuvant Techniques on Setting Time of Octyl-2-Cyanoacrylate (DERMABOND® Advanced). *Tech Orthop* 2020;35(1):63-6.

**Niedermeier SR**, Pettit RP, Frantz TL, Colvell K, Awan H. Early Post-operative Improvement in Sleep and Pain after Carpal Tunnel Release. *Hand (N Y)* 2020;15(3):311-14.

Plummer D, Passen E, Alexander J, Vajapey S, Frantz TL, **Niedermeier SR**, Pettit RJ, Scharschmidt T. Rapid Return to Function and Dual Mobility Components Cemented into an Acetabular Reconstructive Cage for Large Osseous Defects in the Setting of Periacetabular Metastatic Disease. *J Surg Oncol* 2019;119(8):1155-60.

Frantz TL, Meschbach N, **Niedermeier SR**, Pettit RJ, Plummer D, Harrison RK. Factors Influencing Time to Union in Diaphyseal Humerus Fractures after Plate Fixation. *Curr Orthop Pract* 2019; 30(6):544-7.

Cerier E, Jain N, Lenobel S, **Niedermeier SR**, Stammen K, Yu E. Smoking is associated with one year sub-optimal patient reported outcomes after two-level anterior cervical fusion. *Clin Spine Surg* 2019;32(4):175-8.

**Niedermeier SR**, Iwenofu OH, and Mayerson J. Synovial Chondromatosis of the Iliopsoas Tendon Sheath. *Curr Orthop Pract* 2019;30(2):93-6.

**Niedermeier SR**, Crouser N, Speeckaert A, Goyal K. A survey of fellowship-trained upper extremity surgeons on treatment of lateral epicondylitis. *Hand (N Y)* 2019;14(5):597-601.

**Niedermeier SR**, Virk S, Khan SN. Clinical outcomes of single-level anterior cervical discectomy and fusion (ACDF). *Int J Spine Surg*. 2018;12(2):149-53.

**Niedermeier SR** and Khan SN. Polytrauma Patients with Associated Spine Fractures: An Assessment of Surgical Intervention on Patient Outcome. *Clin Spine Surg* 2017;(1):e38-E43.

Deutch, Z, **Niedermeier SR**, and Awan H. Surgeon Preference, Influence, and Treatment of Thumb Carpometacarpal (CMC) Arthritis. *Hand (N Y)* 2017;13(4):403-11.

**Niedermeier SR**, Przybylowicz R, Virk SS, Stammen K, Eiferman D, Khan SN. Predictors of discharge to an inpatient rehabilitation facility after a single-level posterior spinal fusion procedure. *Eur Spine J* 2016;26(3):771-76.

Dodwad SN, **Niedermeier SR**, Yu E, Ferguson TA, Klineberg EO, Khan SN. The Morel-Lavallée lesion revisited: management in spinopelvic dissociation. *Spine J* 2015;15(6):e45-51.

Virk SS, **Niedermeier SR**, Yu E, Khan SN. Adjacent segment disease. *Orthopedics*. 2014;37(8):547-55.

**Niedermeier SR**, Apostel A, Bhatia S, Khan SN. Cost Estimates of Biologic Implants Among Orthopedic Surgeons. *Am J Orthop*. 2014;43(1):25-28.

### **Presentations**

Sonex: Integrating MSK Ultrasound into Your Hand Surgery Practice, Course Faculty  
April 2024 St Louis, MO

“Use of 3D Printing in Distal Radius Corrective Osteotomies” Lecturer  
2024 ASSH Annual Meeting  
Sept 2024 Minneapolis, MN

“Academic v. Private Practice v. Hospital-based Practice” Panelist  
ASSH 42<sup>nd</sup> Adrian E Flatt Resident and Fellows Conference  
Sept 2024 Minneapolis, MN

Sonex MSK Ultrasound Forum  
ASSH 42<sup>nd</sup> Adrian E Flatt Resident and Fellows Conference  
Sept 2024 Minneapolis, MN

Acumed ELiTE Advanced Hand & Wrist for Chief Residents, Course Faculty  
April 2024 Las Vegas, NV

Arthrex Hand & Wrist Fellowship Forum, Course Faculty  
April 2024 Naples, FL

Sonex: Integrating MSK Ultrasound into Your Hand Surgery Practice, Course Faculty  
April 2024 Scottsdale, AZ

“Live CTR & TFR Procedures and Discussion Regarding Integrating MSK Ultrasound into Your Hand Surgery Practice”  
Presenting in 2024 at 2024 AAHS Annual Meeting, Baha Mar, Nassau, Bahamas

“Algorithm for Management of Scaphoid Fractures and Non-unions”  
Presented in 2023 at Annual TCOPA Conference Grapevine, TX

“Zone I and Zone III Extensor Tendon Injuries & Management”  
Presented in 2023 at DFW Hand Society, Colleyville, TX

“Revolutionizing the Field of Peripheral Nerve Repair: Harnessing the Benefits of Chitosan as a Novel Biomaterial.” July 2023.

“New Technologies in Peripheral Nerve Surgery” Nerve Master Lecture Series  
March 2023

“Common Hand Injuries in Worker’s Compensation”  
Athletico Worker’s Compensation CEU Event, Dallas, TX

“Peripheral Nerve Injury and Treatment in the Upper Extremity”  
DFW Hand Society, Las Colinas, TX

“When Do You Need a Hand Surgeon?”  
Robson Ranch Argyle, TX

“Proximal Pole Scaphoid Non-unions: Case Presentation and Discussion”  
Presented in 2021 at the 1<sup>st</sup> Annual Charlotte & Duke Combined Hand Fellowship Meeting, Durham, NC

“Zone I and Zone III Extensor Tendon Injuries & Management”  
Presented in 2021 at OrthoCarolina Hand Center, Charlotte, NC

“On-top Plasty and Thumb Metacarpal Lengthening”  
Presented in 2020 at the Virtual Hand Surgery Fellowship Debate

“Grand Rounds: Peripheral Nerve Injury and Treatment in the Upper Extremity”  
Presented in 2020 at Ohio State University Wexner Medical Center, Columbus, OH

“Early Post-operative Improvement in Sleep and Pain after Carpal Tunnel Release”  
Presented at the 2019 MAOA Annual Meeting, Miramar Beach, FL  
Presented at the 2018 Inaugural Ohio State Univ Hand & Upper Extremity Symposium,  
Columbus, OH

“Dual Mobility Components Cemented into an Acetabular Reconstructive Cage for Large  
Osseous Defects in the Setting of Periacetabular Metastatic Disease”  
Presented at the 2019 MAOA Annual Meeting, Miramar Beach, FL

“Pain Management for Distal Radius Fracture Open Reduction Internal Fixation”  
Presented at the 2018 AAHS Annual Meeting, Phoenix, AZ

“A Survey of Fellowship-trained Upper Extremity Surgeons on Treatment of Lateral  
Epicondylitis”  
Presented at the 2017 Ohio State Dept. of Orthopaedic Surgery 45<sup>th</sup> Annual Mallory-  
Coleman Research Day, Columbus, OH

“The Effect of Smoking on Two-level Anterior Cervical Discectomy and Fusion”  
Presented at the 2017 ISASS Annual Meeting, Boca Raton, FL  
Presented at the 2016 MAOA Annual Meeting, Amelia Island, FL

“The Impact of Payer Characteristics Upon Quality of Care for Patients Undergoing Lumbar  
Spinal Fusion.”  
Presented at the 2016 OREF Annual Meeting, Columbus, OH  
Presented at the 2016 Ohio State Dept. of Orthopaedic Surgery 43<sup>rd</sup> Annual Mallory-  
Coleman Research Day, Columbus, OH

“Predictors of discharge to an inpatient rehabilitation facility after a single-level posterior  
spinal fusion procedure.”

Presented at the 2015 Ohio State Dept. of Orthopaedic Surgery 42<sup>nd</sup> Annual Mallory-  
Coleman Research Day, Columbus, OH

### **Poster Presentations**

“Biomechanics of EIP Opponensplasty”  
Presented at the 2022 Orthopaedic Research Society Annual Meeting

“Comparison of Complications after Thumb Metacarpophalangeal Joint Radial Collateral  
Ligament Versus Ulnar Collateral Ligament Repair”  
Presented at the 2020 ASSH Annual Meeting, San Antonio, TX

“Dual Mobility Components Cemented into an Acetabular Reconstructive Cage for Large  
Osseous Defects in the Setting of Periacetabular Metastatic Disease”

Presented at the 2018 CTOS Annual Meeting, Rome, Italy

“A Comparison of Adjuvant Techniques on Setting Time of Octyl-2-Cyanoacrylate (DERMABOND® Advanced)”

Presented at the 2018 ASSH Annual Meeting, Boston, MA

“Pain Management for Distal Radius Fracture Open Reduction Internal Fixation”

Presented at the 2017 ASSH Annual Meeting, San Francisco, CA

“Early Post-operative Improvement in Sleep and Pain after Carpal Tunnel Release”

Presented at the 2018 AAHS Annual Meeting, Phoenix, AZ

“A Survey of Fellowship-trained Upper Extremity Surgeons on Treatment of Lateral Epicondylitis”

Presented at the 2017 ASSH Annual Meeting, San Francisco, CA

“Surgeon Preference, Influence, and Treatment of Thumb Carpometacarpal (CMC) Arthritis”

Presented at the 2017 ASSH Annual Meeting, San Francisco, CA