

Matthew W. Wilkening, MD

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Board Certification

-American Board of Orthopaedic Surgery - 12/2021

Education

-Fellow in Spine Surgery, **Johns Hopkins Hospital** - 07/2019
-Resident in Orthopaedic Surgery, **Spectrum Health/Michigan State University** - 06/2018
-Doctor of Medicine, **University of Cincinnati College of Medicine** - 06/2013
-Bachelor of Science, Political Science, **The United States Naval Academy** - 05/2000

Military Experience

- Officer, US Navy, US Naval Reserve - 2000 - 2022
- **Commanding Officer** - Operational Support Unit, NOSC Cincinnati - 2011 - 2013
- **Naval Aviator**- T-45A/C, S-3B; 1609 HOURS/206 ARRESTED LANDINGS - 2000 - 2008
- Advanced Strike Flight Instructor, *US Navy (Training Air Wing-1)* - 2006 - 2008
- Mission Commander - Sea Control Squadron 31; Carrier Air Wing 7 - 2004 - 2006
- Deployed - USS George Washington, *Operation Iraqi Freedom* 2004

Awards

- Medical:
 Intern of the Year, Michigan State University, Orthopaedic Surgery - 06/2014
- Select Military Decorations:
 Navy Achievement Medal (gold star in lieu of 3rd award) - 06/2012
 Navy Battle 'E' Award - 05/2005
 Expert Pistol Medal - 07/1996
- Creative Writing:
 Finalist, *The Iowa Review* Award in Creative Nonfiction - 06/2011

Recent Research

-Harris AB, Wilkening MW, Neuman BJ. *Adult Lumbar Disk Herniation: Diagnosis, Treatment, Complications, Outcomes, and Evidence-Based Data for Patient and Health Professional Counseling. Instructional Course Lectures*, 2021.
-Harris AB, Wilkening MW, Kebaish, KM. *Caudally directed upper-instrumented vertebra pedicle screws associated with minimized risk of proximal junctional failure in patients with long posterior spinal fusion for adult spinal deformity. Spine Journal*, July 2021.
- Wilkening MW, Pelle D, Nester J, Khoriaty J, Russo S. *Staggered Instrumentation in Adults Undergoing Posterior Spinal Fusion: a Novel Technique for Soft Tissue Preservation and Prevention of Proximal Junctional Kyphosis. (AOSpine Global Spine Congress annual meeting, Singapore, May, 2018)*
- Russo S, Wilkening MW, Nester J. *U-type Sacral Fracture and Hardware Failure After Posterior Spinal Corrective Surgery Using S2-Alar-Iliac (S2AI) Fixation in a Patient with Osteoporosis. (Scoliosis Research Society annual meeting, September, 2017)*