

Carmen Quatman, MD, PhD, is a tenured Associate Professor at The Ohio State University with dual appointments in Orthopaedics and Emergency Medicine, and an internationally recognized surgeon-scientist in trauma, aging, and health-system transformation. She leads large-scale, pragmatic, patient-centered trials and implementation science initiatives that integrate biomechanics, human performance, and learning health system principles, including directing and co-directing multi-million-dollar federally funded studies. Dr. Quatman has held significant institutional leadership roles, including Vice Chair for Quality in Orthopaedics and Director of the LIFT Lab (Leading Improvement Focused Teams). She is currently the Director of Research for FAME in the College of Medicine at The Ohio State University and is President of the International Geriatric Fracture Society. Her work focuses on improving recovery and resilience for aging adults, optimizing healthcare workforce performance, and building sustainable research and mentoring ecosystems that bridge bench science, clinical care, and operational leadership.