

Gary Updegrove, MD, Chief of Shoulder and Elbow Surgery at Penn State Health, is an associate professor of orthopaedic surgery specializing in shoulder and elbow surgery and orthopaedic trauma. A State College native, Dr. Updegrove earned his Bachelor of Science degree at The Pennsylvania State University. He then graduated from Penn State College of Medicine in Hershey, Pa., and completed his residency training in orthopaedic surgery at Penn State Health Milton S. Hershey Medical Center. After residency, Dr. Updegrove pursued two additional years of subspecialty training - a fellowship in orthopaedic trauma at Carolinas Medical Center, followed by a second subspecialty fellowship in shoulder and elbow surgery at The Rothman Institute at Thomas Jefferson University. Dr. Updegrove now serves as the associate program director of the orthopaedic surgery residency program at Penn State Health.

Dr. Updegrove's clinical practice focuses on reconstruction of degenerative conditions or traumatic injuries of the shoulder and elbow. He specializes in upper extremity surgery, including anatomic and reverse total shoulder arthroplasty, elbow replacements, complex fracture management, repair of fracture nonunions, rotator cuff repair, as well as shoulder and elbow arthroscopy.