Bradley S. Schoch, MD

Professor of Orthopedic Surgery | Shoulder & Elbow Surgery

ACADEMIC RANK AND POSITION

Professor of Orthopedic Surgery – Mayo Clinic College of Medicine and Science 11/2024 – Present
Vice Chair, Research and Innovation – Department of Orthopedic Surgery, Mayo Clinic Florida 02/2025 – Present
Consultant – Department of Orthopedic Surgery, Mayo Clinic Florida 07/2022 – Present
Previously: Director of Research, Mayo Clinic Florida (2022–2025); Associate Professor, Mayo Clinic (2020–2024); Senior Associate Consultant, Mayo Clinic Florida (2019–2022); Assistant Professor, University of Florida (2016–2019)

TRAINING

Residency, Orthopedic Surgery, Mayo School of Graduate Medical Education, Rochester, MN 2010 – 2015
Fellowship, Shoulder & Elbow Surgery, Rothman Institute, Thomas Jefferson University, Philadelphia, PA 2015 – 2016
MD, University of Iowa Carver College of Medicine (Alpha Omega Alpha) 2006 – 2010
BSE, Iowa State University, Construction Engineering 2004 – 2006
Board certified, American Board of Orthopaedic Surgery (2018 – Present) | Florida medical license (2015 – Present)

PUBLICATIONS

239 peer-reviewed articles (41 first-author, 51 senior-author), 11 book chapters, 2 non-peer-reviewed articles. Research focus: shoulder arthroplasty outcomes, patient-reported outcome benchmarks, deltoid and radiomic modeling, machine-learning outcome prediction. Selected, most recent first:

- Henderson AP, Moore ML, Holle AM, …, **Schoch BS**. Medicaid reimbursement for shoulder arthroplasty procedures is substantially lower than Medicare and decreasing when adjusted for inflation. J Shoulder Elbow Surg. 2026 Feb; 35 (2):643-653
- Hao KA, Elwell J, Wright TW, …, **Schoch BS**. Exactech Equinoxe anatomic vs. reverse total shoulder arthroplasty for primary osteoarthritis with an intact rotator cuff in patients with no glenoid deformity. J Shoulder Elbow Surg. 2025 Oct; 34 (10):2385-2393
- Hao KA, Elwell J, Traverse JM, …, **Schoch BS**. Pain relief survivorship: a comparison of Exactech Equinoxe anatomic and reverse total shoulder arthroplasty for primary osteoarthritis. J Shoulder Elbow Surg. 2025 Jun; 34 (6):1514-1524
- Hao KA, Kakalecik J, Wright JO, …, **Schoch BS**. Thresholds for diminishing returns in postoperative range of motion after total shoulder arthroplasty. J Shoulder Elbow Surg. 2025 Mar; 34 (3):715-725
- Hao KA, Hones KM, Elwell J, …, **Schoch BS**. Anatomic Versus Reverse Total Shoulder Arthroplasty for Primary Osteoarthritis With an Intact Rotator Cuff: A Midterm Comparison of Early Top Performers. J Am Acad Orthop Surg. 2024 Nov 1; 32 (21):e1102-e1110
- Nieboer MJ, Hao KA, Tams C, …, **Schoch BS**. Quantifying success after reverse total shoulder arthroplasty: the minimal clinically important percentage of maximal possible improvement. J Shoulder Elbow Surg. 2023 Nov; 32 (11):2296-2302
- Hao KA, Tams C, Nieboer MJ, …, **Schoch BS**. Quantifying success after anatomic total shoulder arthroplasty: the minimal clinically important percentage of maximal possible improvement. J Shoulder Elbow Surg. 2023 Apr; 32(4):688-694.
- Marigi EM, Hao KA, Friedman RJ, …, **Schoch BS**. Exactech Equinoxe anatomic versus reverse total shoulder arthroplasty for primary osteoarthritis: case controlled comparisons using the machine learning-derived Shoulder Arthroplasty Smart score. J Shoulder Elbow Surg. 2023 Apr; 32 (4):793-802
- King JJ, Wright L, Hao KA, …, **Schoch BS**. The Shoulder Arthroplasty Smart Score Correlates Well With Legacy Outcome Scores Without a Ceiling Effect. J Am Acad Orthop Surg. 2023 Jan 15; 31 (2):97-105
- Marigi EM, Tams C, King JJ, …, **Schoch BS**. Reverse Shoulder Arthroplasty After Prior Rotator Cuff Repair: A Matched Cohort Analysis. J Am Acad Orthop Surg. 2022 Feb 01; 30(3):e395-e404.

- **Schoch BS**, Vigan M, Roche CP et al. Deltoid fatigue part 2: a longitudinal assessment of anatomic total shoulder arthroplasty over time. J Shoulder Elbow Surg. 2022 Feb; 31 (2):e37-e47
- **Schoch BS**, Vigan M, Roche CP et al. Deltoid fatigue: a longitudinal assessment of reverse shoulder arthroplasty over time. J Shoulder Elbow Surg. 2021 Jun; 30 (6):1375-1383
- **Schoch BS**, Haupt E, Leonor T et al. Computer navigation leads to more accurate glenoid targeting during total shoulder arthroplasty compared with 3-dimensional preoperative planning alone. J Shoulder Elbow Surg. 2020 Nov; 29 (11):2257-2263
- **Schoch BS**, King JJ, Wright TW et al. Defining the tipping point for primary shoulder arthroplasty. JSES Open Access. 2019 Dec; 3 (4):273-277
- **Schoch BS**, Wright TW, Zuckerman JD et al. Glenoid component lucencies are associated with poorer patient-reported outcomes following anatomic shoulder arthroplasty. J Shoulder Elbow Surg. 2019 Oct; 28 (10):1956-1963
- **Schoch BS**, Barlow JD, Schleck C et al. Shoulder arthroplasty for atraumatic osteonecrosis of the humeral head. J Shoulder Elbow Surg. 2016 Feb; 25 (2):238-45
- **Schoch B**, Schleck C, Cofield RH, Sperling JW. Shoulder arthroplasty in patients younger than 50 years: minimum 20-year follow-up. J Shoulder Elbow Surg. 2015 May; 24 (5):705-10
- **Schoch B**, Allen B, Mileti J et al. Shoulder arthroplasty for the treatment of postinfectious glenohumeral arthritis. J Shoulder Elbow Surg. 2014 Sep; 23 (9):1327-33

Full bibliography available on request.

INVITED INTERNATIONAL FACULTY

Dubai Shoulder Course, Dubai, UAE (4 invited talks)	Oct 2026 (upcoming)
International Congress of Shoulder and Elbow Surgery (ICSES), Vancouver, Canada	Sep 2026
Berlin Shoulder Course, Berlin, Germany (session moderator and speaker)	Apr 2026
Paris Shoulder Course, Paris, France (session moderator and speaker)	Feb 2026
Berlin Shoulder Course, Berlin, Germany	Dec 2025
Berlin Shoulder Course, Berlin, Germany (session moderator and speaker)	Apr 2025
Paris Shoulder Course, Paris, France (session moderator and speaker)	Mar 2024

Also: Mayo Clinic Comprehensive Shoulder and Elbow Course (faculty, 2019–2024); ASES Annual Meeting session moderator (2025); regular podium and e-poster presenter at ICSES and SECEC.

SELECTED HONORS

Neviaser Award for Clinical Science, American Shoulder and Elbow Surgeons	2025
John & Marie Kelly Shoulder Award, Eastern Orthopaedic Association	2023
Best Podium Presentation, Orthopaedic Research Society	2022
Best Shoulder & Elbow Poster, American Academy of Orthopaedic Surgeons	2024
Charles S. Neer Award Finalist, American Shoulder and Elbow Surgeons	2019
Faculty Researcher of the Year (2017) and Faculty Teacher of the Year (2017, 2018), University of Florida	2017–18
Alpha Omega Alpha Medical Honor Society	2009

SERVICE AND LEADERSHIP

ASES Research Committee (2020–2025); American Board of Orthopaedic Surgery question writer (2021–2024); Chair, Department of Orthopedic Surgery Research, Mayo Clinic (2022–Present); Reviewer: Journal of Shoulder and Elbow Surgery, Journal of Bone and Joint Surgery, International Orthopaedics, European Journal of Orthopaedic Surgery and Traumatology. Principal Investigator, multicenter shoulder arthroplasty outcomes registry (2020–Present). Member: AAOS, ASES, SECEC.