

Justin J. Ernat, MD, MHA, FAAOS

Home Address:

7911 Mustang Loop Rd.
Park City, UT 84908
(815) 252-9486
justin.ernat@gmail.com

Work Address:

University of Utah Health
Orthopaedic Center
590 Wakara Way
Salt Lake City, UT 84108
(801) 587-7109

Work Experience:

SEP 2021 – present	University of Utah Health Department of Orthopaedics, Salt Lake City, UT – Sports Medicine Orthopedic Surgery
JUL 2016 – JUN 2020	Blanchfield Army Community Hospital, Fort Campbell, KY – Orthopedic Surgeon
OCT 2018 – JUN 2020	Martin & Tipton Inc., Canton, OH – Orthopedic Independent Medical Examiner
NOV 2017 – FEB 2020	Mercy Hospital Joplin, Joplin, MO – Orthopedic Trauma Surgeon
JUN – NOV 2019	Tennova Healthcare, Clarksville, TN – Orthopedic Trauma Surgeon

Education/Degrees/Certification:

JUL 2020 – JUL 2021	The Steadman Clinic/Steadman Philippon Research Institute, Sports Medicine Fellowship - Directors: Dr.'s Matthew Provencher and Marc Philippon - 181 W. Meadow Dr., St. 400, Vail, CO 81657; (970) 476-1100
JUL 2018	American Board of Orthopaedic Surgery – Board Certified Diplomate - 400 Silver Cedar Ct., Chapel Hill, NC 27514; (919) 929-7103
JUL 2011 – JUN 2016	Tripler Army Medical Center, Orthopedic Surgical Residency - Directors: Dr.'s John Tokish and Paul Ryan - 1 Jarrett White Rd., Tripler AMC, HI 96859; (808) 433-3557
MAR 2011 – JUN 2014	Rosalind Franklin University of Medicine and Science – Healthcare Administration and Management, MHA - 3333 Green Bay Rd., North Chicago, IL 60064; (847) 578-3000
AUG 2007 – JUN 2011	Rosalind Franklin University of Medicine and Science – Chicago Medical School, MD - 3333 Green Bay Rd., North Chicago, IL 60064; (847) 578-3000
AUG 2003 – MAY 2007	Illinois Wesleyan University, BA – Magna Cum Laude, Chemistry - 1312 Park St., Bloomington, IL 61701; (309) 556-1000

Honors/Awards/Achievements:

JUL 2021	2021 American Orthopedic Society for Sports Medicine Emerging Leaders Retreat Participant
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JUN 2020	Army Meritorious Service Medal
APR 2019	Army Commendation Medal with C-device -Exceptional service in assistance of the 102 nd Forward Surgical Team during Operation Inherent Resolve, Syria
JUN 2016	Army Commendation Medal -Exceptional achievement as an orthopedic surgery resident
JUL 2015, JUL 2016	Army Achievement Medal -Outstanding achievement as an orthopedic resident
FEB 2015	2015 Orthopedic Trauma Association (OTA), nominee for best clinical paper for "Fracture Classification Predicts Functional Outcomes in Supracondylar Humerus Fractures: A Prospective Study."
SEP 2015	American Society for Surgery of the Hand (ASSH)/Adrian E. Flatt Residents and Fellows Conference Annual Meeting Scholarship, recipient
MAR 2014	Shriner's Hospital for Children, International Pediatric Orthopedic Society (IPOS) Scholarship, recipient
JUN 2014	National Honor Society of Upsilon Phi Delta, Healthcare Administration and Management at Rosalind Franklin University of Medicine and Science, College of Health Professions
JUN 2011	Gold Humanism in Medicine Honor Society, Chicago Medical School at Rosalind Franklin University of Medicine and Science

Publications/Book Chapters:

Ernat JJ, Lee S. Editorial Commentary: Identifying the Large Glenoid Labrum Tear is not as Easy as it Seems. *Arthroscopy*. 2021 Jun;37(6):1745-1747. PMID: 34090562.

Ernat JJ, Rakowski D, Millett PJ. Single Stage Anterior Cruciate Ligament Revision Reconstruction Using an Allograft Bone Dowel for a Malpositioned and Widened Femoral Tunnel. *Arthroscopy Techniques*. Anticipated 2021.

Ernat JJ, Rakowski D, Wright C, Millett PJ. The Comprehensive Arthroscopic Management (CAM) Procedure for Severe Glenohumeral Joint Osteoarthritis in an Ultimate Fighting Championship (UFC) Fighter: A Case Report. *JBJS Case Connect*. 2021 Apr 29;11(2). PMID: 33914711

Ernat JJ, Millett PJ. Editorial Commentary: Snapping Scapula Syndrome: Predictors of Outcomes After Arthroscopic Treatment. *Arthroscopy*. 2020 Dec;36(12):2973-2974. PMID: 33276885.

Ernat JJ, Stake I, Fukase N, Waltz RA, Ravuri S, Huard J. A Review of Bone Marrow Aspirate Concentrate and Its Use in Primary Osteoarthritis of the Knee. *Journal of Orthopaedics and Sports Medicine*. 3 (2021): 062-074.

Ernat JJ, Wimberly RL, Ho CA, Riccio AI. Vascular Examination Predicts Functional Outcomes in Supracondylar Humerus Fractures: A Prospective Study. *J Child Orthop*. 2020 Dec 1;14(6):495-501.

PMID: 33343743.

Ernat JJ, Yheulon CG, Lopez AJ, Warth LC. Does the h-index and self-citation affect external funding of orthopedic surgery research? An analysis of fellowship directors and their subspecialties. *J Orthop*. 2020 Jan;20:92-96. PMID: 32042236.

-Presented at the Society of Military Orthopedic Surgeons 2019 Annual Meeting

Ernat JJ, Yheulon CG, Shaha JS. Arthroscopic Repair of 270° and 360° Glenoid Labrum Tears: A Systematic Review. *Arthroscopy*. 2020 Jan;36(1):307-317. PMID: 31708356.

Yheulon CG, Cole WC, Ernat JJ, Davis SS. Normalized Competitive Index: Analyzing Trends in Surgical Fellowship Training Over the Past Decade (2009-2018). *J Surg Educ*. 2020 Jan – Feb;77(1):74-81. PMID 31422019.

Ernat JJ, Wimberly RL, Samchukov ML, Cherkashin AM, Birch JG. Staged Reconstruction for Type IV Tibial Deficiency (Distal Tibio-Fibular Diastasis) A Report of Two Cases. *JBJS Case Connector*. 2019 Dec;9(4):e0088. PMID: 31850911.

Yheulon CG, Balla FM, Ernat JJ, Lin E, Davis SS. Academic Inertia: Examining Scholarly Output Over Time Among Academic Minimally Invasive Surgeons. *Am J Surg*. 2019 Nov;218(5):813-817. PMID: 30910131.

Ernat JJ, Song DJ, Cage JM, Lee G, Tokish JM. Return to Duty After Mini-Open Arthroscopic-Assisted Treatment of Femoroacetabular Impingement in an Active Military Population. *ASMAR*. 2019 Nov;1(1):e15-e23. PMID: 32267252.

-Presented at the Society of Military Orthopedic Surgeons 2012 Annual Meeting

-Presented at the American Academy of Orthopedic Surgeons 2013 Annual Meeting

-Presented at the Arthroscopy Association of North America 2013 Annual Meeting

Galvin JW, Ernat JJ, Grippo RJ, Li X, Parada SA, Eichinger JK. Analysis of Glenohumeral Joint Intraarticular Pressure Measurements in Volume-Limited MR Arthrograms in Patients with Shoulder Instability Compared to a Control Group. *J Orthop*. 2019 Aug 13;17:63-68. PMID: 31879476.

Yheulon CG, Schlüssel AT, Ernat JJ, Cafasso DE, Carlson TL, Gallagher ME, Kellicut DC. Scholarly output and the impact of self-citation among surgical fellowship program directors. *Am J Surg*. 2019 Jul 9. [Epub ahead of print]. PMID 31303252.

Rodriguez RM, Ernat JJ. Ultrasonography for Dorsal-Sided Wrist Pain in a Combat Environment: Technique, Pearls, and a Case Report of Dynamic Evaluation of the Scapholunate Ligament. *Mil Med*. 2019 Jun 27. [Epub ahead of print]. PMID: 31247089.

Ernat J, Johnson J, Anderson C, Ryan P, Yim D. Does Clinical Exam and Ultrasound Compare with MRI Findings When Assessing Tendon Approximation in Acute Achilles Tendon Tears? A Clinical Study. *J Foot Ankle Surg*. 2019 Jan;58(1):161-164. PMID: 30314935.

-Presented at the 2017 Society of Military Orthopedic Surgeons Annual Meeting

Ernat JJ, Galvin JW. Snapping Biceps Femoris Tendon. *Am J Orthop (Belle Mead NJ)*. 2018 Jul;47(7). PMID: 30075041.

Galvin JW, Ernat JJ, Waterman BR, Stadecker MJ, Parada SA. The Epidemiology and Natural History of Anterior Shoulder Instability. *Curr Rev Musculoskelet Med*. 2017 Dec;10(4):411-424. PMID: 29038951.

Ernat JJ, Riccio AI, Wimberly RL, Podeszwa DA, Ho CA. Fracture Classification Does Not Predict Functional Outcomes in Supracondylar Humerus Fractures: A Prospective Study. *JPO*. 2017 Jun;37(4):e233-e237. PMID:27776052.

- Presented at the Pediatric Orthopaedic Society of North America 2015 Annual Meeting
- Presented at the European Pediatric Orthopaedic Society 2015 Annual Meeting (Best Clinical Paper Award Nominee)
- Presented at the American Academy of Pediatrics 2015 National Conference
- Presented at the Society of Military Orthopedic Surgeons 2015 Annual Meeting
- Presented at the Orthopaedic Trauma Association 2015 Annual Meeting (Clinical Paper Award Nominee)

Belyea CM, Ernat JJ, Gumboc RD. Removal of a Contraceptive Implant from the Brachial Neurovascular Sheath: A Case Report. *JHS*. 2017 Feb;42(2):e115-e117. PMID: 27889093.

Ernat JJ, Bottoni CR, Rowles DJ. Successful Nonoperative Management of a HAGL Lesion with a Concurrent Axillary Nerve Injury in an Active Duty Navy SEAL. *Am J Orthop* (Belle Mead NJ). 2016 Jul-Aug;45(5):E236-239. PMID: 27552458.

Ernat JJ, Riccio AI, Fitzpatrick K, Jo C, Wimberly RL. Osteomyelitis is commonly associated with septic arthritis of the shoulder in children. *JPO*. 2015 Dec 19. Epub. PMID: 26691242.

- Presented at the European Pediatric Orthopaedic Society 2015 Annual Meeting
- Presented at the Society of Military Orthopedic Surgeons 2015 Annual Meeting

Ernat JJ, Song DS, Fazio MG, Lindell KK, Orchowski JR. Radiographic Changes and Fracture in Patients Having Received Bisphosphonate Therapy for ≥ 5 Years at a Single Institution. *Mil Med*. 2015. Dec;180(12):1214-1218. PMID: 26633664.

- Presented at the Society of Military Orthopedic Surgeons 2013 Annual Meeting

Ernat JJ, Song DS, Brugman SC, Shaha S, Tokish JM, Lee G. Mental Health Medication Use Correlates with Poor Outcome After Femoroacetabular Impingement Surgery in a Military Population. *JBJS Am*. 2015 Aug 05;97(15):1272-1277. PMID: 26246262.

- Presented at the Society of Military Orthopedic Surgeons 2013 Annual Meeting
- Presented at the Western Orthopaedic Association 2014 Annual Meeting

Ernat JJ, Knox JB, Wimberly RL, Riccio AI. The Effects of Restraint Type on Pattern of Spine Injury in Children. *JPO*. 2015 Apr 9. Epub. PMID: 25887833.

- Presented at the Society of Military Orthopedic Surgeons 2012 Annual Meeting
- Presented at the North American Spine Society 2013 Annual Meeting
- Presented at the Orthopaedic Trauma Association 2013 Annual Meeting
- Presented at the Western Orthopaedic Association 2014 Annual Meeting

Knox JB, Cage JM, Ernat JJ. "Pediatric Spinal Cord Injury". In Holloway AA, *Paraplegia: Clinical Characteristics, Prevalence and Treatment Outcomes*. 2015, Hauppauge, NY: Nova Publishers.

Levy J, Ernat J, Song D, Cook JB, Judd D, Shaha S. Outcomes of Long Arm Casting Versus Double Sugar Tong Splinting of Acute Pediatric Distal Forearm Fractures. *JPO*. 2015 Jan;35(1):11-17. PMID: 24787302.

- Presented at the American Academy of Orthopedic Surgeons 2014 Annual Meeting
- Presented at the Society of Military Orthopedic Surgeons 2013 Annual Meeting

Ernat JJ, Knox JB, Orchowski JR. Incidence and Risk Factors for Acute Low Back Pain in Active Duty Infantry. *Mil Med.* 2012;177(11):1348-1351. PMID: 23198512.

-Presented at the Society of Military Orthopedic Surgeons 2011 Annual Meeting

Rogers JL, Ernat JJ, Yung H, Mohan RS. Environmentally friendly organic synthesis using bismuth compounds. Bismuth(III) bromide catalyzed synthesis of substituted tetrahydroquinoline derivatives. *Catalysis Communications.* 2009;10(5):625-626.

Bailey AD, Cherney SM, Anzalone PW, Anderson ED, Ernat JJ, Mohan RS. A convenient method for in situ generation of I2 using CuSO4-NaI and its applications to deprotection of acetals, etherifications, and iodolactonizations. *SynLett.* 2006:215-218.

Anderson ED, Ernat JJ, Nguyen MP, Palma AC, Mohan RS. Environment friendly organic synthesis using bismuth compounds. An efficient method for carbonyl-ene reactions catalyzed by bismuth triflate. *Tetrahedron Letters.* 2005;46:7747-7750.

Presentations/Panels:

Ernat JJ

“Clinical Outcomes for Open Latarjet in Primary and Revision Stabilization Surgery”

-2021: American Society for Shoulder and Elbow Surgeons Fellows Conference

Ernat JJ

“An Update on the Natural History and Epidemiology of Nonoperative Management of Anterior Shoulder Instability”

-2021: The Colorado Athletic Trainers Association Annual Meeting.

Ernat JJ

“Evaluation and Management of Rotator Cuff Tendon Tears”

Graft Selection for ACL Reconstruction – Panel

-2018: Physician Assistants in Orthopaedic Surgery Annual Conference.

Teaching/Educational Experience

FEB 2021 – present Reviewer, Arthroscopy: The Journal of Arthroscopic and Related Surgery

JUL 2016 – JUN 2020 Blanchfield Army Community Hospital
-Army Interservice Physician Assistant Program
-Meharry Medical College, MS3 and MS4 clinical rotations

Community Service/Leadership/Team Experience:

AUG 2020 – present Team Physician, United States Olympics and Paralympics – Ski and Snowboard, Vail, CO

AUG 2020 – JUL 2021 Team Physician, high school athletics
-Battle Mountain High School, Edwards, CO
-Eagle Valley High School, Gypsum, CO
-Vail Mountain School, Vail, CO
-Ski Club Vail, Vail, CO

MAY 2020 – present Orthopedic Surgery Mentor, The Chicago Medical School, North Chicago, IL

MAY 2020 – present	American Board of Orthopaedic Surgery, Volunteer
JUL 2016 – JUN 2020	Team Orthopedic Surgeon, United States Army 5 th Special Forces Group, Fort Campbell, KY
JUL 2016 – JUN 2020	Team Orthopedic Surgeon, United States Army 160 th Special Operations Aviation Regiment (SOAR), Fort Campbell, KY
JUL 2016 – JUN 2020	Rossvie High School, TN, All-Sport Physicals -Tennessee Orthopaedic Alliance
JUL 2014 – JUL 2015	Medical Student-Resident Liaison, Tripler AMC Department of Orthopedic Surgery
JUN 2007 – JUN 2020	MAJ (06/05/2017) United States Army - Officer’s Basic Leadership Course (2008) - Combat Casualty Care Course (2011) - Combat Extremity Surgery Course (2015, 2018) - Deployment: 102 nd Forward Surgical Team, Syria (2018-2019)

Certification/Licensure:

Present	American Board of Orthopaedic Surgery, July 2018 Hawaii State Medical Board Licensure (MD-16545) Tennessee State Medical Board Licensure (54531) Colorado State Medical Board Licensure (DR.0063541) Ohio State Medical Board Licensure (35.138429) Utah State Medical Board Licensure (12242625-1205, 12242625-8905)
Present	BLS certified ACLS certified

Affiliations:

JUN 2020 – present	Active Member, Biologic Association
APR 2019 – present	Active Member, American Orthopaedic Society for Sports Medicine -ID: 55355
AUG 2015 – present	Active Member, Arthroscopy Association of North America -ID: 21676
JUL 2011 – present	Active Member, Society of Military Orthopaedic Surgeons -ID: 261
JUL 2011 – present	Active Fellow Member (FAAOS), American Academy of Orthopaedic Surgeons -ID: 1022713