

CURRICULUM VITAE

Patrick Michael Garvin, D.O.

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POST-DOCTORAL TRAINING

August 2024 - July 2025

University of Colorado, Denver, CO

Orthopaedic Sports Medicine & Shoulder Surgery Fellowship

Fellowship Director: Eric McCarty, MD

June 2019 - June 2024

University of Connecticut, Farmington, CT

Resident, Orthopaedic Surgery

UConn John Dempsey Hospital, Hartford Hospital, St. Francis Hospital,

Connecticut Children's Medical Center

EDUCATION

June 2015 - June 2019

Kansas City University of Medicine, Kansas City, MO

Doctor of Osteopathic Medicine (D.O.)

Magna cum laude, GPA: 3.86/4.0

Class Rank: 6

September 2009-September 2013

University of California, San Diego

Bachelor of Science (B.S.), Environmental Systems Biology

ACADEMIC HONORS & AWARDS

2018-2019 **Academic Distinction**, *magna cum laude* | Kansas City University of Medicine

2018 **Gold Humanism Honor Society Inductee**,
Arnold P. Gold Foundation, Kansas City University of Medicine Chapter

- National organization recognizing the top 15% of peer nominated students who demonstrate excellence in leadership, patient care, and dedication to service.

2018 **Psi Sigma Alpha**, National Osteopathic Scholastic Honors Society

- Selection based upon academic merit, represented by top 15% of medical school class

- 2018 **Robert G. Ricci, Scholarship**, Kansas City University of Medicine
- Awarded for academic excellence and commitment to community service
- 2017 **Dallas Southwest Osteopathic Physicians Scholarship**, Kansas City University of Medicine
- Awarded for academic excellence and commitment to community service
- 2017 **COMLEX 1 Honors Scholarship**, Kansas City University of Medicine
- Awarded for scoring in 90th percentile or higher on COMLEX Level 1 National Osteopathic Board Examination
- 2017 **Honors Clinical Specialty Track: Orthopaedic Surgery**, Kansas City University of Medicine
- Selection based on academic merit and pursuit of career in Orthopaedic Surgery
 - Competitive application process, selected after interview with Dr. Charles Orth, Program Director of the KCU Orthopaedic Surgery Residency in Kansas City, MO
 - As a member of the Honors track, completed 3 additional elective clinical Orthopaedic Surgery rotations in the Kansas City area, in addition to 5 orthopaedic surgery sub-internship rotations. In addition, participated in fracture conference and resident education with the KCU Orthopaedic Surgery Residency Program.
- 2015-present **Sigma Sigma Phi, National Osteopathic Honors and Service Society**
Kansas City University of Medicine Chapter
- Selection based upon academic merit, scholarship, and community service
 - Members must be in top 30% of medical school class and demonstrate commitment to professionalism and community service
- 2015-2019 **Dean's List**, Kansas City University of Medicine

SCIENTIFIC RESEARCH PUBLICATIONS

- **Garvin PM**, Wellington IJ, Connors JP, LeVasseur MR, Obopilwe E, Hawthorne BC, Trudeau M, Dorsey C, Mazzocca AD, Bi-Cortical Suspensory Button Fixation Yields Greater Ultimate Load to Failure over Uni-cortical All-Suture Anchor Fixation in Distal Biceps Brachii Tendon Repair. *Journal of Shoulder and Elbow Surgery*. May 19, 2022
- **Garvin P**, Cote MP. Editorial Commentary: Preoperative Patient-Reported Outcomes Measurement Information System Scores Vary Over Time. *Arthroscopy*. 2022;38(1):145-147. January 1, 2022.
- Wellington IJ, **Garvin PM**, Stelzer JW, Morgan C, Alessi A, Hall M, Rodner C, Edgar C. Transient Exertional Compressive Radial Neuropathy in a Collegiate Baseball Pitcher: A Case Report. *JBJS Case Connector*: October-December 2022 - Volume 12 - Issue 4 - e22.00352 doi: 10.2106/JBJS.CC.22.00352

- Connors JP; **Garvin P**; Silver J; Lindsay A; Solovyova O. Acetabular Fixation in Total Hip Arthroplasty in the Previously Irradiated Pelvis: A Review of the Basic Science and Clinical Outcomes". *Arch Orthop Trauma Surg*. Aug 19, 2022; 10.1007/s00402-022-04589-w. doi:10.1007/s00402-022-04589-w.
- Berthold, D.P, **Garvin P**, Mancini, M.R. Uyeki CL, LeVasseur MR, Mazzocca AD, Voss A. Arthroscopic rotator cuff repair with biologically enhanced patch augmentation. *Oper Orthop Traumatol* 34, 4–12. December 2021.
- Hawthorne B, **Garvin P**, Messina J, Cusano A, Mazzocca AD, Greiner S, Voss A. Acromioclavicular Joint Pathology in Athletes: Prevalence, Diagnostics and Therapy. *Obere Extremität*. February 2022.
- Connors JP; Stelzer J; **Garvin P**; Wellington IJ; Solovyova O. The Role of the Innate Immune System in Wear Debris-Induced Inflammatory Peri-implant Osteolysis in Total Joint Arthroplasty. *Bioengineering*. 2022, 9(12), 764; <https://doi.org/10.3390/bioengineering9120764>
- Wellington IJ; Silver J; **Garvin P**; Hawthorne B; Dorsey C; Trudeau M; Arciero R; Mazzocca AD. Glenohumeral Arthrodesis for Treatment of Unique Instability with Axillary Nerve Injury: A Case Report. *Journal of Orthopedic Case Reports*. 2022 July;12(7): Page 79-83.
- LeVasseur MR, Uyeki CL, **Garvin P**, McMillan S, Arciero RA. Knee Medial Collateral Ligament Augmentation with Bioinductive Scaffold: Surgical Technique and Indications. *Arthroscopic Techniques*. 2022;11(4):e583-e589. Mar 16, 2022.
- Arciero E, Kakazu R, **Garvin P**, Crepeau A, Coyner K. Favorable Patient Reported Outcomes and High Return to Sport Rates following Hip Arthroscopy in Adolescent Athletes: a Systematic Review. *Arthroscopy*. March 2, 2022.
- Wellington IJ, Connors JP, Stelzer J, **Garvin P**, Geaney L. Prevalence of Change in Orthopaedic Subspecialty Fellowship Preference During Residency Training: A Survey Study. *Archives of Bone and Joint Surgery*. 10 (8) 733-734. Aug 2, 2022.
- Berthold, DP, Muench, LN, Dyrna F, Mazzocca AD, **Garvin P**, Voss A, Scheiderer B, Siebenlist S, Imhoff AB, Beitzel, K. Current Concepts in Acromioclavicular Joint (AC) Instability – a Proposed Treatment Algorithm for Acute and Chronic AC-Joint Surgery. *BMC Musculoskelet Disord* 23, 1078 (2022). <https://doi.org/10.1186/s12891-022-05935-0>
- Wellington IJ; Davey A; Cote M; Hawthorne B; Dorsey C; **Garvin P**; Messina J; Hewitt C; Mazzocca AD. Substantial Clinical Benefit Values Demonstrate a High Degree of Variability When Stratified by Time and Geographic Region. *JSES International*, 2022, ISSN 2666-6383. <https://doi.org/10.1016/j.jseint.2022.10.003>
- Cusano A, Kanski G, Uyeki C, Adams K, Cote MP, Muench L, Connors JP, **Garvin P**, Messina JC, Berthold DP, Kissenberth MJ, Mazzocca AD. Outcomes of Reverse Total Shoulder Arthroplasty Following Failed Superior Capsular Reconstruction. *Journal of Shoulder and Elbow Surgery*. 2022; S1058-2746(22)00188-4. February 2, 2022.

- Vopat ML, Tarakemeh A, Morris B, Hassan M, **Garvin P**, Zackula R, Mullen S, Schroepfel JP, Vopat BG. Early Versus Delayed Mobilization Postoperative Protocols for Lateral Ankle Ligament Repair: A Systematic Review and Meta-analysis. *Orthopedic Journal of Sports Medicine*. 2020;8(6):2325967120925256. Jun 22, 2020.
- Vopat ML, Tarakemeh A, Morris B, Hassan M, **Garvin P**, Zackula R, Mullen S, Schroepfel P, Vopat BG Early versus Delayed Mobilization Post-Operative Protocols for Primary Lateral Ankle Ligament Repair: A Systematic Review and Meta-analysis. *Foot & Ankle Orthopaedics*. October 28, 2019.

SCIENTIFIC BOOK CHAPTERS

- **Garvin P**, Cusano A, Parisien RL, Galvin JW, Orvets ND, Elattar O, Li X. Current Concepts on the Management of Anterior Shoulder Instability. *The Physic: Indian Journal of Orthopaedics*. Volume 3, Issue 2, November 2022.
- **Garvin P**, Messina JC, LeVasseur MR, Uyeki CL, Mancini MR, Connors JP, Mazzocca AD. *Cell Therapies: Augmentation in Rotator Cuff Repair: Strategies and Surgical Techniques*. Minerva Medica. 2021.
- **Garvin P**, Berthold, D.P., Uyeki, C., Mazzocca, A.D. (2023). Glenohumeral Instability. In: Longo, U.G., Denaro, V. (eds) *Textbook of Musculoskeletal Disorders*. Springer, Cham. https://doi.org/10.1007/978-3-031-20987-1_66

SCIENTIFIC RESEARCH PRESENTATIONS

- Wellington IJ; Davey A; Cote M; Hawthorne B; Dorsey C; **Garvin P**; Messina J; Hewitt C; Mazzocca AD. Substantial Clinical Benefit Values Demonstrate a High Degree of Variability When Stratified by Time and Geographic Region. *ISAKOS Biennial Congress 2023*, Boston, MA; June 18-21, 2023.
- Wellington IJ, Connors JP, Stelzer JW, **Garvin PM**, Geaney LE. Prevalence of Change in Orthopaedic Subspecialty Fellowship Preference During Residency Training. *American Orthopaedic Association Annual Leadership Meeting's 2022 Summer Council of Orthopaedic Residency Directors (CORD) Conference*. Providence, RI; June 14-18, 2022. Podium Presentation
- **Garvin, P**. Bi-Cortical Suspensory Button Fixation Yields Greater Ultimate Load to Failure over Uni-cortical All-Suture Anchor Fixation in Distal Biceps Brachii Tendon Repair, *Musculoskeletal Institute Research Day Annual Meeting*. Farmington, CT, March 2022. Podium Presentation
- **Garvin, P**, Mancini MR, Uyeki, CL, LeVasseur, MR, Mazzocca, AD, Voss A. Allograft patch augmentation in rotator cuff repair, *Musculoskeletal Institute Research Day Annual Meeting*. Farmington, CT, March 2021. Podium Presentation

- **Garvin, P**, Cote M, Wolf M, Kia C, Mazzocca A. Factors Influencing Successful Non-Operative Management of Patients with Acromioclavicular Joint Dislocation, *Musculoskeletal Institute Research Day Annual Meeting*. Farmington, CT, March 2020. Podium Presentation
- Vopat ML, Tarakemeh A, Morris B, Hassan M, **Garvin P**, Zackula R, Mullen S, Schroeppe P, Vopat BG. Early Versus Delayed Mobilization Post-Operative Protocols for Primary Lateral Ankle Ligament Repair: A Meta-analysis. *AAOS Annual Meeting*, Orlando, FL, March 2020. Paper Presentation
- Vopat ML, Tarakemeh A, Morris B, Hassan M, **Garvin P**, Zackula R, Mullen S, Schroeppe P, Vopat BG. Early Versus Delayed Mobilization Post-Operative Protocols for Primary Lateral Ankle Ligament Repair: A Systematic Review and Meta-analysis. *AOFA Annual Meeting*, Chicago, IL, October 2019. Podium Presentation
- Vopat ML, Tarakemeh A, Morris B, Hassan M, **Garvin P**, Zackula R, Mullen S, Schroeppe P, Vopat BG. Early Versus Delayed Mobilization Postoperative Protocols for Primary Lateral Ankle Ligament Repair: A Systematic Review. *Mid-America Orthopaedic Association, 37th Annual Meeting*, Miramar Beach, FL, April 2019. Podium Presentation
- Vopat ML, Tarakemeh A, Morris B, Hassan M, **Garvin P**, Zackula R, Mullen S, Schroeppe P, Vopat BG. Early Versus Delayed Mobilization Post-Operative Protocols for Primary Lateral Ankle Ligament Repair: A Meta-analysis. *Orthopaedic Summit 2018: Evolving Techniques*, Las Vegas, NV, December 2018. Podium Presentation

SCHOLARLY ACTIVITY

2021 – Present **Editorial Reviewer, *Arthroscopy, The Journal of Arthroscopic and Related Surgery***

Invited by James Lubowitz, MD to serve as a peer reviewer for *Arthroscopy, The Journal of Arthroscopic and Related Surgery*, after submission and acceptance of multiple manuscripts. As an active reviewer, I perform critical analysis and review of submitted manuscripts, reviewing the relevant existing literature, and recommending revisions/acceptance/rejection of manuscripts.

TEACHING EXPERIENCE

2019-present **Anatomy Tutor, Musculoskeletal Anatomy**, University of Connecticut School of Medicine

Led cadaveric dissections and instructed first-year medical students during their musculoskeletal anatomy course, with a focus on clinically relevant musculoskeletal anatomy.

2018

Course Lecturer, Musculoskeletal Pathology, Kansas City University of Medicine

Course Directors: Dr. John Dobson, MD, Dr. Stephen Putthoff, DO
Developed lecture for 2nd year medical students on bone and soft tissue tumors, focusing on histologic, morphologic, and radiologic characteristics, incorporating relevant surgical and clinical anatomy and various approaches to treatment

ACADEMIC ACHIEVEMENT

- USMLE Step 1 Board Exam: 265
- USMLE Step 2 Board Exam: 269
- COMLEX Level 1 Board Exam: 868
- COMLEX Level 2 Board Exam: 863
- Orthopedic-In-Training-Examination (OITE) PGY1 Score: 100th Percentile
- Orthopedic-In-Training-Examination (OITE) PGY2 Score: 94th Percentile
- Orthopedic-In-Training-Examination (OITE) PGY3 Score: 82nd Percentile
- Orthopedic-In-Training-Examination (OITE) PGY5 Score: 91st Percentile
- ABOS Part 1 Score: Pass, 99th Percentile

LEADERSHIP INVOLVEMENT

2018-Present

**Program Evaluation Committee, University of Connecticut
Department of Orthopaedic Surgery**

Resident Representative

- Appointed to leadership committee to oversee curriculum development and resident educational goals

2022 -Present

Hartford Hospital Limb Salvage Amputation Innovation Task Force

Resident Representative

- Participate in multidisciplinary meetings to coordinate comprehensive care for orthopaedic trauma patients undergoing amputation completion or limb-salvage procedures following traumatic lower extremity injuries

2015-2019

**Sigma Sigma Phi, National Osteopathic Honors and Service Society
Kansas City University of Medicine Chapter**

Academic Chair

- Responsible for organizing anatomy lab practical examinations, one-on-one and group anatomy/physiology/pathology tutoring, as well as individual tutoring for USMLE board exam preparation.

2009-2013

University of California, San Diego Men's Club Baseball Team

Team Captain

- Founding member of the inaugural UC San Diego Men's Club Baseball team in 2010, and four-year contributing member, leading team to Top-10 national ranking in 2012
- Competed in 2012 National Club Baseball Association World Series in Columbus, GA
- Handled administrative responsibilities, coordinating with the National Club Baseball Association and University of California, San Diego Sports Clubs department.

PROFESSIONAL SOCIETIES & ASSOCIATIONS

2024- Present American Orthopedic Society for Sports Medicine (AOSSM) | Member

2024- Present Arthroscopy Association of North America (AANA) | Member

2019- Present American Academy of Orthopaedic Surgery (AAOS) | Resident Member

2019- Present AO/Orthopaedic Trauma Association (AO/OTA) | Foundation Member

2018- Present Psi Sigma Alpha National Osteopathic Scholastic Honor Society | Member

2016- Present American Osteopathic Association of Orthopedic Surgeons | Member

2016- Present. Sigma Sigma Phi National Osteopathic Honors Society | Member

PROFESSIONAL EXPERIENCE

2014-2015

Pacific Coast Orthopedics, 101 Wilson Rd. Monterey, CA 93940

Medical Scribe

- Medical Scribe for Richard V. Ravalin, MD
- Responsible for Electronic Health Record (EHR) documentation in Orthopedic Sports Medicine private practice, including writing progress notes, ICD-9 coding, etc.

2013-2015

Monterey Spine & Joint, 12 Upper Ragsdale Monterey, CA 93940

Lead Medical Scribe

- Medical scribe for multidisciplinary private practice consisting of Orthopedic surgeons, Neurosurgeons, Podiatrists, and Pain Management specialists.
- As lead scribe, responsible for interviewing and training Scribe candidates, and coordinating/scheduling scribe clinic coverage for 15+ surgeons.

VOLUNTEER EXPERIENCE

2015-2019

Score 1 for Health, Kansas City, MO

- Performed free healthcare screening examinations for local elementary school students in the Kansas City Metropolitan area

2016-2019

Kansas City Care Clinic, Kansas City, MO

- Volunteered in primary care clinic as medical student alongside Attending Physician providers in downtown Kansas City, MO, providing healthcare for uninsured patients

QUALIFICATIONS/CERTIFICATIONS

2019

AO Trauma Basic Foundation Course

2019

Advanced Cardiac Life Support/Basic Life Support Certification