

Bradley Wallis Gelfand, M.D

WORK EXPERIENCE:

Centers for Advanced Orthopaedics
Orthopaedic Medicine & Surgery Division
Orthopaedic Spine Surgeon

Washington, DC
September 2025-Present

EDUCATION:

University of Maryland Medical Center
Fellow, Spine Surgery

Baltimore, MD
August 2024-2025

Medstar Georgetown University Hospital
Resident Physician, Orthopaedic Surgery

Washington, DC
June 2019-July 2024

Georgetown University School of Medicine
Doctor of Medicine

Washington, DC
August 2015- May 2019

University of Michigan
B.S. Biopsychology, Cognition and Neuroscience

Ann Arbor, MI
August 2010-May 2014

RESEARCH EXPERIENCE:

University of Maryland Medical Center

Baltimore, MD
July 2025-July 2026

- Suresh, Rohan I. BS; Patel, Hershil BS; **Gelfand, Bradley W.** MD; Przygocki, Tyler J. BS; Prakash, Hans MD; Sahai, Amil MD; Ludwig, Steven C. MD. History of metal allergy in cervical and lumbar arthroplasty: A review. *Current Orthopaedic Practice* 37(2):e1346, March/April 2026. | DOI: 10.1097/BCO.0000000000001346

Medstar Georgetown University Hospital

Washington, DC
June 2019-July 2025

- Khanna, A.J., **Gelfand, B.** (2024). Musculoskeletal Imaging. In: Postma, W.F., Delahay, J.N., Wiesel, S.W. (eds) *Essentials of Orthopedic Surgery*. Springer, Cham. https://doi.org/10.1007/978-3-031-66215-7_3
- Kelly MJ, **Gelfand BW**, Kalantar SB “Radiographic and Patient Reported Outcomes in a Large Cohort of Patients Undergoing Anterior Cervical Discectomy and Fusion using Hydroxyapatite-coated PEEK Interbody Spacers: Two Year Results”
 - Poster presentation at the 2022 Society for Minimally Invasive Spine Surgery Annual Forum. Las Vegas, Nevada.
 - Poster presentation at the 2023 Spine Summit. Miami, Florida.
- **Gelfand BW**, Kelly MJ, Kalantar SB “Radiographic and Patient Reported Outcomes in a Large Cohort of Patients Undergoing Anterior Cervical Discectomy and Fusion using Hydroxyapatite-coated PEEK Interbody Spacers: One Year Results”
 - Poster presentation at the 2022 International Society for the Advancement of Spinal Surgery Annual Conference. Nassau, Bahamas.
- **Gelfand BW**, Paek S, Zelenty W, Girardi F. History and Current State of Interbody Fusion Device Material Science. *Seminars in Spine Surgery*. September 2022.
- **Gelfand BW**. Extensor Mechanism Disruption in Total Knee Arthroplasty
 - Medstar Georgetown University Grand Rounds, February 2022
- **Gelfand BW**. Intraoperative Wound Antibiotics and Betadine Cleansing: What is the Evidence?
 - Medstar Washington Hospital Center Grand Rounds, May 2021

- **Gelfand BW.** The Rheumatoid Foot.
 - Medstar Georgetown University Hospital Grand Rounds, January 2021
- **Gelfand BW.** Treatment of Single Compartment Arthritis.
 - Medstar Washington Hospital Center Grand Rounds, September 2019
- **Gelfand BW.** Diagnosis and Treatment of SI Joint Pathology
 - Medstar Washington Hospital Center Grand Rounds, July 2019

Medstar Health Summer Research Scholarship in Emergency Medicine

Medstar Washington Hospital Center

Washington, DC

May 2016-May 2019

- Tebo, C., Mazer-Amirshahi, M., DeGeorge, L., **Gelfand, B.**, Leak, C., Tolliver, S., & Sauter, D. (2019). Suspected synthetic cannabinoid receptor agonist intoxication: Does analysis of samples reflect the presence of suspected agents?. *The American Journal of Emergency Medicine*, 37(10), 1846–1849.
- Kiechle, E.S., & McKenna C.M., & Carter H., & Zeymo A., & **Gelfand B.W.**, & DeGeorge L.M., & Sauter D.A., & Mazer-Amirshahi M.. Medication Allergy and Adverse Drug Reaction Documentation Discrepancies in an Urban, Academic Emergency Department. *Journal of Medical Toxicology*. December 2018.
- Kiechle, E.S., & McKenna C.M., & Carter H., & Zeymo A., & **Gelfand B.W.**, & DeGeorge L.M., & Sauter D.A., & Mazer-Amirshahi M. April, 2018. Prevalence of Self-Reported Drug Allergies and Adverse Drug Events in an Urban, Academic Emergency Department. Poster presentation: 2018 American College of Medical Toxicology (ACMT) Annual Scientific Meeting; Washington, DC, USA.
- Mazer-Amirshahi M., & McKenna C.M., & Carter H., & Zeymo A., & **Gelfand B.W.**, & Kiechle, E.S., & DeGeorge L.M., & Sauter D.A. April, 2018. Prevalence of Medication Allergy and Adverse Drug Event Reconciliation Discrepancies in an Urban, Academic Emergency Department Poster presented at: 2018 American College of Medical Toxicology (ACMT) Annual Scientific Meeting; Washington, DC, USA.
- Mazer-Amirshahi, M., & **Gelfand, B.W.**, & Leak, C., & Tolliver, S., & Sauter, D. April, 2017. Characterization of Suspected Synthetic Cannabinoid Intoxications in Washington, DC Poster presentation: 2017 American College of Medical Toxicology Annual Scientific Meeting; San Juan, PR, USA.
- **Gelfand, B.W.**, & Sauter, D., & Amirshahi, M. September, 2016. Accuracy of Emergency Department Medication Allergy Documentation. Poster presentation: 2016 Summer Research Scholarship Recipients Capstone; Washington, DC, USA.

Clinical Research Assistant

Washington DC VA Medical Center

Washington, DC

June 2012-August 2012

- 2 abstracts accepted for Oral Presentation at the 2013 American Society of Hypertension Annual Meeting
- *Mortality Risk and Fitness Status in Hypertensive Men ≥ 70 years*
Doumas M, Pittaras A, Faselis C, Kokkinos JP, **Gelfand BW**, Papademetriou V, Myers J, Kokkinos P. Veterans Affairs Medical Center, Washington, DC, USA
- *Exercise Capacity and Mortality in Hypertensive, Obese Individuals with Type 2 Diabetes Mellitus*
Faselis C, Kheirbek R, Sheriff H, Nylene ES, Kokkinos JP, **Gelfand BW**, Pittaras A, Doumas M, Myers J, Kokkinos

Research Assistant

National Institute of Health, Dr. William Paul's Immunology Laboratory

Bethesda, MD

June 2011-August 2011

- PI: Dr. Zami Ben-Sasson

WORK EXPERIENCE:

Scribe America Emergency Room Scribe, Suburban Hospital	Bethesda, MD September 2014-April 2015
Bethesda Endoscopy Center Technician	Bethesda, MD September 2014-April 2015

VOLUNTEER:

Assistant Team Physician St. Albans High School, St. John's College High School	Washington, DC August 2021-August 2023
Chief Club Officer Georgetown University School of Medicine	Washington, DC August 2016-May 2017
Hoya Clinic Resource Specialist Georgetown University School of Medicine, Hoya Clinic	Washington, DC August 2016-May 2017
Hoya Clinic Student Clinician Georgetown University School of Medicine, Hoya Clinic	Washington, DC August 2015-May 2017
Big Hoya, Little Saxa Mentorship Program Georgetown University School of Medicine	Washington, DC August 2016-May 2017
Go Blue, Wear Pink Campus Event Coordinator	Ann Arbor, MI September 2010-February 2014
Tamid Investment Group University of Michigan	Ann Arbor, MI September 2011-May 2013

HONORS AND AWARDS :

AOA Resident Leadership Forum	June 2023
Medstar Health Summer Research Scholarship Recipient	June 2016
University Honors, University of Michigan	Winter 2012, Fall 2013, Winter 2013
Alice Lloyd Hall Scholar, University of Michigan	2010-2011