

RECENT SCHOLARLY ACTIVITY FOR RESIDENTS

Manuscripts/Book Chapters

1. Kline-Quiroz C, Houser S, Martone P. Non-pharmacologic Pain Management in the Cancer Patient. In: Cancer Rehabilitation: Principles and Practice, 3e. published August 2025.
2. Rozman de Moraes A, Erdogan E, Azhar A, Suresh K, Reddy, Lu Z, Geller J, Graves D, Michal J, Janet L, Kubiak, Williams, Jimin W, Bruera E, Sriram Y. Scheduled and Breakthrough Opioid Use for Cancer Pain in an Inpatient Setting at a Tertiary Cancer Hospital. *Current Oncology* 2024 March; 31(3), 1335-1347.
3. Frei B, Chase P, Mansourian V. Full Chapter Revision: "Stroke in Young Adults." In *Essentials in Physical Medicine & Rehabilitation: Musculoskeletal Disorders, Pain, and Rehabilitation*. 5E, Elsevier Health Sciences, London, United Kingdom. May 2024.
4. Cash C, Cash J. Musculoskeletal guidelines. In *Family Practice Guidelines: Sixth Edition*. New York: Springer; 2024:731-743.
5. Cash C, Cash J. Musculoskeletal guidelines. In *Adult-Gerontology Practice Guidelines: Third Edition*. New York: Springer; 2024:777-805.
6. L, Kubiak, Williams, Jimin W, Bruera E, Sriram Y. Scheduled and Breakthrough Opioid Use for Cancer Pain in an Inpatient Setting at a Tertiary Cancer Hospital. *Current Oncology* 2024 March; 31(3), 1335-1347.
7. Shannon DT, Chase PM, Frei BW, Anesi T, Yang AJ. Medical schools producing the most physical medicine and rehabilitation residents: An analysis of matriculating residents from 2017 to 2021. *PM&R*. 2024; 1-10. <https://doi.org/10.1002/pmrj.13216>.
8. Haring RS, Kennedy DJ, Archer KR, Chukwuma VU, Dovgan JT, Schneider BJ. Comparing the clinical outcomes of lumbar transforaminal vs interlaminar epidural steroid injections in a registry cohort. *Interventional Pain Medicine*, Volume 3 (Issue 1). Feb 2024. Online.
9. Chukwuma VU, Schneider BJ. Predicting Time of Expected Positive Response to Epidural Steroid Injection for Spine Pain. *Interventional Pain Medicine*, Volume 2(Supplement 1). May 2023. Online.
10. Abramson N, Dovgan JT, Frei BW, Chukwuma VU, Plummer CJ. Inpatient Rehabilitation Following Subdural Empyema after Endoscopic Third Ventriculostomy for NPH. *American Journal of Physical Medicine and Rehabilitation*, Volume 102(Issue 4s). Apr 2023. Online.
11. Abramson N, Schneider BJ, Chukwuma, VU, Frei BW. Vertigo Following Cervical Radiofrequency Ablation. *American journal of physical medicine & rehabilitation*, Volume 102(Issue 4s), A56. April 2023.

12. Bryant D, Chase P, Shannon D, Schaaf S. Role of Stem Cells for Knee Cartilage Injuries in Athletes. *Curr Phys Med Rehabil Rep*, (2023). <https://doi.org/10.1007/s40141-023-00404-8>.
13. Chase P, Frei B, Shannon D, Chukwuma V, Morgan J. PM&R. VUMC Internal Medicine Commadore Compendium 2023-2024; PM&R Chapter Chief Editor; Spinal Cord Injury Section Author, Traumatic Brain Injury Section Co-Author, Musculoskeletal Injuries Section Co-Author, published online 2023.
14. Chukwuma VU, Schneider BJ. Predicting Timeline of Expected Positive Response to Epidural Steroid Injections for Radicular Low back and Neck Pain. *Regional Anesthesia & Pain Medicine*, Volume 48 (Issue 12), 629-638. December 2023.
15. Sturdivant A, Schaaf S. PRP for the Shoulder. Chapter 10, *Managing Shoulder Health Long-Term*. Published May 2026. 2026.
16. Ortho-biologics Literature Review
Mentor: James Gardner, MD, MUSC, Devon Shannon, MD, Emory Sports Medicine
Status: Published in *Current Physical Medicine and Rehabilitation Reports*. 2025.

Posters/Abstracts

17. Allen G, Gilbert K, Kline-Quiroz C. Complications of Laryngeal Cancer Treatment: How Esophageal Stricture led to Cervical Fusion. Presented at Academic Physiatrists Physiatry 2025 Annual Assembly. Phoenix, Az. February 27, 2025.
18. Allen G, Gilbert K, Kline-Quiroz C. Unlocking New Possibilities: Botox's Emerging Role in Managing Trismus in a Tonsillar Cancer Patient. Presented at Academic Physiatrists Physiatry 2025 Annual Assembly. Phoenix, Az. February 27, 2025.
19. Saleeb A, Cash C, Kline-Quiroz C. A case of radiation fibrosis syndrome as a cause of spinal accessory nerve and long thoracic nerve dysfunction. *Academy of Academic Physiatrists Annual Meeting*. Phoenix, AZ. 2025 February 21.
20. Geller J, Ervin K, Huddleston B. AAPMR 2025. Isolated Injury to the Deep Fibular Nerve Proximal Branches: A Case Report.
21. Geller J, Sturdivant A, Jones W. AMSSM 2025. Discrete Unilateral Anterior Abdominal Wall Pain in a Cross-Country Runner Case Study.
22. Cash C, Michanczyk K, Massey L. Twice daily program for reflexic neurogenic bowel dysfunction: A case report. *American Academy of Physical Medicine and Rehabilitation Annual Assembly*. San Diego, CA. 2024 November 7.
23. Cash C, Schaaf S. Superficial ulnar nerve neuroma: A case report. *American Academy of Physical Medicine and Rehabilitation Annual Assembly*. San Diego, CA. 2024 November 9.

24. Geller J, Kilgore J, Schaaf S. AAPMR 2024. Spontaneous Iliopsoas Tendon Rupture: A Case Report.
25. Geller J, Kemmy M, Jones W. AAPMR 2024. Blood Flow Restriction Therapy to treat Postoperative Neuromuscular Impairment after a Complex Lumbar Spine Surgical Infection: A Case Report.
26. Geller J, Kemmy M, Jones W. AAPMR 2024. Value of a dual Channel Femoral Motor Nerve Conduction Study Method to Diagnose Femoral Neuropathy: A Case Report.
27. Gutierrez B, Geller J, Massey L. AAPMR 2024. Disposition, Discharge, Undocumented: Barriers to Management in the Uninsured in a Rehabilitation Setting.
28. Houser S, Allen G, Jones WM. AAPM&R Annual Assembly 2024. Poster presented: Tibial Tuberosity Avulsion Fracture Diagnosed on Ultrasound. San Diego, CA, United States of America; 11/09/2024.
29. Codd J, Yang A, Houser S, Radtke B. AAPM&R Annual Assembly 2024. Poster presented: Using the AAPM&R Registry Data to Determine Which and When Medications Help with Low Back Pain. San Diego, CA, United States of America; 11/09/2024.
30. Cash C, Michanczyk K, Massey L. Chronic changes, acute injury; A case of an osteophyte implicated in post-traumatic tetraplegia. Poster presentation at Academy of Spinal Cord Injury Professionals Annual Meeting, Chicago, IL. September 2024.
31. Chukwuma V, Davis LT, Cash C, Houser SL, Mays B. Too much teleworking? Atypical occipital headache secondary to enthesopathy at the occipital protuberance: A case report. Academy of Academic Physiatrists Annual Meeting. Orlando, FL. February 2024.
32. Chukwuma VU, Ekeanyanwu I, Jones WM. Early Recovery from Bilateral Traumatic Lumbosacral Plexopathy: A Case Report. Association of Academic Physiatrists 2024 Annual Meeting/Orlando, FL, USA. February 22, 2024.
33. Allen G, Chukwuma V, Maslow J, Jones W. Rehabilitation and Pain Management of Brachial Plexus Injury after Gunshot Wound: A Case Report. Academic Physiatrists Physiatry 2024 Annual Assembly. February 22, 2024. Orlando, FL.
34. Shannon D, Swenson T, Schaaf S. Clinical Effectiveness of Ultrasound Guided Tendon Sheath Ketorolac Injections for Patients with Elbow Epicondylopathy: A Case Series. 2024 American Medical Society for Sports Medicine Annual Meeting. April 15, 2024.
35. Kilgore J, Schaaf S. Gutter Finger. American Medical Society for Sports Medicine Annual Meeting. Baltimore, MD. April 2024.
36. Bryant D, Allen G, Porras, L. Deceptive knee pain in a pediatric athlete: A case report. American Medical Society for Sports Medicine Annual Assembly. April 2024. Baltimore, MD.
37. Allen G. Resistance Training: AHA 2023 Scientific Statement Update. Sports Bites. 4/02/2024; 2(4).

38. Chukwuma VU, Schneider BJ. Predicting Timeline of Expected Positive Response to Epidural Steroid Injections for Radicular Low back and Neck Pain [Poster presented]. American Society of Regional Anesthesia 22nd Annual Pain Medicine Meeting/New Orleans, LA, USA. November 10, 2023.
39. Geller J, Galbraith W, Yang A, Jones W. Post-Herpetic Lumbar Radiculopathy: A Case Report. AAPMR 2023.
40. Houser S, Gardner J, Schaaf S. Bilateral Knee Effusions as a Presentation of Reactive Arthritis. American Academy of Physical Medicine & Rehabilitation Annual Meeting, New Orleans, LA, November 2023.
41. Shannon D, Jones WM. Lacertus Syndrome Diagnosed by Physical Exam and Ultrasound: A Case Report. 2023 American Academy of Physical Medicine and Rehabilitation Annual Assembly. November 18, 2023.
42. Shannon D, Jones WM. Missed Ulnar Shaft Fracture Diagnosed with Ultrasound: A Case Report. 2023. American Academy of Physical Medicine and Rehabilitation Annual Assembly. November 17, 2023.
43. Bryant D, Frei B, Plummer, C. An unusual case of wrist drop in a traumatic brain injury patient: a case report. AAPM&R Annual Meeting 2023.
44. Bryant D, Shannon D, Geller J, Schaaf S. An atypical hand soft tissue mass: A case report. AAPM&R Annual Meeting 2023.
45. Dovgan J, Yeh P, Shannon D, Yang, A. Inadvertent Intradiscal Contrast Flow during Transforaminal Epidural Steroid Injection: A Case Series. AAPM&R Annual Meeting 2023, November 2023.
46. Abramson N, Shannon D, Morgan J. A Rare Case of Intramedullary Spinal Melanoma. 2023 American Academy of Physical Medicine and Rehabilitation Annual Assembly. November 16, 2023.
47. Chase P, Dovgan J, Schaaf S. An Unusual Case of Thigh Pain in a Competitive Racquetball Player. AMSSM National Conference 2023.
48. Bryant D, Chase P, Schaaf S. Recurrence rate of ganglion cysts of the wrist and hand after ultrasound guided aspiration in pediatric and young adult athletes: a case series. AMSSM National Conference 2023.
49. Bryant D, Kilgore J, Schaaf S. Hand pain and a soft tissue mass in a competitive pediatric gymnast. AMSSM Annual Meeting 2023.
50. Allen G. Ultrasound-guided lavage and corticosteroid injection for calcific tendinopathy. Sports Bites. 11/07/2023; 1(4).
51. Allen G. Expert Consensus on Platelet Rich Plasma (PRP) Clinical Research and Applications. Sports Bites. 10/03/2023; 1(3).
52. Allen G. Platelet-Rich Plasma superior to Hyaluronic Acid for Knee Osteoarthritis. Sports Bites. 09/05/2023; 1(2).

53. Grusky A, Gardner J, Cash C, Rutherford M, Schaaf S, Jain N. Genetic predisposition to glenohumeral osteoarthritis: a case & control identification for future genome-wide association study. American Medical Society for Sports Medicine Annual Meeting. Phoenix, AZ. May 2023.

Podium Presentations

54. Allen, G. Optimization of Fluoroscopic Use for Spinal Segments (FUSS) - Work in Progress. Vanderbilt University Medical Center Department of Physical Medicine and Rehabilitation 7th Annual Resident Research Day. Nashville, TN. June 12, 2025.
55. Cash C, Dovgan J, Rivers WE. Localizing the lumbar medial branch using 3D imaging software. VUMC Department of Physical Medicine and Rehabilitation Resident Research Day. 2025 June 12.
56. Houser S, Gilbert K, Schaaf S, Jones WM. Neuralgic Amyotrophy After Brown Recluse Spider Bite: A Case Report. Oral presentation: AAPM&R Annual Assembly 2024; 11/07/2024. San Diego, CA, United States of America.
57. Michanczyk K, Welch S, Williams A, Whiteson J. PM&R Hospital Consults in the United States: Where is the Data? Resident Research Day, Vanderbilt PM&R Residency Program. May 2024.
58. Shannon D, Diamond A. Painful Locking Knee in an Adolescent: Case Presentation. 2024 American Medical Society for Sports Medicine Annual Meeting. April 15, 2024.
59. Shannon D, Swenson T, Schaaf S. Clinical Effectiveness of Ultrasound Guided Tendon Sheath Ketorolac Injections for Patients with Elbow Epicondylopathy: A Case Series. Vanderbilt University Medical Center Department of Physical Medicine and Rehabilitation, Resident Research Day. May 27, 2024.
60. Michanczyk K, Welch S, Williams A, Whiteson J. Improving Efficiency in Patient Throughput in Acute Care Demonstrating the Value of Physiatry. AAPM&R 2023.
61. Chukwuma VU, Schneider, BJ. Evaluating Utility of Using Higher Steroid Doses for Epidural Steroid Injections. Vanderbilt University Department of PM&R Resident Research Day/Nashville, TN, USA. May 11, 2023.
62. Shannon D, Chase P, Frei B, Anesi T, Yang, A. Top Medical Schools Producing PM&R Residents. Vanderbilt University Medical Center Department of Physical Medicine and Rehabilitation, Resident Research Day. May 11, 2023.
63. Bryant D, Chase P, Schaaf S. Recurrence rate of ganglion cysts of the wrist and hand after ultrasound guided aspiration in pediatric and young adult athletes: A case series. Podium presentation, VUMC PM&R Resident Research Day 2023.