CURRICULUM VITAE JOSHUA SMITH, MD

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EDUCATION

2011-2015 Bachelor of Science in Integrative Neuroscience

Binghamton University

Vestal, NY

2015-2019 Doctor of Medicine

Albany Medical College

Albany, NY

POSTGRADUATE TRAINING

2019-2023 Residency, Physical Medicine & Rehabilitation

University of Rochester Medical Center/University of Rochester School of Medicine

Rochester, NY

2022-2023 Chief Resident, Physical Medicine & Rehabilitation

University of Rochester Medical Center/ University of Rochester School of Medicine

Rochester, NY

RESEARCH EXPERIENCE

2025-present Brown University Health PM&R

The Warren Alpert Medical School of Brown University

Providence, RI

Study: "Botulinum Toxin for Management of Thoracic Outlet Syndrome: A Case Series"

Role: Principal Investigator. Led the design, data collection, and analysis of a

retrospective case series investigating. Oversaw IRB submission and compliance with all regulatory and ethical standards. Currently collecting data with the goal of interpreting findings and preparing manuscript to advance clinical knowledge

in the field of PM&R.

2024-present Brown University Health Neurosurgery

The Warren Alpert Medical School of Brown University

Providence, RI

Study: "Rehab and Electrical Stimulation Therapy to Optimize Rehabilitation Effect

(RESTORE) Trial"

Role: PM&R physician for local research site of multicenter second phase trial.

Coordinate patient recruitment and educating providers about opportunities for patients to participate in study. Have assisted in evaluation and planning of management for patients when complications limiting study participation arise.

2022-2023 Department of Physical Medicine & Rehabilitation

University of Rochester Medical Center

Rochester, NY

Advisor: Rondy Lazaro, MD

 $\underline{Study} \hbox{: $"Comparison of ultrasound-guided intraarticular hip injections with and without}$

prior local anesthesia: a randomized controlled trial"

Role: Assisted with obtaining IRB Approval, consented patients, recorded and

synthesized data. Worked on manuscript as co-author

2018-2019 Department of Physical Medicine & Rehabilitation

Albany Medical College

Albany, NY

Advisor: George Forrest, MD

Role: Co-authored manuscript "Inpatient rehabilitation facilities: The 3-hour rule"

POSTGRADUATE HONORS AND AWARDS

2025 Positive Champion Award; The Warren Alpert Medical School of Brown University.

2024 Top Doctor Award; Global Directory of Who's Who

June 2022 Spirit of Carol Award; University of Rochester Medical Center.

"In recognition of humanistic qualities demonstrated towards patients, families, and staff."

June 2022 Excellence in Resident Seminar Award; University of Rochester Medical Center. "Music and Dance Integrated Rehabilitation."

April 2022 Patient ICARE Star; University of Rochester Medical Center.

"Demonstrates values of compassion, respect, and excellence delivering quality medical care."

July 2021 Patient ICARE Star; University of Rochester Medical Center. July 2021

April 2021 Excellence Award; University of Rochester Medical Center.

"For demonstrating excellence and compassionate care during a lifesaving emergency."

March 2021 Respect Award; University of Rochester Medical Center.

"For developing excellent rapport with patients and making lasting impacts in their care."

February 2021 Excellence Award; University of Rochester Medical Center.

"For going above expectations by volunteering to assist with patient care."

December 2020 Excellence Award; University of Rochester Medical Center.

"Consistently demonstrates willingness to do whatever is needed to assist the team."

May 2017 Health Care and Society Letter of Commendation; Albany Medical College.

"Given to a medical student who displayed excellence in discussions regarding disparities that exist in society and how those issues relate to healthcare."

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

2023-present State of Rhode Island Allopathic Physician License with Controlled Substances Registration

OTHER APPOINTMENTS

2023-present Physiatrist, Brown University Health

HOSPITAL COMMITTEES

2021-2023 Unit-based Performance Program Committee

University of Rochester Medical Center

Rochester, NY

 Represented Residency Program in interdisciplinary quality improvement initiative to increase operational efficiency, patient safety, and staff morale on the inpatient rehabilitation unit.

2021-2023 Diversity Inclusion Culture Equity (DICE) Committee

University of Rochester Medical Center

Rochester, NY

- Resident Representative in discussions focused on shared goals and values and to promote a more diverse, equitable, and inclusive workplace
- As part of community outreach, I assisted in developing a project to improve no-show rates

MEMBERSHIPS IN SOCIETIES

2019-present Association of Academic Physiatrists

2019-present American Academy of Physical Medicine and Rehabilitation

2024-present Continental Who's Who Pinnacle Professional Member

PUBLICATIONS

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Lazaro RM, Smith JM, Bender N, Punreddy A, Barford N, Paul JH. Comparison of Pain With Ultrasound-Guided Intra-Articular Hip Injections With and Without Prior Subcutaneous Local Anesthesia. Clin J Sport Med. 2024 Jul 24. doi: 10.1097/JSM.000000000001260. Epub ahead of print. PMID: 39046314.
- Forrest G, Reppel A, Kodsi M, Smith J. Inpatient rehabilitation facilities: The 3-hour rule. Medicine (Baltimore). 2019;98(37):e17096. doi:10.1097/MD.0000000000017096

- 3. Smith HS, Smith JM, Smith AR. An overview of nausea/vomiting in palliative medicine. Ann Palliat Med. 2012;1(2):103-114. doi:10.3978/j.issn.2224-5820.2012.07.06
- 4. Smith HS, Smith JM, Seidner P. Opioid-induced nausea and vomiting. Ann Palliat Med. 2012;1(2):121-129. doi:10.3978/j.issn.2224-5820.2012.07.08
- 5. Smith HS, Bracken D, Smith JM. Gout: current insights and future perspectives. J Pain. 2011;12(11):1113-1129. doi:10.1016/j.jpain.2011.06.009
- 6. Smith HS, Bracken D, Smith JM. Pharmacotherapy for fibromyalgia. Front Pharmacol. 2011;2:17. Published 2011 Mar 31. doi:10.3389/fphar.2011.00017
- 7. Smith HS, Bracken D, Smith JM. Duloxetine: a review of its safety and efficacy in the management of fibromyalgia syndrome. J Cent Nerv Syst Dis. 2010;2:57-72. Published 2010 Dec 22. doi:10.4137/JCNSD.S4127

ABSTRACTS

- 1. Smith J, Morrison E. "Uncommon Presentation of Carotid Blowout Syndrome." Poster Presentation. Association of Academic Physiatrists Annual Meeting, New Orleans, LA. May 24-28, 2022.
- 2. Downing M, Smith J, Adler J. "A Successful Course of Inpatient Rehabilitation in a 13-year old male with Acute Flaccid Myelitis." Poster Presentation. Association of Academic Physiatrists Annual Meeting, New Orleans, LA. May 24-28, 2022.
- 3. Smith J, Smith K, Paul J, Barford N. "Synovial Hypertrophy Presenting as Groin Pain and Intraarticular Hip Mass." Am J PMR Vol 100, No 4 a1-a204 (Suppl), Apr 2021. Poster Presentation. Association of Academic Physiatrists Annual Meeting. [Virtual.] February 9-13, 2021.

UNIVERSITY TEACHING, ADVISING and MONTORING ROLES University of Rochester School of Medicine

2020-2023

Foundation of Biopsychosocial Practice (FBP)

Course: Taught history, physical examination and oral presentation skills to improve

patient interactions for future clinical rotations

Role: Lecturer Students: MS1

The Warren Alpert Medical School of Brown University

2024-present Faculty Advisor for PM&R Medical Student Interest Group

- Work with student representatives to coordinate events and generate interest in PM&R.
- Encouraging student engagement in national PM&R organizations such as AAPM&R or AAP.
- Ensuring that the group's initiatives align with departmental and institutional goals.
- Supporting the planning and execution of group events such as guest speaker talks, workshops, volunteer opportunities, and shadowing experiences.

2025-present Member of Council of Specialty Career Advisors

- Advising medical students on residency preparation, research opportunities, and clinical exposure in PM&R.
- Have regular meetings with advisees throughout the semester to assist with tasks such as reviewing personal statements and CVs for residency applications, navigating program selection and rank list, as well as reviewing and making recommendations on elective and subinternship selections and 4th year scheduling.

HOSPITAL TEACHING, ADVISING and MONTORING ROLES

University of Rochester Medical Center

2021-2022 PM&R Residency Didactic Lectures

Hand and Wrist Anatomy; 07/28/2022

Inpatient Rehabilitation Introduction and On Call Emergencies; 07/07/2022

Music and Dance Integrated Rehabilitation; 03/31/2022

Electromyography, Nerve Conduction Studies, and Anomalous Innervations;

10/07/2021

Tendon Pathology; 04/22/2021

Journal Club:

Neurological manifestations of long-COVID syndrome: a narrative review; 03/17/2022.

The Diagnostic Sensitivity for Ulnar Neuropathy at the Elbow Is Not Increased by Addition of Needle EMG of ADM and FDI When Nerve Conduction Studies Are Normal; 03/04/2021

Case of the Month:

CRPS after radical mastectomy with axillary lymph node dissection, 12/02/2021

2022-2023 Quality Improvement Project

"Inpatient Rehabilitation Communication Checklist"

• Led a multidisciplinary QI initiative to develop and implement a standardized communication checklist aimed at improving the quality, clarity, and consistency of patient transfer information from acute care to inpatient rehabilitation.

2022-2023 Quality Improvement Project

"Improvement of CPAP Adherence on Acute Inpatient Rehabilitation Unit"

- Led a multidisciplinary QI initiative aimed at increasing adherence to CPAP therapy among patients with obstructive sleep apnea (OSA) on the acute inpatient rehabilitation unit.
- Identified barriers to CPAP use including patient discomfort, lack of education, equipment issues, and inconsistent monitoring practices.
- Collaborated with respiratory therapy, nursing, and sleep medicine to develop and implement a standardized CPAP adherence protocol, including patient education materials, staff training, and daily adherence tracking.

Brown University Health

2023-present Assistant Professor and Clinician Educator, Department of Neurology

• Supervise and mentor medical students during outpatient PM&R rotations, providing instruction in musculoskeletal and neurologic physical exams, electrodiagnostic testing, rehabilitation planning, and patient-centered care.

ADDITIONAL TEACHING AND EDUCATIONAL MATERIAL

February 21, 2021 Podcast Episode "Thinking It Through with Dr. Naidoo, Child Psychiatrist".

"Episode 77 – Concussion Connections with Mental Health featuring Dr. Joshua Smith"

- Featured as a guest expert discussing the multidisciplinary approach to evaluation, management, and rehabilitation of pediatric patients with concussion.
- Shared evidence-based insights on symptom assessment, return-to-learn/play protocols, and the role of PM&R in pediatric brain injury recovery.
- Promoted awareness of physiatry's role in pediatric concussion care among healthcare professionals, educators, and families.
- Contributed to public and professional education through accessible, high-impact medical communication.