

Vivek I. Patel, MD

Internal Medicine Resident, PGY2

Education

2023 – PRESENT

Internal Medicine Resident Physician | Lakeland Regional Health | Lakeland, FL

- Inaugural Founding Internal Medicine Resident Class
- 910-bed comprehensive, tertiary referral hospital
- Level II Trauma center and the 2nd busiest single site ED in the US

2025 (credits completed, pending thesis dissertation)

Master of Public Health | Emory University | Atlanta, GA

2022

Doctor of Medicine | Xavier University School of Medicine | Aruba

- High Honors
- Professionalism Task Force, Student Judiciary Committee, Phi Chi Medical Fraternity

Master of Medical Science | University of South Florida | Tampa, FL

EMT-B, Emergency Medical Technician | Polk State College | Lakeland, FL

BA, Anthropology (UF Honors Program) | University of Florida | Gainesville, FL

Committee Experience

2024- PRESENT

C.A.R.E Community Service Committee, Vice-Chair

- Participated in LRH Barbershop ShopTalk – sole resident participant
- LRH Great-American Teach in – one of two residents with overall reach to >700 children
- LRH Hoopin' for Health 3v3 basketball tournament to promote healthy Lifestyle x2
- LRH Hollis Cancer Center Promise Run
- Morrell Internal Medicine Light Up Bonnett Springs Marketing Event

2024- PRESENT

Florida ACP Advocacy Subgroup of Residents and Students, Chair

- Led Resident and Student plenary session on Advocacy at ACP Florida's Fall Scientific Meeting
- Selected participant for ACP Leadership Day in Washington DC in 2024 and 2025.
- Selected participant for Health Policy and Advocacy Tallahassee Visitation Program 2025
- Planning committee for two trips to Tallahassee and Leadership Day in Washington DC for 2025

2024-PRESENT

LRH Community Needs Analysis Committee, GME Representative

2024-PRESENT

LRH Clinic Improvement Committee, Block B Representative

2023- PRESENT

Steering Committee, GME Representative

- Initiative to implement formsite email receipts e.g. when submitting reimbursement or applications

2023- PRESENT

Resident Recruitment Committee, Member

- Regularly led Q/A session interviews. Unique perspective as a local ambassador
- Second Look tour guide

2023-2024

DEI Committee, GME Representative

- Pending participation in Blake Davis Medical Academy to facilitate mentorship and exposure to underserved youth

Selected Research and QI Initiatives

The Ideal Initiation Time of VTE Prophylaxis After Acute Ischemic Stroke/TIA

Part of LRH initiative for comprehensive stroke center recertification. Observational Retrospective Cohort Study of 5400 patients at LRH over 10 years. Approved by IRB. Pending data from analytics.

Vivek I. Patel, Christiane Martell Rodriguez, Eden Crowsey, M Mrhaf Alsamman

Identifying the Top Three Social Determinants of Health – Community Needs Analysis

Danielle Drummond, Ray Ready, Nancy Finnigan, **Vivek Patel**, et al.

Resident Representative

General Medical Floor DKA Powerplan

(in process)

M Mrhaf Alsamman, **Vivek I. Patel**, Lyudmilla Sarder

Incorporating a Diabetic Pharmacotherapy Program at a GME Ambulatory Clinic

(in process)

Vivek I. Patel, Taylor Karns, Macie Kent, Melissa Rusli

Enhancing 360 Degree Evaluation Through Standardized One-Word Descriptors

Accepted to AIMW2025 in New Orleans

Vivek I. Patel, Christina Chen-Milhane, Melissa Rusli, M Mrhaf Alsamman

Analysis of Risk Factors for Hemorrhagic Transformation Post-Mechanical Thrombectomy in Patients Exempt from Alteplase Therapy

IRB exempt approved, pending data from analytics

Vivek I. Patel, Andrew Bugajski, Dr. Andrew Barbera

Evaluation of Process Behind Corrective Interventions in Lab Ordering Practices

(in process)

Document and assess the process that led to the identification and resolution of inappropriate HIV RNA PCR testing for screening purposes. Develop and test sustainable methods to prevent inappropriate lab test orders. Evaluate the longitudinal effect of resident education, specifically as PGY2/3 residents gain experience and oversight roles.

Vivek I. Patel, Theresa Ohrmund, Nancy Finnigan

From Bustle to Brilliance: Transforming one of the Busiest Non-Academic Hospitals in the USA into a Geolocated Academic Teaching Hub and its Impact on Value of Care

Tsai , Joshua; Carralero-Somoza, Daniela; Rivera Martinez, Juan Carlos.; **Patel, Vivek**; Lugo Rosado, Luis Daniel

Anomalous LAD - Submission to American College of Cardiology
Juan Rivera Martinez, **Vivek Patel**, Jose Lugo, Phillip Owen

Clinic No Show QI Project
Parker Williams, **Patel, Vivek**, et al

Selected Case Reports

Availability Bias and Screening Guidelines: Delayed Diagnosis of Tonsillar Lymphoma

Accepted to ACP Florida 2023

Vivek I. Patel, Joshua Tsai, Randy Khusial, Rachel Sankin, M Mrhaf Alsamman, Anas Bizanti

Adrenal Insufficiency Induced by Pembrolizumab (Keytruda) in a Patient with Metastatic Breast Cancer

Accepted to Central Florida Research Symposium 2024

Patel, Vivek; Barakat, Zein; Cariaga, Kaitlyn; Ahmad, Imran; Ali, Allia; Ahmed, Umair

Unveiling Complex Dermatological Manifestations Associated with Methamphetamine Abuse: A Diagnostic Challenge

Accepted to SHM Converge National Conference 2025

Vivek I. Patel, Christiane Martell, Archa James, Christina-Chen Milhone

Off-label rhPTH for Autoimmune Polyglandular Syndrome Type 1 (APS-1)

Submitted to ACP Florida 2025

Vivek I. Patel, Archa James, Erjola Balliu

IN PROCESS:

Brittle Diabetes, the dangers of alternating hypoglycemia and DKA

Megace induced T2DM

Thyroid Hormone Resistance Syndrome

Employment Experience

2020 – 2022

Coalition Support Intern | Task Force Global Health | Atlanta, GA

- Part of 5-person Campaign Internal Working Group and lead designer of “Decision Guidance Toolkit for People-Centered Integration of Health Campaigns” that is listed as a key resource in August 2021 Gavi Vaccine Funding Guidelines
- Presented and assisted in moderating three breakout sessions at the First Annual Health Campaign Effectiveness Coalition Meeting attended by global health leaders from 16 countries and representatives from the Bill & Melinda Gates Foundation, WHO, UNICEF, and Gavi

2020 – 2022

Graduate Research Assistant | Emory Centers for Training and Technical Assistance (DTTAC) | Atlanta, GA

- Direct coding of qualitative interviews at organization, master trainer, lifestyle coach, and participant level
- Conduct participant interviews, deidentify qualitative interviews, use MAXQDA for CFIR and NDPP themes

Other Extracurricular Activities

2022

American Society of Addiction Medicine (ASAM) Advocacy Event | Capitol Hill, Washington DC

- Led individual, virtual meetings with the offices of Rep. Scott Franklin (FL-15) and former Sen. Marco Rubio (R-FL) to advocate for MAT and MATE acts.

2019-present

Rotary International | District 6890 | Club 4319

- Volunteer at Feeding Tampa Bay's Polk County Mega Pantry in Lakeland, FL to mitigate COVID-19 food insecurity.
- World Polio Day Committee – Delivered keynote on “Polio from a Public Health Perspective” at event where former Rep. Ross Spano was the guest of honor. Part of delegation for World Polio Day Proclamation at Lakeland City Commission Meeting.

BAPS Charities | Thonotosassa, FL

- Overall Project Lead for Walk 2018 and Walk 2019 benefiting The Nature Conservancy and the Hillsborough County Fire Rescue Foundation. Collectively raised \$85,000+ over two years.
- 2015- 2021: Logistics Lead for monthly health awareness lectures on preventative health.
- 2016-2019: Logistics Lead for annual Health Fair that includes blood work, health screenings, and consultation with healthcare professionals. Attended by 40+ healthcare providers and 250+ participants in 2019.
- Media Relations Coordinator and Spokesperson for Walk 2011 benefiting Pepin Heart Hospital and Walk 2012 benefiting Moffitt Cancer Center. Interviewed by ABC WFTS-28 and CBS WTSP-10.

2019

Grant Writing Certificate | University of South Florida

- Certificate granting workshop series comprising of: Funding Strategy and Sponsors, eRA and Research Systems, Research Compliance, Research Methods, Tools & Tactics, Collaboration, Communication & Planning, Proposal Assembly & Submission Process, Mock Peer Review, and Peer Review Feedback.

Honors and Recognitions

- Invited to deliver Grand Rounds presentations at multiple GME residency programs on *Advocacy*
- 2023- Nominated to Leadership Lakeland
- 2023- Invited Speaker for PechaKucha keynote by EMERGE Lakeland and PlatformArt
- 2023- Inaugural “Clinic Champion”
- 2024- “Most Likely to be Teaching Faculty” at inaugural GME Internal Medicine Awards Ceremony
- 2025- Accepted to SGIM's Leadership in Health Policy Program (LEAHP)

Languages

- English (Native)
- Spanish (Intermediate)
- Gujarati (Fluent)
- Hindi (Intermediate)

Publications

Lugo, Luis Daniel; Williams, Parker; **Patel Vivek**, et al. Intern Mastery: Top 10 Internal Medicine Diagnoses at Busiest Hospitals in the Nation, 1st Edition. ISBN-13: 979-8874242954. Published: January 2024.

Lugo, Luis Daniel; **Patel Vivek**, et al. Intern Mastery: PGY-1 Excellence: A Roadmap from Med School to PGY-1 Internal Medicine Excellence, 1st Edition. ISBN-13: 979-8303056367. Published: January 2025.

Patel V. I., Manders O, Weber MB. *Participant Perspectives: A Qualitative Analysis of the CDC National Diabetes Prevention Program*.

Abstract presented at: Applied Practice Experience Program Poster Presentation Summer 2022 and Published in 2022 ETD Applied Practice Experience e-book, Atlanta, GA: Rollins School of Public Health at Emory University, 2022.

Jiao, X., Upadhyaya, C., Zhang, Z., Zhao, J., Li, Z., **Patel, V. I.**, & Pestell, R. G. (2022). Assays for the Spectrum of Circulating Tumor Cells. *Methods in molecular biology* (Clifton, N.J.), 2429, 533–545. https://doi.org/10.1007/978-1-0716-1979-7_37

Ashton, A. W., Dhanjal, H. K., Rossner, B., Mahmood, H., **Patel, V. I.**, Nadim, M., Lota, M., Shahid, F., Li, Z., Joyce, D., Pajkos, M., Dosztányi, Z., Jiao, X., & Pestell, R. G. (2024). Acetylation of nuclear receptors in health and disease: an update. *The FEBS journal*, 291(2), 217–236. <https://doi.org/10.1111/febs.16695>

Gittelman D, **Patel V**, Bazant E and the Campaign Integration Working Group of the Health Campaign Effectiveness Coalition. Decision Guidance Toolkit for People-Centered Integration of Health Campaigns. Decatur, GA: The Task Force for Global Health, 2021.

Saxby, K., **Patel, V.**, Singh, R., Guida, C., Ziemann, A., Falzarano, C., Sklarek, H. Hyperimmune State after Second Dose of the Pfizer-BioNTech COVID-19 Vaccine in a patient with pANCA positive Vasculitis. Stony Brook Southampton Hospital. Abstract presented at: American College of Physicians Annual Meeting and Published in Annual Scientific Poster Presentation e-book, September 2021.

Bazant, E., Gittelman, D., **Patel, V.**, Shrestha, S., Habtamu Ali, E., Preetha, GS. Promising Practices in Collaborative Planning for Integrated Health Campaigns: Synthesis of Case Studies in Neglected Tropical Diseases, Malaria, Vitamin A Supplementation, and Immunizations. Abstract presented at: American Society of Tropical Medicine and Hygiene Meeting, October 2022.