

# 2025-26 Preventive Medicine Residents



Amy Amuquandoh, MD, MPH  
2<sup>nd</sup> Year, Co-Chief Resident

**Dr. Amuquandoh** graduated from the University of North Carolina School of Medicine in 2023, having also earned her Master of Public Health from the UNC Gillings School of Global Public Health in 2022. Her dedication to using her medical degree in the field of global public health, particularly in addressing women's health, began during her senior year at Swarthmore College. After finishing her undergraduate studies, she completed a nine-month research internship with UNC Project Malawi in 2017, which solidified her passion for global health. As a Global Health Concentration Scholar at UNC SOM, her passion deepened as she led a feasibility study investigating the relationship between maternal nutritional intake and pregnancy outcomes. She completed her intern year in OBGYN at Prisma Health Greenville Memorial Hospital in Greenville, SC. Driven by a commitment to improving women's health on a global scale, Dr. Amuquandoh aspires to influence health practices and policies by combining her interests in women's health and global public health to improve community health worldwide. She is serving as co-chief resident in her 2<sup>nd</sup> year with Preventive Medicine Residency.



Jay Lusk, MD, MBA  
2<sup>nd</sup> Year, Co-Chief Resident

**Dr. Lusk** received his MD and MBA with a certificate in healthcare sector management from Duke University. He completed predoctoral fellowships with the Duke-Margolis Institute for Health Policy and the Duke Department of Population Health Sciences. He then completed a preliminary internship in Internal Medicine at Duke University. Jay is an aspiring clinician-scientist in preventive medicine and population health sciences. His areas of research expertise include the use of routinely collected healthcare data, such as electronic health record data and healthcare claims data, causal inference, and health equity promotion. His research interests include the prevention of chronic disease, with a focus on multimorbidity, cardiovascular disease, and dementia. Clinically, he is interested in brain health promotion and in deploying lifestyle and medical interventions in tandem to promote healthy longevity. In his spare time, Jay is a competitive barbershop quartet singer. He is serving as co-chief resident in his 2<sup>nd</sup> year with Preventive Medicine Residency.

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Kristina Bortfeld, MD  
2<sup>nd</sup> year resident

**Dr. Bortfeld** is a recent graduate of Emory's Internal Medicine Residency program in Atlanta, where she had the rewarding and dynamic experience of working in both a university hospital system, and at one of the largest public safety-net hospitals in the country, Grady Memorial. She is interested in reducing disparities in preventive health care services through changes in the local community, environment, and healthcare delivery. She is specifically interested in cardiovascular diseases and obesity medicine. She is originally from Ann Arbor, Michigan, but grew up between New Jersey and NYC before moving to the south. She loves to stay active by long distance running, gardening, swimming, and yoga (she is a certified teacher!).



Dwayvania (Dee) Miller, MD  
2<sup>nd</sup> Year Resident

**Dr. Miller** was born in Nassau, Bahamas and received her medical training at the University of the West Indies, Mona Campus. Upon completion of her medical degree, she completed her intern year and subsequent senior house officer years at the Public Health Authority (Princess Margaret Hospital and Rand Memorial Hospital) in The Bahamas. While working at these sites, she experienced first-hand how chronic non-communicable diseases contributed to issues of morbidity and mortality within the nation. She completed her internal medicine residency at Lincoln Medical and Mental Health Center in New York City where she saw the healthcare system challenges in serving this population and the valiant efforts put forth to eradicate them by the dedicated staff and faculty there. Currently, she is an Infectious Diseases fellow at the University of North Carolina. Her past experiences allowed her to see the importance of preventive medicine in the populations she has served. Looking toward the future, she hopes to use her training in Infectious Diseases and Preventive Medicine to improve healthcare for persons living with HIV globally.

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Julia Rees, DO  
2<sup>nd</sup> Year Resident

**Dr. Rees** earned her Bachelor of Science in Nursing from the University of South Florida and attended medical school at Lake Erie College of Osteopathic Medicine in Bradenton, Florida. She completed her transitional year residency at St. Petersburg General Hospital and will complete a Master of Public Health at the University of North Carolina Gillings School of Global Public Health. Her areas of interest include lifestyle medicine and chronic disease prevention in the community. In her spare time, she enjoys cooking, gardening, acrobatic sports, and outdoor activities with her dog.



Nandini Kumar, MD,  
1<sup>st</sup> Year Resident

**Dr. Kumar** is a family physician with a deep commitment to improving population health and advancing health equity. She holds a BA in Public Policy Studies from Duke University and earned her medical degree from the Wake Forest School of Medicine. Dr. Kumar completed her residency in Family Medicine at Duke University Hospital and worked for several years as a primary care physician in both rural and urban settings before joining the Preventive Medicine Residency Program at UNC Hospital, where she will also pursue a Master in Public Health. With over a decade of cumulative experience spanning higher education, community health, primary care, and health policy, Dr. Kumar has worked extensively with diverse and underserved populations across North Carolina. Her clinical and professional interests include preventive care across the lifespan, rural health, quality improvement, and lifestyle medicine. Outside of work, she enjoys time with her husband and children, a good cup of coffee, live music, and the outdoors.

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Pranati Panuganti, MD, MSc  
1<sup>st</sup> Year Resident

**Dr. Panuganti** completed her residency in Internal Medicine and Pediatrics at the University of North Carolina, where she developed a strong interest in cardiovascular health and disease prevention. She earned a BS in Nutrition from the UNC Gillings School of Global Public Health and went on to receive her MD and Master of Science in Primary Care and Population Medicine from Brown University. Through combined training in Preventive Medicine Residency and Adult Cardiology Fellowship, Dr. Panuganti aims to build a career as a primary care cardiologist and public health researcher focused on cardiovascular disease prevention. Outside of medicine, she enjoys yoga, biking, and hosting dinner parties with friends.



Alexander Young, DO  
1<sup>st</sup> Year Resident

**Dr. Young** is a native of Prince George, British Columbia. He graduated from the Arizona College of Osteopathic Medicine in 2020 and completed his internship in Internal Medicine at Naval Medical Center San Diego in 2021. Prior to joining UNC Preventive Medicine, he was a Medical Corps Officer in the US Navy. He finished a tour at A.T. Augusta Military Medical Center in Fort Belvoir, Virginia where he worked as the Officer in Charge of a Family Medicine Department and Army Troop Command's Battalion Surgeon. His final tour was with Naval Mobile Construction Battalion One in Gulfport, Mississippi, where he completed two deployments to Europe and served as the Medical Department head. Dr. Young's previous research was focused on the potential impact of environmental toxin exposure contribution to hearing damage and loss. His hobbies include DJ'ing and traveling. He has performed at events ranging from nightclubs in Washington DC, Anime conventions in Portland, weddings in Nashville, and parties in Italy. He has traveled to fifteen countries and thirty States.