

Humans of CDI

Dr. Onyinyechi Eke, MD, MPH

Emergency Medicine

Faculty and Director, Global Ultrasound, Mass General Hospital



Dr. Onyinyechi Eke completed her undergraduate education at the University of Maryland, College Park and received her medical degree from the Johns Hopkins School of Medicine, Baltimore. After residency training in Emergency Medicine at Cook County Hospital in Chicago, she completed a fellowship in emergency ultrasound at Massachusetts General Hospital and a Master of Public Health from the Harvard T.H. Chan School of Public Health, with a focus in clinical effectiveness.

Dr. Eke currently serves as Faculty and Director of Global Ultrasound in the Department of Emergency Medicine at Mass General. She teaches point-of-care ultrasound to medical students, residents, attendings and advanced practice providers across multiple medical specialties globally. Her research interests include the development of point-of-care ultrasound education and training in resource-limited settings particularly in sub-Saharan Africa, the use of remote technologies to augment point-of-care ultrasound education and the utilization of tele-ultrasound to facilitate patient care in the emergency department.

To learn more about the inspiring journey of Dr. Onyinyechi Eke, MD, MPH, Director of Global Ultrasound in the Department of Emergency Medicine at Mass General and a leader in point-of-care ultrasound education, keep reading.

What impact has receiving the PSDA/CTDA award had on your career and science?

The support from the CTDA award has provided protected time, mentorship and resources to perform clinical research while working as an attending physician in the MGH Emergency Department. It has also served as a catalyst to an academic career path, one that has been fueled by research I was able to perform because of the CTDA award.

When you started at MGH, what did you hope for or envision for your time here that's come true? What's surprised you? What were you hoping for that hasn't happened yet?

When I started at MGH, I hoped to complete my fellowship in emergency ultrasound and teach point-of-care ultrasound (POCUS) in resource-limited settings. After completing my fellowship, I am glad and surprised that I have been able to teach POCUS not only locally at MGH and HMS, but also regionally, nationally and internationally with partners in India, Nigeria, Rwanda and Ghana. I am hoping that we (my team and I) continue to build sustainable POCUS teaching programs with international partners, which is currently in progress.

What is you/your team's proudest accomplishment?

During the COVID-19 pandemic, my team and I organized a 2-day virtual point-of-care ultrasound (POCUS) course. We had about 300 clinicians from 18 countries, mostly from Sub-Saharan Africa, attend the 2-day course. It was a really proud moment for us because we were able to teach so many learners and received positive feedback from the learners and teachers.

Tell us about your heritage. How does your heritage influence your work?

I am Nigerian, born and raised. Like many immigrants, my parents made a lot of sacrifices and worked hard to ensure that my siblings and I could have access to opportunities, despite many obstacles and hardships. I am grateful for their sacrifice and do not take it for granted. So, in my work, I know how to do hard things just like my parents and I strive to move forward despite the obstacles.

What do you do for fun?

I enjoy reading fiction, especially fiction by African writers and listening to Afrobeats.

To read more stories like Onyinyechi's, [click here](#) or visit our website at massgeneral.org/cdi/resource-library/humans-of-cdi.