

Mamta Sadanah Swaroop MD, FACS

Mamta Swaroop, MD FACS is an Associate Professor of Surgery in the Division of Trauma and Critical Care Surgery and serves in the Center for Global Health in the Institute for Public Health and Medicine at Northwestern University's Feinberg School of Medicine. She completed her General Surgery residency at the University of South Florida in 2009 and her Surgical Critical Care Fellowship at Northwestern in 2010. She serves as the Global Surgery Program Director for the residency and as a coveted mentor for the medical students' Area of Scholarly Concentration Projects.

Dr. Swaroop's research focus is Academic Global Surgery, including trauma education and prevention. Her work spans across Southeast Asia to South America to locally in Chicago. Her research on helmet usage in female pillions (backseat passengers) on Motorized Two Wheeler added to the literature that led to legislative change in the governance of women needing to wear helmets in the capital city of New Delhi, India. In Bolivia, her team has written legislation for the implementation of a hybrid prehospital system, based upon local resources. Her work in Chicago, aims to empower communities to take action by making bystanders Immediate Responders during the first few minutes after a traumatic event. She is a Co-Editor of the book, *Success in Academic Surgery: Academic Global Surgery*. She has authored 30+ peer reviewed research articles, and presented nationally/internationally on Trauma and Global Surgery topics. She has served and serves on multiple national and international leadership boards.

For the past 8 years, Dr. Swaroop has worked as a Trauma, Acute Care, and Critical Care Surgeon at Northwestern Memorial Hospital. Outside her daily work, she developed an institute within Northwestern University, the Northwestern Trauma and Surgical Initiative (www.ntsinitiative.org) to research and improve access to health and trauma care, both in Chicago and in international settings with varying levels of both healthcare infrastructure and personnel. Living and working in Chicago, she has a deep appreciation for the strengths of the city and the complex challenge of high violence rates, homicides in particular are well known. The goal of the Trauma First Responder Course developed by Dr. Swaroop and her team is to empower the community and to involve and make changes - positive change from within the neighborhoods. The aim is to train and engage everyone in the community: high-school students, barbers, churchgoers, and high-risk individuals, transforming passive bystanders to active owners of their health and community. The Chicago Trauma First Responders Course is an opportunity to reduce the traumatic death toll in our Great City in a way that is simple, evidence-based, and community-driven.