Biomedical Informatics Grand Rounds
Wednesday, April 10, 2024
3:00 pm – 4:00 pm

Interface of Artificial Intelligence and Medical Practice

Veena Lingam MD, FAMIA, FACP
Clinical Assistant Professor & Hospitalist
Deputy Chief Medical Information Officer
Program Director, Clinical Informatics Fellowship
Stony Brook Medicine & SBMIT

Dipika Rana, MD FAAP
Biomedical Informatics Master's Candidate
SBM Biomedical Informatics Fellow

Lyncean Ung, DO
Clinical Assistant Professor. EM NYIT-COM
Assistant Program Director, EM Residency
Emergency Physician @ Nassau University Medical Center
SBM Clinical Informatics Fellow

Tejas Patel, MD
Attending Physician Psychiatry SBUH
Biomedical Informatics Master's Candidate
SBM Biomedical Informatics Fellow

Remote Access
Join Zoom Meeting https://stonybrook.zoom.us/j/95617197636?pwd=KytzZ2pVRG9SZGpKZUtpNXJISjNjZz09
Meeting ID: 956 1719 7636 Passcode: 924293

Bio: Veena Lingam is a Clinical Assistant Professor in Internal Medicine and Biomedical Informatics at Stony Brook Medicine. She completed her medical school in Siddhartha Medical College in India before residency in Internal Medicine at Stony Brook. She currently works as a hospitalist and is the deputy CMIO for Internal Medicine and the lead clinical informaticist for the Stony Brook Cancer Center.

Dipika Rana is a 2nd year clinical informatics fellow. After finishing Medical school here at Stony Brook, she was trained as a pediatrician at Yale NewHaven Children's hospital. She then practiced in a primary care setting that focused her interest in optimizing EMRs in order to improve patient care, enhance health outcomes, and strengthen doctor-patient relationships, as well as to prevent the ongoing physician burnout and attrition.

Lyncean Ung has been trained in emergency medicine and practice in community and academic settings for several years. He applied to fellowship with the goal of learning how to leverage technology so I can improve the delivery of high-quality care to patients.

Tejas Patel is a 2nd year clinical informatics fellow who completed Psychiatry residency training at Jamaica Hospital Medical Center in Queens, NY with an interest in the application of EMR optimization techniques, research methodologies, and data-driven insights to improve provider efficiency and satisfaction while positively affecting patient outcomes.

Abstract: This is a series of talks done by the current Clinical Informatics Fellows and their Program Director at the Biomedical Informatics program at Stony Brook School of Medicine. The talk begins with a brief overview of what is Artificial Intelligence and explores how physicians across the nation perceive this emerging technology. It will continue with current advances of Artificial Intelligence in clinical medicine and conclude with the challenges of integrating AI in our healthcare systems.

Educational Objectives:

1. Develop a basic understanding of Artificial Intelligence.
2. Understand the opinions of medical organizations, practitioners and patients.
3. List the available real-world uses of AI in healthcare.
4. Describe the challenges and limitations of the use of AI in clinical care.