



Dr. Sameer Antani leads several R&D projects applying his expertise in artificial intelligence (AI), machine learning, imaging data science, and informatics to life sciences research, education, and clinical care at the National Library of Medicine, part of the National Institutes of Health. Some current projects include the use of deep learning and AI techniques for automatic screening of digital chest x-ray images for tuberculosis (TB) and other pulmonary abnormalities, cervical cancer screening through colposcopic and histology images, etc. Dr. Antani is a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE) and the International Society of Optics and Photonics (SPIE). He serves as Vice Chair on two IEEE committees, the Computer Society's Technical Committee on Computational Life Sciences (TCCLS), and the Life Sciences Technical Community. Dr. Antani is an Editorial Board member of the Elsevier Journal Heliyon and of the MDPI Journal Data. Dr. Antani received his doctoral degree in computer science and engineering from the Pennsylvania State University.