



Sangya S. Varma, MSc, PhD, is a scientist, an inventor, an innovator, an educator, and a leader. She has 25+ years of combined industry and academic work experience. She was successful in translating 100% of imaging technology discoveries into FDA approved and CE marked medical devices, specifically for graft-versus-host disease applications. For five years, she was the chief operating officer of the New Jersey Center for Biomaterials (NJCBM), in-charge of all operations including administration, financial, human resources, and sponsored programs - federal, state, institutional, foundations, and industry. Previously, as Director, Dr. Varma led the Professional Science Masters (PSM) and Master of Business & Science (MBS) degree programs that are interdisciplinary, interschool, university wide to address the need of developing a highly trained workforce in science and technology with skills in business and management. She was successful in

transitioning the originally grant-funded program into a self-supporting unit in three years. Dr. Varma is the founding Director of Biofabrication and Biomanufacturing program, with a mission to develop experiential learning and skills training programs for the nascent biofabrication industry sector including additive manufacturing/3D bioprinting and digital dentistry. She is a co-investigator of the NIH REACH Rutgers Optimizes Innovation (ROI) Program and leads the educational and training aspects of ROI. She is currently responsible for the development of education programs together with communication in support of external engagement at Rutgers School of Arts and Sciences (SAS) Dean's office of the division of Mathematical and Physical Sciences (MPS) encompassing 6 departments: Chemistry and Chemical Biology, Mathematics, Physics and Astronomy, Computer Science, Statistics, Earth and Planetary Sciences. In particular, she is the co-lead on the undergraduate Data Science program that launched the Certificate program in Spring 2021. She is facilitating the development of Data Science Minor and Major, which will be coming soon!