

Biography

Sabyasachi Moulik, Ph.D.

I am a proud active member of ‘Sigma Xi, The Scientific Research Honor Society’ since 1997.

I was elected to Sigma Xi as full member by the Southern Appalachian Chapter (Johnson City, TN). Since then, I have been actively involved in the Southern Appalachian Chapter, Manitoba Chapter (Winnipeg, Canada), and for the past nine years in the Florida International Chapter of Sigma Xi (Miami, FL). I have served as the Treasurer-Secretary (2016-2017), Vice President (2017-2018), and two terms as President (2018-2020) of the Florida International University Chapter of Sigma Xi. I continue to serve the society as a member of Sigma Xi Executive Group of Florida International University. I have been involved with Sigma Xi STEM partnerships, and served as judge for the Conrad Foundation, and Sigma Xi Student Research Conferences. I have actively recruited new members and have been involved with organizing several local Sigma Xi annual events.

After completing MS and PhD in Biomedical Sciences from Quillen College of Medicine (East Tennessee State University), I did my postdoctoral training at the Diabetes Research Group, University of Manitoba, Winnipeg, Canada. I am currently Associate Professor (Educator Scholar track) in the Department of Cellular Biology and Pharmacology at Florida International University’s Herbert Wertheim College of Medicine (HWCUM). My research interest is in Endocrinology, and Medical Education. My primary responsibilities involve delivery, enhancement, and administration of education, as well as scholarship related to these activities. I teach across our preclinical curriculum, and I am the course director for two second year (Period 2) preclinical organ system courses: Endocrine System, and Renal System. I am also the course director for Medical Physiology in our Graduate Certificate in Molecular and Biomedical Sciences (GCP) Program and course director for Physiology and Immunology in our PhD program in Biomedical Sciences.

Teaching is my passion, I have taught medical students in India, Canada, USA, and the Caribbean for well over two decades. I strive to create an atmosphere of inclusiveness and use a variety of strategies to incorporate active learning into my teaching. My lectures are always interactive, I constantly engage the students by asking questions, and allow my students to freely express their ideas, I encourage them to think ‘outside the box’. All my course learning objectives correspond to the educational program objectives of HWCUM. I use ‘Bloom’s Taxonomy’ to create effective session learning objectives that measure knowledge, application, analysis, synthesis, and evaluation of core concepts. Through educational research and continuous self-evaluation, I continue to improve my teaching strategies and course materials, to better serve the evolving needs of my students.

I am committed to furthering the vision and philosophy of Sigma Xi, and help build an inclusive, and diverse community of researchers.