Pre-doctoral Internship available in Nanoscale Probing of Gene Expression

One Pre-doctoral Research trainee Internship position is available in the Gruss-Lipper Biophotonics Center at Albert Einstein College of Medicine in New York City for the study of nanoscale structural and functional mechanisms of mammalian gene expression. The PI's research is focused on studying human mega-Dalton sized transcription initiation assemblies directing gene expression programs responsible for tumor suppression and cancer stem cell differentiation. The predominant experimental approaches use innovative single particle cryo-electron microscopy and high precision single molecule live cell imaging.

Qualified candidates must hold a Bachelor or Masters degree majored in Physics, Biophysics, and computer science. The successful applicants will receive excellent research experiences from the PIs and the cutting-edge interdisciplinary, innovative, and collaborative research environment in the Gruss-Lipper Biophotonics Center at Einstein. The Center is dedicated to developing advanced techniques to address devastating disease-driven biological questions and therapeutic targets.

The Liu and Coleman labs are seeking outstanding candidates who are self-motivated and devoted to join our research team. The research environment at the Gruss-Lipper Biophotonics Center is outstanding and the greater community offers numerous opportunities. Enthusiastic and highly motivated candidates are encouraged to contact Dr. Robert Coleman by e-mail at Robert.coleman2@einstein.yu.edu with a CV and at least three references.