

Mahmooda Sultana received her Ph.d in Chemical Engineering in 2010 from Massachusetts Institute of Technology and B.Sc. in Chemical Engineering and Mathematics from University of Southern California with Summa Cum Laude. She joined NASA Goddard Space Flight Center in 2010. She has led the development of graphene based detectors at NASA Goddard. Her research interests include graphene, nanomaterials, Micro-Electro-Mechanical Systems (MEMs) devices, and sensors. She has received numerous awards for her work, including Group Achievement Award for James Webb Telescope, NASA Early Career Achievement Medal, ISTD New Achiever Medal, Bell Laboratories Graduate Research Fellowship, NSF Graduate Research Fellowship, and WmC and Margaret H Rousseau Fellowship at MIT.