Mr. Pereira is a doctoral student of the Chemistry Department at University of Central Florida. He works developing new pesticides for sustainable agriculture, focusing on zinc and magnesium nanomaterials as alternatives for copper biocides. He is actively involved with MISA collaborative research, education and outreach activities, mentoring several UG and MS students in an interdisciplinary environment. He wants to serve as an ambassador for students who are passionate about nanotechnology for sustainable agriculture.