

Dr. Mathews L. Paret is an Associate Professor of Plant Pathology at the University of Florida. For the past many years, he is leading a research program on nanomaterials to manage bacterial pathogens including *Xanthomonas*, *Pseudomonas* and *Ralstonia* species, and viral pathogens including tomato yellow leaf curl virus and cucurbit leaf crumple on vegetable crops. His work takes a holistic view of the potential of engineered and non-engineered nanomaterials including lab, greenhouse and field experimental approaches and studies to understand mechanism of action, fate of the particles in soil, fruits and impact on soil microbiome.