

Research Associate Position in Plant Biotechnology:

Dr. Sanju A. Sanjaya's lab at the West Virginia State University (WVSU) has immediate Research Associate position is available to study seed storage compound metabolism in plants ([http://www.wvstateu.edu/Faculty/Dr-Sanjaya-\(1\).aspx](http://www.wvstateu.edu/Faculty/Dr-Sanjaya-(1).aspx)). The specific focus of the project is to understand the mechanisms of lipid metabolism, regulation, and storage in plants. The project involves biochemical characterization of the membrane and neutral lipid metabolic pathway, generation of transgenic and genome edited plants impaired in lipid accumulation in seed and vegetative tissues, quantification of different lipids (membrane lipids and triglycerides), transcriptomic and metabolomics analysis of transgenic/ mutants in response to different environmental stresses. The successful candidate must have a Ph.D. in a relevant discipline, experience in analytical biochemistry, particularly lipid identification and quantification, molecular biology and related fields and record of publications. Experience in working with plants is desired. The research associate is expected to be creative and independent and also work as a team and oversee routine lab management and maintenance tasks. For additional information on the project, please contact Dr. Sanjaya directly at sanjaya@wvstateu.edu.