Post-doctoral Research Associate Position in Bioenergy:

Dr. Sanjaya lab at the West Virginia State University (WVSU) has immediate post-doctoral Research Associate position available to study carbon metabolism and biofuels production in photosynthetic organisms (http://www.wvstateu.edu/Academics/Academic-Degrees/Undergraduate-Degrees/Department-of-Biology/Faculty-Staff/Dr-Sanjaya.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 surface, membrane and neutral lipid metabolic pathway, generation of transgenic/mutants impaired in lipid accumulation in seed and vegetative tissues, quantification of different lipids (membrane lipids and triglycerides), other metabolites, transcriptomic and proteomic 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 and green algae 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. The position involves collaboration with internal and external collaborators. For additional information on project, please contact Dr. Sanjaya directly at sanjaya@wvstateu.edu.

For full details log on to: http://www.wvstateu.edu/RDCorp.aspx.