



**LSU AgCenter: School of Plant, Environmental and Soil Sciences**

Spring & Fall 2023

**Supervisor/Mentor:**

Dr. David Picha, PhD.

Profile: <https://www.lsuagcenter.com/profiles/dpicha>

**Job Description:**

The scholar will participate in applied and basic research on postharvest technology and physiology of horticultural crops. Tasks to be conducted include determining the effect of storage temperature, storage atmospheric conditions, cultivar, and packaging treatments on fruit and vegetable crop physiology, composition and quality. Research activities will involve sample preparation, filtration, and quantification of individual sugars, organic acids, and vitamins by high performance liquid chromatography (HPLC), gas chromatography (GC), and spectrophotometry. The effect of agro-processing conditions on value-added fruit and vegetable product composition and quality will also be analyzed.

**Academic Classification:**

Requesting M.S. or PhD. students with previous experience working in a laboratory.

**Contact Information:**

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