



DR. CATHERINE R. SIMPSON

Assistant Professor,
Plant & Soil Science

*Urban Horticulture involves many diverse academic and professional fields, but building these bridges through research and education can improve **quality of life, nutrition, and resource sustainability** for urban and peri-urban communities.*

RESEARCH EXPERTISE

- Plant physiology and nutrition
- Water use efficiency through management practices
- People-plant interactions
- Plant-soil-water interactions
- Remote sensing in perennial systems
- Citrus physiology and sustainability
- Plant stress tolerance

PROFESSIONAL PREPARATION

- B.S. Texas A&M University-Kingsville, 2003
- M.S. Texas A&M University-Kingsville, 2005
- Ph.D. Texas A&M University, 2013

FAVORITE ARTICLE

Kathi, S., Laza, H., Singh, S., Thompson, L., Li, W., & Simpson, C. (2022). Increasing vitamin C through agronomic biofortification of arugula microgreens. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-17030-4>

WHAT MAKES THE DAVIS COLLEGE GREAT?

The Davis College is great because of the friendly and supportive faculty and staff. I feel everyone is helpful and collaborative which is a great atmosphere in which to work. I also believe that, collectively, our research and scholarly endeavors are stellar and we have an excellent commitment to students.