



Institute of Food and Agricultural Sciences  
Department of Horticultural Sciences  
Citrus Research and Education Center

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**Use biology to help solve a food production crisis**

*Post-doctoral position available to work on citrus physiology*

Currently citrus greening disease poses an existential threat to Florida citrus production, and plant biology can contribute to managing or solving this problem.

A post-doctoral research position is available for research in citrus physiology in the Horticultural Sciences department at the University of Florida. The objective of this project is to manage citrus vegetative phenology to improve insect pest management. The selected candidate will manage experiments regarding phytohormonal effects on vegetative growth phenology and development. The selected candidate would have the opportunity to use unique methodologies at the Tree Physiology laboratory to assess photosynthetic development and carbohydrate translocation.

The selected candidate is expected to have a PhD in plant biology, horticulture, or a related discipline, and an interest in plant biology and horticultural production. Experience in the areas of growth analysis, phenology, or photosynthesis and respiration would be useful to this position. Valued skills include clear writing skills and statistical analysis.

The ecophysiology lab ([website here](#)) at the Citrus Research and Education Center in Lake Alfred, Florida, uses whole-plant physiological approaches to address challenges in horticultural productivity. The purpose of this program is to serve Florida perennial fruit crop producers with production methods and biological understanding to improve in the traditional citrus region. Examples of research topic include: How citrus shade acclimation and water-acclimation mitigate whole plant carbon allocation, water relations, and tolerance of *Candidatus liberibacter asiaticus*, the causal agent of greening.

If interested please send CV and a sample of writing (preferably from a peer-reviewed publication) to Christopher Vincent at [civince@ufl.edu](mailto:civince@ufl.edu).