**Postdoctoral Research Associate at University of Florida – Garden Plant Breeding and Gene Editing**

The ornamental plant breeding laboratory at the University of Florida’s Gulf Coast Research and Education Center is seeking a highly motivated postdoctoral research associate to work on ornamental plant breeding and genome editing. The Gulf Coast Research and Education Center (<https://gcrec.ifas.ufl.edu/>) is located in the Tampa Bay area ([https://en.wikipedia.org/wiki/Tampa,\_Florida](https://en.wikipedia.org/wiki/Tampa%2C_Florida)) in central Florida.

Primary research responsibilities will include 1) screening garden plants (caladium, lantana, etc.) for herbicide tolerance; 2) inducing and selecting herbicide-tolerant mutants from tissue culture; 3) conducting chemical mutagenesis to induce herbicide-tolerant mutants; and 4) editing genes for herbicide tolerance. Additional research responsibilities may include generating new triploids, evaluating male and female sterility, genome sequencing, and/or developing molecular markers. It is expected that research results will be published in peer-reviewed journals and communicated through scientific presentations and stakeholder interactions.

The position will be available in January 2024. The employment will be for two years.

**Expected Salary:** Commensurate with education and experience.

**Minimum requirements:**

* Ph.D. degree in plant breeding, genetics, horticulture, or related plant science fields.
* Self-driven and having an excellent publication record.
* Strong work ethics, motivation, and creativity.
* Excellent communication and writing skills.

**Preferred Qualifications:**

* Experience with plant tissue culture, mutation induction, and gene editing.

**Special Instructions to Applicants:**

Send a cover letter with a statement of research interest, CV, graduate transcripts, and contact information for three references to Dr. Deng at zdeng@ufl.edu.

**Closing date:**

Applications will be reviewed until the position is filled.