Postdoc position in Improving Photosynthetic Efficiency

A postdoctoral research position is available in the laboratory of Paul South at Louisiana State University for the development, testing, and validation of genetic constructs to engineer improved photosynthesis through modification of photorespiration in plants. Genetic constructs will need to be engineered for plants including tobacco, potato, tomato, rice, soybean, and cowpea. The goal of the research position is to generate improved photosynthetic efficiency through alternative photorespiration metabolism.

The postdoctoral position is currently funded for two years with opportunity for renewal.

The position is part of the international Realizing Increased Photosynthesis research group [https://ripe.illinois.edu/](https://ripe.illinois.edu/) with a focus on engineering crops to be more productive by improving photosynthesis, the natural process all plants use to convert sunlight into energy and yields.

**Position requirements**
- PhD in Plant biology, Plant physiology, Biochemistry, Molecular biology, or similar field of study.
- Experience in molecular cloning, genome editing, and plant physiology preferred.

Interested applicants should visit the Louisiana State University careers site [https://lsu.wd1.myworkdayjobs.com/LSU/job/LSU---Baton-Rouge/Postdoctoral-Researcher_R00044336](https://lsu.wd1.myworkdayjobs.com/LSU/job/LSU---Baton-Rouge/Postdoctoral-Researcher_R00044336) to apply.

**Application material**
- CV including education, research experience, and publication activity.
- List of three references with full contact information.
- A short description of your experience with plant biology.

For questions or more information related to the position please contact:
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