Postdoctoral Positions in Plant Synthetic Biology and Plant Metabolic Engineering

Position Summary:

The Shih lab has several openings for postdoctoral fellows at the Joint BioEnergy Institute/Lawrence Berkeley National Laboratory and UC Davis. Our group focuses on developing synthetic biology approaches to enable complex plant engineering efforts and expand our basic understanding of plant systems. We take an integrative approach to investigate three broad questions:

1) What are the technological limitations of plant systems?
2) To what extent can we manipulate plant metabolism?
3) Can we engineer and improve upon core metabolic processes?

We have a number of projects funded by DOE and NIH spanning research from basic evolutionary questions to engineering traits for applications in bioenergy, agricultural sustainability, and human health.

We are a new and growing lab, looking for creative and motivated individuals to help build an interdisciplinary team. We are currently recruiting postdocs with a background in a number of different disciplines including synthetic biology, plant molecular biology, metabolomics, natural products, biochemistry, and/or genome engineering.

The Shih lab is physically located in two sites: 1) UC Davis and 2) the Joint BioEnergy Institute – Emeryville, CA (near Berkeley). There are multiple postdoc positions currently open at the Joint BioEnergy Institute, which is part of the Lawrence Berkeley National Laboratory. Multiple postdoc positions will open at UC Davis starting this fall.

If you are interested in joining the lab, please email Patrick Shih (pmshih@lbl.gov) a cover letter describing your research interests and qualifications, your CV, and contact information for three references.

More information available at http://shih-lab.ucdavis.edu/