

Postdoctoral Scholar in Metabolic Engineering of Cyanobacteria

Position Summary:

The Shih lab invites applications for a postdoctoral position focused on engineering cyanobacteria. We are looking for candidates with a strong background in cyanobacterial genetics, synthetic biology, metabolic engineering, and expertise in central carbon metabolism. The postdoc will work with an interdisciplinary team on improving carbon efficiency of biological systems.

More broadly, the Shih lab is interested in utilizing computational and evolutionary approaches to identify strategies to improve carbon fixation and photosynthesis in cyanobacteria. Additional background in biochemistry, enzymology, structural biology, and/or experimental evolution (e.g., chemostat/turbidostat experience) would also be a strength. A successful candidate may not have experience in all relevant fields; however, they should be motivated to learn and pick up new skills.

This position will be located at Berkeley, CA.

If you are interested in joining the lab, please email Patrick Shih (pmsih@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/>