ILLINOIS
Carl R. Woese Institute
for Genomic Biology

Postdoctoral Research Associates in Photosynthesis Research

The Carl R. Woese Institute for Genomic Biology (IGB) at the University of Illinois at Urbana-Champaign has an **open call for postdoctoral research fellows** to help engineer photosynthesis for sustainable yield increases in both food and bioenergy crops under global change conditions. The IGB serves as a cross-disciplinary melting pot, enabling team scaling from bioengineering *in silico* and *in vivo* through physiological high-throughput phenotyping to field crop performance testing.

Successful candidates will support several research efforts including:

- Realizing Increased Photosynthetic Efficiency (RIPE) sponsored by the Bill & Melinda Gates Foundation, Foundation for Food and Agriculture Research (FFAR), and the UK Government's Department for International Development (DFID)
- Renewable Oil Generated with Ultra-productive Energycane (ROGUE) sponsored by the U.S. Department of Energy
- Center for Advanced Bioenergy and Bioproducts Innovation (CABBI) sponsored by the U.S. Department of Energy

Applicants must have obtained a Ph.D. (or equivalent) in the last 8 years in molecular biology, mathematical modeling of biological systems, plant physiology, crop sciences, or related fields. Commitment to make a difference and to work in a team is required.

We are now accepting applications to fill at least seven vacancies but will consider adding positions to recruit more top talent to Illinois. Labs with openings include Donald R. Ort, Stephen P. Long, and Carl J. Bernacchi. Submit your CV, Research Statement, and three references to ROGUE Project Manager Yun Li at yunl68@illinois.edu. To be given full consideration, applications must be received by **April 13, 2020**.

The University of Illinois is a world leader in photosynthesis research and has contributed to some of the most seminal discoveries in photosynthesis. Illinois is uniquely positioned to capitalize on the traditional strengths in photosynthesis research with the emerging engineering/technological capabilities associated with genomics and DNA editing, and modeling whole plant-environment interactions.

Established in 2007, the Carl R. Woese Institute for Genomic Biology is an interdisciplinary institute dedicated to transformative research and technology in life sciences using team-based strategies to tackle grand societal challenges. The IGB serves as a centralized location for biological and biotechnological research at the University of Illinois.

Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply. For more information, visit http://go.illinois.edu/EEO.