

Postdoctoral Research Associate in the area of microalgae cultivation

JOB AD #11528

The Arizona State University's Swette Center for Environmental Biotechnology and Dr. Bruce E. Rittmann invite applications for a Postdoctoral Research Associate in the area of microalgae cultivation. The post-doctoral associate will be take a leadership role in a DoE-funded project evaluating and implementing designs for microalgae cultivation systems involving CO₂ delivery with hollow-fiber membranes. Priority will be given to candidates with experience working microalgae and/or hollow-fiber membrane based bioreactors. The post-doctoral associate will be responsible for experimental design and implementation, data analyses, and report/manuscript preparation. The post-doctoral associate also will assist in obtaining future funding. Establishing and sustaining interactions among faculty, post-docs, and students across the Center and the University will be central to the position, and coordinating among team members will be indispensable for leading the team's efforts and delivering milestones of the DoE-funded project.

Qualifications:

Ph.D. in environmental engineering, chemical engineering, or allied discipline; interest in renewable bioenergy using microalgae; excellent oral and written communication skills.

The position will be available from 1 July 2016, and it is essential that the post-doctoral associate begin no later than 1 September 2016.

To apply, please submit to Carole.Flores@asu.edu as a single pdf document the following materials: 1) a cover letter specifying relevant qualifications and training, 2) curriculum vitae, 3) statement of current research interests and expertise (2-page maximum), 4) contact information for at least three professional references, and 5) at least one peer-reviewed publication. Please include "Application for Microalgae Postdoc" in the email subject line. Initial review of applications will begin on **April 15, 2016**; As long as the position is not filled, review will continue every week thereafter until the search is closed. A background check is required for employment. Salary is negotiable based on the candidate's experience and ASU salary scales.

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 80,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and it welcomes students from all fifty states and more than one hundred nations across the globe.

Arizona State University is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law.