Postdoctoral Research Associate – Microbial metabolism and biofuels

Opportunity:
The Amador-Noguez lab in the Department of Bacteriology at UW-Madison invites applications for a postdoctoral position. Our research program integrates cutting-edge experimental technologies including LC-MS based metabolomics, proteomics, and computational tools to gain a holistic and quantitative understanding of bacterial metabolism. We have opportunities in several areas, including metabolic regulation in emerging microbial biofuel producers (e.g. Z. mobilis, S. cerevisiae), metabolic remodeling during biofilm development in B. subtilis, and bacteriophages. The position is for a highly motivated, new or recent Ph.D. graduate who strives to develop an independent research career. This position will provide a unique opportunity to gain experience in a highly interdisciplinary research environment, access to state-of-the-art resources, and close collaboration with researchers at the Great Lakes Bioenergy Research Center (GLBRC), Center for Bioenergy Innovation (CBI), and the University of Wisconsin-Madison.

Requirements:
Candidates should have a doctoral degree (PhD) in biochemistry, microbiology, molecular biology, chemistry, biological and chemical engineering, or related field. The ideal candidate is a creative, productive and self-motivated individual with the ability to think critically, learn quickly, function both independently and within a team, and possess strong written and verbal communication skills. Expertise in one or more of the following areas is highly desirable but not required: metabolomics, metabolic network analysis, microbial genetics, genetic engineering, computational modeling, mass spectrometry, and microscopy.

To Apply:
Qualified individuals interested in this opportunity should submit their curriculum vitae, a cover letter detailing their research experience and research interest, and contact information of three references to: amadornoguez@wisc.edu. Applications will be reviewed on a rolling basis.

The University of Wisconsin-Madison is an equal opportunity and affirmative action employer.

Start Date: April/May 2020
Percent Time: 100%
Salary: Starting salary follows NIH NRSA Postdoctoral stipend rates, commensurate with experience