



## 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](mailto: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