

## POSITION ANNOUNCEMENT

### Postdoctoral Research Scientist - Geomicrobiology/Microbial Ecology

Applications for a postdoctoral position in Geomicrobiology/Microbial Ecology in Craig Moyer's lab at Western Washington University are now being accepted. This Postdoctoral Research Scientist will help carry out a project analyzing the community structure and diversity of marine microbial mats living at hydrothermal vents. This is a collaborative project aimed at understanding the functional genomics of microbial communities that form microbial mats, fueled by iron-rich hydrothermal vent fluids associated with submarine volcanoes. The project will involve manipulation of metagenomic datasets and include the use of an array of molecular microbial screening tools, such as qPCR and T-RFLP analysis. The overarching goal is to develop a detailed understanding of ecological interactions between different populations of Fe-oxidizing bacteria, and to learn how they influence the greater microbial community. This position is funded for two years with the possibility of funding for a third year.

The well-suited applicant must hold a Ph.D. in microbiology, oceanography, or a related field and should possess experience with metagenomic datasets, bioinformatics, and molecular biology. Experience in microbial ecology including both cultivation-independent and -dependent methods, an interest in geomicrobiology and deep-sea oceanography, and a curiosity about the application of ecological principles to marine microbes will also be considered. The individual must be able to participate in extended oceanographic cruises.

At WWU, a primarily undergraduate and M.S. degree institution, this postdoc position will have ample opportunities to participate in the mentoring both undergraduate and graduate students. As part of the professional advancement plan, this postdoc will have access to advanced training in bioinformatics offered through a collaboration between the biology and computer science departments at WWU as well as with outside collaborators. If desired, teaching development opportunities will also be made available through WWU's science education program. This project is funded by a grant from the National Science Foundation.

Applicants should send their CV, a letter of intent describing candidate's motivation, qualifications, skills, and experience relevant to this position, and contact information for three references to Craig Moyer at [cmoyer@hydro.biol.wwu.edu](mailto:cmoyer@hydro.biol.wwu.edu). For full consideration, the application should be received by June 15, 2012. WWU is an Equal Opportunity Employer.