Postdoc Position: Evolutionary Genomics at Washington State University

A postdoctoral position is available in the laboratory of Dr. Joanna Kelley, in the School of Biological Sciences at Washington State University in Pullman, WA (labs.wsu.edu/genomes). The research goals of the laboratory are to use genomic and computational methods to understand the genomic basis of adaptation to extreme environments. We are interested in understanding how genetic and environmental variation interact to drive population differentiation and adaptive evolution. The School of Biological Sciences at Washington State University has a strong research presence in evolution and ecology research and there are many opportunities for interaction and collaboration. The postdoctoral position is a computational genomics position studying phenotypic plasticity in the mangrove rivulus, Kryptolebias marmoratus. The candidate will lead an exciting research project studying genome, transcriptome and phenotypic data from many lineages of this primarily self-fertilizing hermaphroditic fish.

The ideal candidates will have recently completed or be completing a PhD degree in Genetics, Genomics, Computational Biology or related disciplines. We welcome applications from candidates with diverse backgrounds. Applicants must have at least one strong first-author publication. A computing background is desired, especially experience with Linux, and knowledge in at least one programming language. Prior experience with handling large-scale data and with the use of bioinformatics and statistical tools would be an advantage. Candidates should have strong organizational, written, and oral communication skills; and be able to work both independently and as part of a collaborative team. Applicants will be encouraged to develop and lead independent projects.

The appointment is for two years. Salary is competitive and commensurate with experience, and benefits are included. Applicants should email Joanna Kelley at joanna.l.kelley@wsu.edu and include curriculum vitae, cover letter that includes a statement of research interests that explicitly describes your professional qualifications for the position, and contact information for three references. Applications will be accepted through May 15th. The desired start date is August 2016.