

Postdoctoral Position in Population Genetics at the University of Wisconsin at Madison

A NIH-funded POSTDOCTORAL POSITION is available in the laboratory of Dr. Bret Payseur in the Laboratory of Genetics at the University of Wisconsin (Madison, WI). The research focus will be the inference of evolutionary processes from genome-wide patterns of DNA polymorphism. Potential topics include (but are not limited to): the detection and characterization of natural selection operating on different timescales, the measurement of population structure and demographic history, and genome-wide association mapping of complex traits.

The position offers several notable advantages. The postdoctoral researcher will work at the interface between genomics and population genetics, an exciting and rapidly expanding area with wide-ranging applications. The Payseur lab, whose members conduct research on a broad array of interesting topics in evolutionary genetics, provides a stimulating and interactive environment conducive to inter-disciplinary training. The postdoctoral researcher will have the opportunity to collaborate closely with Professor Payseur, who is actively engaged with each project in the lab. Salary and benefits are competitive. The term of the position is flexible.

The Laboratory of Genetics features a strong historical tradition in population genetics, which includes Sewall Wright, Motoo Kimura, and James Crow. UW-Madison has a thriving community of evolutionary biologists from departments across campus (<http://evolution.wisc.edu/>). The university is also very strong in related fields, such as statistical genetics. Madison is consistently ranked as one of the best U. S. cities in which to live.

The primary qualification for the position is a Ph.D. in population genetics, evolutionary biology, bioinformatics, computer science, statistics, genetics, applied mathematics, or a related field. Proficiency in programming and/or statistics is highly desirable.

Applicants should send a cover letter summarizing their research background and interest in the position, a recent CV, and contact information for three references (all as pdfs) to Bret Payseur at payseur@wisc.edu. Review of applications will begin immediately and continue until the position is filled.