

Postdoctoral Associate Position  
Population Genetics of Sex Chromosome Evolution

A postdoctoral research associate position is available within an NSF-funded project to study ecological and genetic factors influencing the dynamic movement of sex determination regions and sex chromosome evolution within the *Salicaceae* (poplars and willows). The project focuses on mapping sex determination regions from representatives throughout the family, understanding the genetic basis of gender dimorphism in floral and foliar defense and pollinator attraction chemistry, and assessment of population genetic patterns across the sex determination and pseudo-autosomal regions of the sex chromosomes. Training opportunities also include potential visits to collaborating labs in the US and China. The successful candidate will be familiar with NGS data handling and a scripting language (Perl or Python), be familiar with the Linux environment, have a strong background in statistics (R), and strengths in population genetics and/or systematics. An earned PhD is required. Additional information about the Olson lab can be found at [www.faculty.biol.ttu.edu/olson/Research.html](http://www.faculty.biol.ttu.edu/olson/Research.html) and general information concerning the Department of Biological Sciences can be found at [www.depts.ttu.edu/biology/](http://www.depts.ttu.edu/biology/).

The position is available as soon as March 2016, but the exact start date is flexible; a delay of several months is possible for the right candidate. The position is available for up to two years, assuming a satisfactory review after the first year, and may be renewable beyond that. Salary will be competitive and commensurate with qualifications and experience. Interested applicants should send a letter of interest, CV, and names and email addresses of 3 references to Matt Olson, Department of Biological Sciences, Texas Tech University, P.O. Box 43131, Lubbock, TX USA 79409-3131, or email [matt.olson@ttu.edu](mailto:matt.olson@ttu.edu). Review of applications will begin on Dec 1 and continue until a suitable candidate is selected. Texas Tech is an equal opportunity/affirmative action employer.