

Postdoctoral position is available for research in evolutionary genetics of infectious diseases in Arizona State University (ASU)

A postdoctoral position is available for research in evolutionary genetics at Arizona State University (ASU). The funding is available for two years, with good possibility of a year extension. The successful applicant is expected to (i) generate sequencing, SNP, and/or microsatellite data from malarial parasites and (ii) perform phylogeography and/or evolutionary genetic analyses using software commonly available. Overall, the project involves the analysis of malaria parasite genomic data for inferring parasite demographic structure and evolutionary events involving the evolution of adaptive genetic variation. These problems will be addressed in the broad context of adaptive multi-locus evolutionary dynamics under temporally and spatially heterogeneous selection. He or she in this position will collaborate closely with both Dr. Ananias Escalante (evolutionary genetics of malaria parasites) and Dr. Yuseob Kim (theoretical population genetics) of the School of Life Sciences in ASU. The applicant should be proficient in evolutionary genetics and be able to perform statistical data analysis of DNA sequence/microsatellite variation. This position offers the opportunity of interacting with a multidisciplinary group of professionals at ASU, U. of Washington, The Pennsylvania State University, and malaria endemic countries. Knowledge in malaria biology or infectious diseases is not required. Candidates must have earned a Ph.D. in biology or a related field at the time of appointment.

To apply send a CV that includes a list of 3-4 professional references and contact information, a personal statement, and one or two selected publications by email to Ananias.Escalante@asu.edu or by mail to: Ananias Escalante, School of Life Sciences, Arizona State University, PO Box 874501, Tempe, AZ 85287-4501. Informal inquiry is encouraged. The initial deadline for receipt of applications is February 1, 2009, with applications reviewed weekly thereafter until the search is closed. Arizona State University is an affirmative action, equal opportunity employer committed to excellence through diversity.