



Research Associate

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Position

Title

Research Associate

School

Harvard T.H. Chan School of Public Health

Department/Area

Department of Immunology and Infectious Diseases

Position Description

The Neafsey Lab at the Harvard T.H. Chan School of Public Health is seeking a Research Associate to contribute to our research program in the evolutionary genomics of malaria (<https://sites.sph.harvard.edu/neafsey-lab/>). The successful candidate will develop a personal research program as well as manage experimental laboratory processes, including high throughput DNA extraction and multiplexed PCR assays to perform targeted Illumina sequencing. Our lab generates and analyzes large genomic datasets from malaria parasites and vector mosquitoes to understand mechanisms of disease evolution, transmission, population dynamics, drug resistance, immune evasion, and host/vector/pathogen interactions.

Ideal applicants will have a PhD in a relevant field, with strong background in molecular biology and/or molecular genetics, ideally in the context of malaria or other infectious diseases. The successful candidate will join a diverse group with expertise that spans molecular epidemiology, computational biology, and evolutionary genomics.

Basic Qualifications

Candidates are required to have a Ph.D. in biology/molecular biology/molecular parasitology or equivalent, as well as at least three years of postdoctoral experience. Strong molecular biology laboratory skills are essential, previous experience with in vitro culture and manipulation of Plasmodium or other eukaryotic parasites strongly desired. Experience supervising research assistants, negotiating with vendors, managing project/protocol budgets, and administering lab safety protocols strongly desired.

Additional Qualifications

Candidates should demonstrate a track record of consistent publication, have strong organizational, written, and oral communication skills, and should be able to work both independently and as part of a team. Spanish language proficiency is a plus.

Special Instructions

Contact Information

Please contact Professor Neafsey by email: neafsey@hsph.harvard.edu with CV, letter of interest, and names of three references.

Contact Email

neafsey@hsph.harvard.edu

Equal Opportunity Employer

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.

Minimum Number of References Required

Maximum Number of References Allowed

Supplemental Questions

Required fields are indicated with an asterisk (*).

Applicant Documents
Required Documents

Optional Documents

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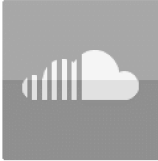
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