

Job Summary:

We are currently seeking applicants for an NIH-funded postdoc position in the Bradburd lab in the Department of Ecology and Evolutionary Biology at the University of Michigan. Research in the lab is focused on the geography of evolution, and particularly on developing statistical methods for spatial population genetics/genomics. Possible projects include: studying coevolution in continuous space; using pedigrees to estimate population density landscapes; two-locus models for the analysis of spatial population structure over genealogical strata; spatial models for identifying adaptive introgression or studying polygenic adaptation.

Our work combines computational and statistical approaches, with a strong emphasis on simulation and empirical data analysis. The position is ideal for someone with training in statistical, theoretical, or computational population genetics, and/or someone with a strong background in evolution, mathematical biology, statistics, or computing, and an interest in population genetics.

Required Qualifications:

- A Ph.D. is required in a biology discipline
- Relevant background includes any of: evolutionary genetics, phylogeography, landscape genetics/genomics, computational biology, statistics, applied mathematics, population modeling, evolutionary or ecological theory, computer science, etc.

Additional Information:

This position is a one-year term-limited position with the possibility of renewal based upon performance, funding and availability of work.

The selected candidate can expect a starting salary of \$60,000 per year, and is eligible for a wide range of University benefits.

Given the uncertainties surrounding the state of the pandemic, the successful candidate may work remotely (i.e. ghostdoc), at least for the first year of the position, and possibly beyond. The ideal start date is Fall 2022, but that date can be flexible for the right candidate.

The Bradburd lab values diversity and is committed to creating a safe, welcoming, supportive, and fun lab environment. Applications from candidates with related scientific interests who are also passionate about diversity, equity, and inclusion in STEM are strongly encouraged. The lab is located in the beautiful Museum of Natural History building on University of Michigan's campus. Ann Arbor is consistently rated as one of the most "live-able" cities in the country.

How to Apply:

Review of applications will begin immediately and continue until the position is filled. Interested candidates should submit a PDF of their CV along with a cover letter describing their qualifications and relevant experience to Gideon Bradburd (bradburd@umich.edu).