

Postdoctoral Scholar Position available in:

THEORETICAL POPULATION GENOMICS

A postdoctoral scholar position is available in the research group of Matthias Steinrücken in the Department of Ecology and Evolution at the University of Chicago. In the group, we are developing theoretical, computational and statistical methods for population genomics analysis. Potential projects will be in the context of NIH funded research on developing population genetic methods to detect population structure and adaptation using modern and ancient genomic datasets. Some specific projects include developing Coalescent Hidden Markov Models to infer population structure, as well as linkage-based approaches to characterize the genomic landscape of natural selection, but projects are flexible based on the scholar's interest.

The Department of Ecology and Evolution has a very collaborative and unique environment with expertise in theoretical and empirical approaches to questions in ecology and evolutionary genetics. Moreover, the University of Chicago provides ample opportunities for interactions with outstanding researchers in overlapping areas, particularly in the Departments of Statistics, Human Genetics, and Genetic Medicine.

Candidates should have a PhD in Statistics, Mathematics, Biology, Computer Science, or in a related field with substantial quantitative training. Research experience in population genetics is beneficial, but not required. The start date is negotiable, and the salary will be competitive and based on level of experience.

To apply, please send your application to steinrue@uchicago.edu. Your application should include a brief cover letter, a cv, a one-page description of past research and future interests, and contact information for three references. Applications will be considered on a rolling basis until the position is filled, but should be received by December 21, 2023 to ensure consideration. Candidates from diverse backgrounds are particularly encouraged to apply. Please see <https://voices.uchicago.edu/steinrueckenlab/> to learn more about the group and send any questions regarding the position to steinrue@uchicago.edu.

Matthias Steinrücken, PhD

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Equal Employment Opportunity Statement:

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University's Statements on Diversity are at <https://provost.uchicago.edu/statements-diversity>.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, gender identity, national or ethnic origin, age, status as an individual with a disability, military or veteran status, genetic information, or other protected classes under the law. For additional information please see the University's [Notice of Nondiscrimination](#).

Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email equalopportunity@uchicago.edu with their request.

Matthias Steinrücken <steinrue@uchicago.edu>