

**Apply by
Feb. 15, 2023**

www.popgen-vienna.at



Bioinformatics



Molecular Biology



Functional Genetics



Mathematics



Statistics



Life History Evolution



The Vienna Graduate School of Population Genetics

provides an exciting training opportunity for highly motivated, outstanding **PhD students** with a background in one of the following disciplines: *bioinformatics, mathematics, statistics, evolutionary genetics, functional genetics, theoretical or experimental population genetics.*

Available topics include:

- Adaptation from reduced genetic variation.
- Development of haplotype-based inference methods.
- Evolution from de novo mutations - influence of elevated mutation rates.
- Evolution of sex-specific neuronal signaling.
- Inference of selection signatures from time-series data.
- Long-term dynamics of local *Drosophila* populations.
- Speciation from standing genetic variation.
- Studying the evolution of gene expression with single cell RNA-Seq.
- Understanding how selection acts on multiple tightly linked variants.

PhD positions in Population Genetics

Over the past years, Vienna has developed into one of the leading centres of population genetics. The **Vienna Graduate School of Population Genetics** has been founded to provide a training opportunity for PhD students to build on this excellent on-site expertise.

We invite applications from **highly motivated and outstanding students** with a love for evolutionary research and a background in one of the following disciplines: evolutionary genetics, functional genetics, theoretical or experimental population genetics, bioinformatics, mathematics, statistics.

Topics include:

- Adaptation from reduced genetic variation.
- Development of haplotype-based inference methods.
- Evolution from de novo mutations - influence of elevated mutation rates.
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Only complete applications (application form, CV, motivation letter, university certificates, indication of the two preferred topics **in a single pdf**) received by **February 15, 2023** will be considered. Two letters of recommendation need to be sent directly by the referees.

Depending on the project, PhD degrees will be awarded either in genetics, mathematics or statistics. PhD students will receive a monthly salary based on currently € 2.300,30 before tax according to the regulations of the Austrian Science Fund (FWF).

All information about the about available topics, the training program and the application procedure can be found at www.popgen-vienna.at