



## POSTDOCTORAL POSITION *in Paleogenomics*

(Full time, 40 hours per week)

### Stony Brook University

The Veeramah Lab at Stony Brook (<https://you.stonybrook.edu/veeramahlab/>) has an opening for a postdoctoral researcher to begin in Fall 2021 to conduct research using paleogenomics as part of an ERC Synergy project, HistoGenes\* GA# 856453 (<https://www.histogenes.org/>). The position is funded for five years and will involve the bioinformatic processing and population genetic analysis of paleogenomic data from 5<sup>th</sup>-9<sup>th</sup> century Europe being generated in collaboration with labs in Leipzig (Germany) and Budapest (Hungary). The individual's primary task will be to perform population genetic analysis of this data and potentially develop new methods (for example approaches capitalizing on rare-variants in whole genome data, that integrate temporal-spatial information or that take advantage of novel machine learning frameworks). They will work in close collaboration with senior population genetics researchers in the US and German teams. As well as primary research duties, applicants will be expected to write papers, help in grant writing and train/mentor graduate students.

#### Your tasks:

- Task 1 (35%): Advanced population genetic analysis of ancient medieval genomic data produced by HistoGenes collaborators.
- Task 2 (35%): Develop new methods of analysis for ancient medieval genomic data produced by HistoGenes collaborators.
- Task 3 (15%): Manuscript preparation including manuscript writing, editing, and figure preparation. May also assist in grant writing.
- Task 4 (10%): Training/mentoring undergraduate and graduate students in analysis of 2nd generation sequencing data for population genetics.
- Task 5 (5%): Other duties as assigned, which may include attending Scientific Conferences and Meetings.

#### Your profile:

The successful applicant should have:

- a PhD or equivalent foreign degree in the areas of population, evolutionary or anthropological genetics (or related fields) in hand by August 2021
- experience in processing 2nd generation sequencing data and analyzing paleogenomics data
- knowledge of python or equivalent or programming languages
- excellent English skills as demonstrated by peer-reviewed scientific manuscripts
- Applicants should also be able to work as part of a team and think creatively.



**Our Offer:**

The starting salary will be between \$47,500 – \$55,000, commensurate with experience, with an annual 3% raise. Applications will be accepted until June 16, 2021. The successful applicant would be expected to start around Fall 2021.

Applicants should apply online at

[https://stonybrook.taleo.net/careersection/2/jobdetail.ftl?job=2101300&tz=GMT-04%3A00&tzname=America%2FNew\\_York](https://stonybrook.taleo.net/careersection/2/jobdetail.ftl?job=2101300&tz=GMT-04%3A00&tzname=America%2FNew_York)

The official REF# is: 2101300

Applicants should submit a State employment application, a cover letter, CV and a one page research statement. At least two letters of recommendation will be requested of candidates selected for interview, so please include contact information for references in your cover letter.

Inquiries about the job can be made by email to [Krishna.Veeramah@stonybrook.edu](mailto:Krishna.Veeramah@stonybrook.edu).

Stony Brook University is an equal opportunity/affirmative action.

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