

PhD position (TV-L/65%) in Quantitative Genetics

The Evolutionary Genomics group at the Center of Computational and Theoretical Biology (CCTB) of the University Würzburg invites applications for a PhD position starting as soon as possible.

The position is part of a BMBF funded initiative „Accessing the genomic and functional diversity of maize to improve quantitative traits (MAZE2.0)“, which now is in its second funding period.

The Research topic is the improvement of statistical methods for genomic prediction and the integration of higher-order interactions into these models. The project will build up on existing machine learning expertise in our group and the candidate is expected to further advance existing methods and their application to large scale data.

The successful applicant should have:

- Diploma or Master's degree in bioinformatics, computer science, biology, agricultural science or related disciplines.
- Strong interest in computational biology, statistics and the application of these to life science.
- Knowledge in programming and statistical software (e.g Python, R or Julia)
- Very good command of English
- Ability to collaborate with other research groups

We offer an interesting position in an interdisciplinary working environment at the CCTB and an active exchange with our collaboration partners within this project.

The position is available for a period of 3 years.

The University of Würzburg is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply. Applications of disabled persons with equal qualifications will be treated preferentially.

Please send your applications, preferable as a single PDF file, including a cover letter describing your research interest, a full CV and the contact information of at least one referee, to Prof. Arthur Korte (arthur.korte@uni-wuerzburg.de). Alternatively, documents can also be send by mail to Prof.Arthur Korte, CCTB, Emil-Fischer Strasse 32, 97074 Würzburg. Application will be open until the position is filled.