

Research Scientist in Quantitative Genetics

The chair of plant breeding at the Technical University of Munich / TUM School of Life Sciences Weihenstephan invites applications for the position of a **Quantitative Geneticist** starting January 1, 2017.

Research in the plant breeding group is focused on the development of molecular and statistical tools for plant breeding applications as well as on genome analysis in crop plants.

Research topics:

- Development of methods to advance classical and genome-based breeding
- Genetic improvement of crops through the use of genetic resources
- Elucidating phenotype-genotype relationships
- Projects developed by the candidate related to the main research goals of our group

The successful applicant is expected to have:

- PhD in genetics, statistics, biology, bioinformatics or related fields
- Strong interest in quantitative genetics, selection theory and statistics
- Programming skills, familiarity with the UNIX/LINUX operating environment
- Ability to independently solve problems
- Ability to work in a team and to collaborate with other research groups

We offer:

- An interdisciplinary working environment in a team of plant breeders, statisticians, molecular geneticists and bioinformaticians
- Active exchange and collaboration with partners from academia and industry in a field of constant technical and methodological development
- Advanced education in statistics, genetics and plant breeding in courses and summer schools
- Employment contract with the German public service salary TV-L E13 for an initial two-year period with the possibility of extension

The Technical University of Munich is committed to increasing the proportion of women in research and education and thus explicitly invites qualified female scientists to apply for this position. Preference will be given to disabled candidates with essentially the same qualifications.

Contact:

Applications with the usual supporting information (letter of motivation, CV, certificates, credentials, etc. in a single pdf file) should be submitted by Email to jobs.z7x.wz@tum.de, **subject matter: "Research Scientist Quantitative Genetics 16.1"**. Application will be open until the position is filled.

For more information please see:

<http://www.plantbreeding.wzw.tum.de/>

For questions related to the position and further background information please contact Dr. Ulrike Utans-Schneitz, Plant Breeding, TUM, utansschneitz@tum.de