The Faculty of Agricultural and Environmental Sciences (AUF) at the University of Rostock invites applications for a

**W2-Professorship in Plant Breeding**

starting at the earliest possible date (subject to budgetary considerations).

The advertised position succeeds the Professorship of Agrobiotechnology. In its future orientation the professorship shall cover the entire field of plant breeding in research and academic teaching and will become a major element in the fields of crop science.

We are seeking a person with national and international research experience, fundamental knowledge and methodological expertise in molecular biology and crop genetics as well as in its applications in classical and molecular plant breeding. The professorship shall make use of and develop

- marker-assisted selection strategies,
- new biotechnological tools as genome editing,
- as well as functional gene analysis and genome modification.

and apply them in view of, e.g., biomass for material and energy use, quality and compounds of food and fodder products, nutrient efficiency or pest and disease resistances. The successful candidate ideally has well-established networks and collaborations with national and international research institutions in the area of breeding research and with commercial plant breeders.

She/he has excellent educational skills and experience in research- and project-oriented teaching. The professorship needs to cover modules with the following contents in bachelor and masters courses:

- Biology of cultivated plants and plant genetics
- Classical and molecular plant breeding
- Agrobiotechnology and molecular biology in plant breeding

It is expected that the successful candidate is an internationally recognized researcher with relevant publications in the field of plant breeding, who is going to be committed to running and future interdisciplinary research collaborations within the faculty and who develops them efficiently with relevance to the future. A perfect framework exists due to the Interdisciplinary Faculty of the University of Rostock with its different profile lines and the possibility for close collaborations with the Faculty of Mathematics and Natural Sciences. We expect a strong commitment to the promotion of young researchers and doctoral training. Active participation in academic self-administration at the faculty and university level is taken for granted.

The applicant shall hold a degree in agricultural sciences or related disciplines with focus on plant breeding. Habilitation or equivalent scientific achievements, successful third-party funding initiatives and leadership skills are required.
We offer

- a demanding job with diverse activities in a traditional but innovative, modern and family-friendly university in a lively city by the sea,
- modern laboratory facilities for research in the described areas,
- an attractive professorship in a civil servant relationship or as regular state employee and
- an interdisciplinary research environment. Perfect framework conditions exist due to the Interdisciplinary Faculty of the University of Rostock with different profile lines and departments and the possibility to collaborate with local research institutions as the State Research Center of Agriculture and Fisheries Mecklenburg-Vorpommern and the Leibniz Institute for Farm Animal Biology.

For further inquiries, please contact:

Prof. Dr. Ralf Uptmoor, chair of the appointments committee
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Qualifications are as per § 58 of the Higher Education Act of the State of Mecklenburg-Vorpommern (LHG M-V): completed university studies, doctoral degree, post-doctoral thesis ("Habilitation"), teaching experience or equivalent qualifications, usually earned within the context of junior professorship.

A special focus is placed on academic achievement and teaching qualifications as well scientific organization and academic administration. For this reason, candidates should describe previous teaching results, ideas regarding future teaching (including didactic lesson planning) and their prior experience in academic and scientific management.

In addition, candidates are expected to have experience and interest in developing programs that can attract and maintain external funding.

The professorship is to be filled according to § 61 LHG M-V as a position with civil servant status for life, or, if applicable, for 5 years. It is also possible to fill the position as a regular state employee.

The University of Rostock is committed to their university management guidelines.

Equal opportunities are part of our personnel policy. The announcement is therefore aimed at all persons regardless of their gender (* gender-neutral). Disabled applicants will be given preference if all other qualifications are essentially equal.

The University of Rostock is especially interested in promoting women within the context of § 7 (3) of the Gender Equality Act, and therefore specifically encourages applications from qualified women. Disabled applicants will be given preference if all other qualifications are essentially equal.

Applications with the usual documents (full CV, a complete list of academic and professional background, publications, teaching experience, certificates, any additional qualifications, a summary of grants and sponsored research activities and a description of future research plans) should be sent no later than 16th October 2020 to the University of Rostock, Dean of the Faculty of Agricultural and Environmental Sciences, Justus-von-Liebig-Weg 6, 18059 Rostock or by e-mail to dekan.auf@uni-rostock.de. We would like to point out that your e-mail will be sent to us unencrypted.

The protection of your personal information is very important to us. Therefore, the data collected during the application process will be collected, processed and used in accordance with the relevant data protection rules.

Application costs cannot be reimbursed by the State of Mecklenburg-Vorpommern. We ask you to submit applications only in copy, as they will not be returned after the procedure has been completed.