

## “KWS Ferdinand von Lochow Scholarship“ for the academic year 2016/17

For the academic year 2016/17, KWS LOCHOW GMBH, Ferdinand-von-Lochow-Str. 5, 29303 Bergen, Germany, invites students of the University of Kiel to apply for the “KWS Ferdinand von Lochow Scholarship“.



Ferdinand von Lochow III (1849-1924) was a farmer on his estate in Petkus. In 1881, he started breeding winter rye. He was the first to use “single plant selection with progeny testing“ which is a cornerstone of modern plant breeding. His success in rye breeding set a foundation for the breeding company KWS LOCHOW GmbH ([www.kws-getreide.de](http://www.kws-getreide.de)).

The KWS Ferdinand von Lochow Scholarship is intended to pay tribute to his pioneering work and achievements as well as to become established as an incentive for entrepreneurship among young breeders, especially in promoting training and further education in agricultural sciences.

### **Important information:**

**Scholarship value:** €500 per month over a period of 12 months (total €6,000). The scholarship is granted irrespective of other grants such as BAFöG.

**Practical training:** Two and a half months of practical training in a specific field at one of the KWS LOCHOW GmbH sites, preferably outside Germany. Travel and accommodation related to the practical training will be covered by the KWS LOCHOW GmbH.

**Grant period:** October 1, 2016 to September 30, 2017

Further details will later be fixed in an agreement between the selected students and the KWS LOCHOW GmbH.

### **Applicant profile and research topics:**

We invite students from the University of Kiel in their second year taking the following courses:

- Master course in agricultural science (crop production with a focus on plant breeding)
- Master course in AgriGenomics with a focus on plant breeding

The scholarship will support students who will write a master thesis on one of the following topics. The work must deal with cereals:

- Cereal breeding (breeding methodology, molecular breeding, selection, genotyping and omics technology, phenotyping)

- Innovations in plant production (e.g. precision farming, sensor technology, ecological aspects)
- Agricultural economics and sociological aspects (e.g. demographic megatrends, legal framework, consumer trends, marketing, political environment)

**Application procedure:**

Please fill in the application form which can be downloaded from the website of the Plant Breeding Institute (<http://www.plantbreeding.uni-kiel.de/de>) as well as from the Agri-Genomics website (<http://www.agrigenomics.de/en>).

Please submit your application before August 1, 2016 to Prof. Dr. Christian Jung by Email ([c.jung@plantbreeding.uni-kiel.de](mailto:c.jung@plantbreeding.uni-kiel.de)) or letter post (Plant Breeding Institute, University of Kiel, Olshausenstrasse 40, 24118 Kiel). Applications can be written in German or English language.

After the application period has ended, an initial comparative pre-selection will be made. Applicants selected at this stage may be contacted to supply further information. The final selection of students to receive support is decided by KWS LOCHOW GmbH.

The decision will be made on the basis of the following criteria:

- relevance for the topics mentioned above
- applicant's performance (average grade points, courses taken)
- perspectives for a breeder's career
- social commitment within or outside the university

**Successful applicants will be requested to attend the** award ceremony. They will have to participate in the practical training course. Furthermore, a final report must be delivered by the end of the funding period as a written report and as an oral presentation in the course of the scientific seminar at the Plant Breeding Institute. Students may also be asked to give oral or written intermediate reports.

**Further information:**

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