

Tenure-track faculty position, Barley Pathology

The Department of Plant Pathology at North Dakota State University (NDSU) seeks applications for a 12-month, tenure track position at the assistant/associate professor level with research (95%) and teaching (5%) responsibilities. The successful candidate will develop an externally-funded research program that focuses on Fusarium head blight and/or foliar diseases of barley. The position is open to all areas of research although preference will be given to applicants who will use new and emerging molecular or genomic techniques to address fundamental questions of host-pathogen interaction and disease management. The successful applicant will join: 1) a team of cereal pathologists in the department who have a primary focus on wheat and corn diseases, and 2) a team of barley scientists in other units within NDSU and the on-campus USDA laboratories that includes breeding, genetics, agronomy, and malting expertises. The successful applicant will advise graduate students and teach a graduate level course in the area of expertise, which, if appropriate, may include the development of a new course not in the current departmental curriculum.

Minimum qualifications are: an earned Ph.D. in plant pathology or closely related field with extensive background in plant pathology; demonstrated ability to conduct and publish research on diseases of agronomic crops; and strong interpersonal and communication skills. The preferred qualifications are: post-doctoral experience; demonstrated experience with new and emerging molecular techniques or in molecular mechanisms of host-pathogen interaction; demonstrated success in competitive grants; direct experience with barley pathology, field plot research, screening for disease resistance, and/or with grower or commodity groups; and teaching experience at the college level.

Review of applications will begin January 6, 2020. Applicants must apply online at <https://jobs.ndsu.edu> (posting number 1901314 or keyword search “barley”). Documents to submit include:

- A statement that describes research interests and how the minimum and preferred qualifications are met.
- A statement of teaching interest and philosophy.
- Curriculum vitae.
- Name and contact information for three professional references.

Direct any questions to jack.rasmussen@ndsu.edu