



# Post-doctoral Research Associate Carrington Research Extension Center

<https://jobs.ndsu.edu/>  
Opening #1800600

Provide leadership and support to the pathology research program  
in Carrington, North Dakota



Position: Full-time

Salary: Commensurate with  
experience

Benefits include retirement  
plan and full coverage for family  
health insurance

Location: Carrington, ND

To apply

- Visit <https://jobs.ndsu.edu/>
- create an account
- search for opening #1800600
- create and submit your  
application when prompted

Screening will begin  
February 5, 2018

Direct questions to:  
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## Position Information

The North Dakota State University Carrington Research Extension Center (CREC) is seeking a post-doctoral research associate to become a member of a dynamic team investigating strategies for improving the management of diseases of field crops grown in North Dakota. The selected candidate will provide leadership and support for the successful execution of the CREC's plant pathology research program. Responsibilities will include taking primary leadership responsibilities for the execution of one or more multi-location, 2-year disease management studies, including project design, execution of agronomic tasks, data collection, dissemination of results to stakeholders and the broader scientific community, and assistance with grant writing. Responsibilities will also include assisting in the successful execution of the full range of studies conducted by the CREC's plant pathology program, including study design and planning; agronomic tasks (tillage, planting, pesticide applications, harvest, and seed yield and quality assessment); treatment imposition, including fungicide applications with hand-held equipment; microbiology work, including isolation and identification of pathogens and production of pathogen inoculum for field trials; data analysis and reporting; and supervision of seasonal and part-time student workers. Operation of agricultural field equipment, willingness to conduct the full range of tasks associated with the successful execution of field research studies, and an ability to effectively disseminate findings through oral and written communication will be expected. This position is a 12-month appointment renewable for a second year on the basis of performance and available funding.

## Minimum Qualifications

- PhD in plant pathology, agronomy, or closely related field
- Demonstrated ability to plan and successfully execute field research studies, analyze and interpret results, and disseminate findings to stakeholders and scientists through effective oral and written communication.
- Willingness and ability to assist in all aspects of study execution, including study layout and design, operation of agricultural field equipment, completion of agronomic tasks, data collection, and microbiology tasks.
- Demonstrated organizational skills and ability to work within a team.
- Demonstrated interest in crop disease management research and education.

## Preferred Qualifications

- Familiarity with crops grown in the Northern Plains and associated production techniques.
- Demonstrated ability to operate farm equipment.

The Carrington Research Extension Center is one of seven out-state NDSU Research Extension Centers. The CREC is located near Carrington, a community centrally located about two hours from each of the four largest cities in North Dakota. Carrington is a thriving community of approximately 2,500 people in a widely diversified agricultural production region of east central North Dakota. Carrington is a vibrant rural community with progressive schools (K-12), modern medical services (clinic and hospital), and recreation opportunities including hunting, fishing and birding. For further information visit <http://www.carringtonnd.com/>.