



Jianping Wang

Assistant Professor
Department of Agronomy
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Dr. Wang received a B.S. degree in Agronomy from China Agricultural University (CAU) in 1994, an M.S. degree in Crop Breeding and Genetics from CAU in 1997, and a Ph.D. degree in Plant Breeding and

Genetics from Michigan State University in 2005. She then held a position as a Postdoctoral Research Associate at the University of Illinois at Urbana-Champaign from 2005 to 2010. Dr. Wang joined the University of Florida as an Assistant Professor in 2010. Dr. Wang is a plant geneticist with research primarily focused on understanding the molecular and genetic mechanisms of important traits of crops by using integrated approaches combining genetics, molecular biology, genomics, bioinformatics and molecular breeding. Dr. Wang's programs develop genetic markers associated with a breeder's desired set of plant traits and identify each genetic component that influences those traits with the ultimate goal of designing systematic improvement strategies for developing superior crop cultivars. She has published 40 papers as of 2016 in peer-reviewed journals, including prestigious journals such as *Science*, *Nature*, *PNAS*, *Plant Journal*, *Genome research*, *Scientific Reports*, and others.

Global Research Interests

- Diversity of peanut rhizobia
- Nitrogen fixation efficiency of native peanut rhizobia
- Peanut rhizobia infection process
- Mechanisms of peanut and rhizobia interaction
- Genetics of peanut nodulation

Countries of Focus

- Bolivia
- Argentina
- India
- China

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