



Postdoc Position Fungal Endophyte Genomics • U'Ren lab

A postdoctoral position is available in the lab of Jana U'Ren at the University of Arizona to study the ecology and evolution of plant-endophyte symbioses. The project centers on enriching genomic, transcriptomic, and metabolomic knowledge of phylogenetically diverse endophytic fungi in collaboration with the DOE Joint Genome Institute. The start date is flexible, but anticipated to be in Fall/Winter 2018 or when the suitable candidate is identified. The position has an initial appointment for one year with a strong likelihood of extension to a second year pending performance review.

The ideal candidate will be skilled in bioinformatics, molecular biology, and microbiology with a background in plant-microbe interactions, ecology, and evolution. Minimum requirements: a PhD in ecology, evolutionary biology, microbiology, mycology, plant pathology, or a related discipline. Preference will be given to candidates with proficiency in both bioinformatics and molecular biology. Preferred candidates will have excellent communication skills, high motivation, and a strong willingness to work independently and as part of an integrative team. Potential duties include (but are not limited to) comparative genomic and transcriptomic analyses, functional trait assays, and plant inoculation experiments, with potential for the development of independent research projects related to plant-fungal interactions.

As part of the UA Ecosystem Genomics Initiative and the BIO5 Institute, the successful candidate will have extensive opportunities to collaborate across departments at UA, as well as with collaborators at other universities. This collaborative environment is conducive to development of a pathway to independence in academic research. The position also includes opportunities to mentor graduate and undergraduate researchers from diverse backgrounds.

Home to the world-class University of Arizona, Tucson is a vibrant southwestern city with a rich and distinctive heritage, fabulous access to outdoor activities, and diverse opportunities for cultural engagement. Outstanding UA benefits include health, dental, vision, and life insurance; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; access to UA recreation and cultural activities; and more!

Applicants should submit a cover letter, CV, contact information for three references, and copies of three recent publications. All application materials should be submitted in a single email to Dr. Jana U'Ren (juren@email.arizona.edu).