



United States Department of Agriculture

Agricultural Research Service

The USDA, Agricultural Research Service, U.S. Arid-Land Agricultural Research Center, Plant Physiology and Genetics Research Unit in Maricopa, AZ, is seeking a full time, permanent, Research Agricultural Engineer. The salary for this position is at the GS-12/13 level, \$75,741.00 - \$117,086.00 per year. The mission of this Unit is to increase the productivity, profitability, and sustainability of agriculture in arid-climates by developing new germplasm for both traditional and alternative crops and by improving plant responses to abiotic stresses and to changes in the global environment. The incumbent will provide leadership in the development and application of field-based, high-throughput phenotyping technologies and “big data” analytics, with an emphasis on characterizing the effects of heat and drought on crop performance in the field; work closely with plant breeders to help characterize genetically diverse plant populations and collect data for genome-wide association studies to gain insight to genes and markers involved in plant stress responses; and develop a computational “ecosystem” that links sensor data collection, data storage, data pipeline development, georeferencing, and quality control analysis, with the end-goal of supporting the phenomics-based crop improvement effort. **This announcement will open 7/18/2018 and will close on 7/31/2018.** U.S. Citizenship is required. USDA/ARS is an equal opportunity provider and employer.

If you have any questions regarding the additional duties of this position please contact Dr. John Dyer at (520) 316-6356 or john.dyer@ars.usda.gov.

If you have any questions regarding the application process for this position please contact Heather Lee, Human Resources Specialist, at 301-504-1410 or heather.lee@ars.usda.gov.

To view additional details about this position and complete application instructions, go to the USAJobs Web site: <https://www.usajobs.gov/> and refer to announcement number **ARS-D18W-0105**. Please note that the announcement number will not be accessible until **7/18/18**.

YOUR REQUEST TO USE THE ABOVE ADVERTISEMENT IS APPROVED.

Heather C Lee

7/6/18

Human Resources Specialist

Date