

[Skip to Main Content](#)

- [Home](#)
- [Search Jobs](#)
- [Create Account](#)
- [Log In](#)
- [Help](#)

[Why UA?](#)[Looking for the old site?](#)

Research Specialist (Extended Temporary) (Maricopa, AZ)

Below you will find the details for the position including any supplementary documentation and questions you should review before applying to the opening. To apply to the position, please click the **Apply to this Job** link/button.

If you would like to bookmark this position for later review, click on the **Bookmark** link. If you would like to print a copy of this position for your records, click on the **Print Preview** link.

[Bookmark this Posting](#) | [Print Preview](#) | [Apply for this Job](#)

Position Details

Position Information

Title	Research Specialist (Extended Temporary) (Maricopa, AZ)
Department	School of Plant Sciences-Res (2425)
Location	Outside of Tucson
Position Summary	<p>A research technician position is available at the University of Arizona's Maricopa Agricultural Center (MAC) located in Maricopa, AZ. The successful candidate will be responsible for planning, executing, and overseeing field-based research projects centered on crop genetics and biology in arid environments with a specific focus on cotton. The emphasis of the research program is on the utilization of high-throughput phenotyping (phenomics) technologies to capture the plant's response to high temperatures and limited water availability over the course of the growing season.</p> <p>The successful candidate will be involved in using new and emerging technologies such as unmanned aerial vehicles (drones), sensors and instrumentation mounted on ground-based vehicles, custom built devices and sensor arrays, and novel handheld devices to collect detailed phenotypic data on plants grown under varying irrigation conditions. To facilitate this research, the incumbent will be responsible for all aspects of crop production and management from planting to harvest as well as processing of seed and lint for analyses. The successful candidate should be capable of setting up and implementing various instrumentation including handheld devices (e.g. apps running on tablets/smartphones), specialized devices (e.g. chlorophyll meters, leaf area meters, leaf porometers, etc.), farm machinery, and seed processing equipment. The successful candidate will modify and adapt standard procedures,</p>

conduct both preliminary and statistical analysis of data, assist with writing reports, manuscripts for publication, and other required documentation.

The position will require strong interpersonal and communication skills as the candidate will be working closely with a diverse group of research scientists, technicians, undergraduate/graduate students, farm managers and workers. The candidate may lead and coordinate the work of other research staff.

At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. We translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we encourage diverse candidates to apply, including people of color, women, veterans, and individuals with disabilities. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff, and faculty engagement in addressing issues of diversity and inclusiveness.

Outstanding UA benefits include health, dental, and vision insurance plans; life insurance and disability programs; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; state retirement plan; access to UA recreation and cultural activities; and more!

The University of Arizona has been listed by Forbes as one of America's Best Employers in the United States and WorldatWork and the Arizona Department of Health Services have recognized us for our innovative work-life programs. For more information about working at the University of Arizona, please [click here](#).

This is an Extended Temporary Employment (ETE) position. For further details on this type of position at the University of Arizona, please [click here](#).

Duties & Responsibilities

- *Under the supervision of Dr. Duke Pauli, execute or co-execute trials and experiments as per instructions, applying appropriate judgment and discretion. This includes, but is not limited to the following:
 - *Conducting field research experiments at MAC, including supervision of mechanical operations, crop management, data collection, resource management, labor etc.
 - *Coordinating the collection, preparation, verification, and analysis of field data as well as sample preservation. This will include managing seed and sample inventory.
 - *Operating specialized research equipment, including regular maintenance and calibration of instrumentation and sensors, as well as machinery associated with field research and providing instruction to others on the correct use of equipment.
 - *Facilitating acquisition of unmanned aerial vehicles (UAVs, drones) and other high throughput phenotyping data.
 - *Organizing, supervising, and training temporary employees ensuring that priorities are set, and that work is performed safely, accurately and efficiently.
 - *Adapting new technology for use within plant breeding as well as developing and establishing proficiency with new computer software related to the overall breeding effort.
 - *Integrating multiple priorities and work activities to successfully meet departmental and seasonal deadlines in an efficient manner.
 - *Be able to carry out manual tasks associated with field research including working outside

during summer months (temperatures >95°F), ability to lift 50 pounds, and completing repetitive tasks.

Knowledge, Skills, & Abilities

- *Knowledge and proficiency with standard agronomic and crop production practices including field and seed preparation, planting, irrigation, pest/fertility management, harvest, and seed processing.
- *Ability to write detailed reports to convey research activities and results to appropriate funding agencies as well as document standard operating procedures.
- *Ability to set up and use electronic devices such as tablets, smartphones, research instruments to collect and record data.
- *Knowledge of the principals and techniques of crop production.

Minimum Qualifications

- *Please see Arizona Board of Regents Minimum Qualifications below.
- *Experience with field crop research and experimentation including operation of related field equipment.
- *Experience and skill in the operation of field based technologies for data acquisition
- *Expert skill in using Microsoft Office products.
- *Knowledge of data management software such as Access database.
- *Experience with research instrumentation including testing and calibration.
- *Excellent verbal and written communication skills.
- *Must have a valid driver license and ability to drive according to the University [Fleet Safety Policy](#).

Arizona Board of Regents Minimum Qualifications

Bachelor's degree in a field appropriate to the area of assignment AND two years related research experience; OR, Six years research experience appropriate to the area of assignment; OR, Any equivalent combination of experience, training and/or education.

Preferred Qualifications

- *Bachelor's Degree in plant breeding, agronomy, plant science or related biological field with demonstrated research or field experience or an associates degree with 4 years of relevant experience.
- *First-hand experience with cotton production and management in the Southwest US including all aspects of lint fiber and seed processing.
- *Conversational Spanish.
- *Basic computer scripting skills and familiarity with applications running on handheld devices.
- *Experience with operation and maintenance of UAVs.

Full Time/Part Time

Full Time

Number of Hours Worked per Week

40

Job Category

Research

Benefits Eligible

Yes - Full Benefits

FLSA

Exempt

Posted Rate of Pay

DOE

Type of criminal background check required: Name-based criminal background check (non-security sensitive)

Posting Detail Information

Posting Number S24623

Number of Vacancies One

Desired Start Date 03/05/2018

Position End Date (if temporary) 03/04/2020

Limited to Current UA Employees No

Contact Information for Candidates Contact Dr. Duke Pauli, at dukepauli@email.arizona.edu or 520-621-3656.

Open Date 02/20/2018

Review Start Date 02/26/2018

Close Date

Open Until Filled Yes

Special Instructions to Applicant

Quick Link for Internal Postings <http://uacareers.com/postings/26816>

Diversity Statement

At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. We translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we encourage diverse candidates to apply, including people of color, women, veterans, and individuals with disabilities. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * Where did you first learn about this position?
 - Arizona Daily Star
 - Arizona Republic
 - ArizonaDiversity.com
 - Careerbuilder.com
 - Chronicle of Higher Education
 - Department of Economic Security (DES)
 - Diverse Issues in Higher Education
 - HigherEdsJobs.com
 - Hispanic Outlook in Higher Education
 - Indeed.com
 - InsideHigherEd.com
 - Jobing.Com
 - LinkedIn
 - Local Job Banks
 - Pima County One-Stop
 - Professional Conference
 - Professional journal/publication
 - Referred by UA Employee
 - Invited by Dept to Apply
 - UA Website
 - Other
2. * Do you have a bachelor's degree in a field appropriate to the area of assignment AND two years related research experience; OR, Six years research experience appropriate to the area of assignment; OR, Any equivalent combination of experience, training and/or education?
 - Yes
 - No

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Resume

Optional Documents

The University of Arizona seeks people with diverse perspectives and experiences and is a committed Equal Opportunity/Affirmative Action organization. Women, minorities, veterans and individuals with disabilities are encouraged to apply. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs.

If you have a disability and would like accommodations to facilitate the application and interview process, please contact the Division of Human Resources at (520) 621-3660.

Read the University of Arizona's Annual Safety, Security and Fire Report [here](#).



- [Employment Opportunities](#)
- [Contact Us](#)
- [Security & Privacy Copyright](#)
- [Emergency Information](#)
- [Campus Accessibility](#)
- [About the UA Website](#)

The University of Arizona | Tucson, Arizona Copyright 2015 © Arizona Board of Regents.