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- [About ASU](#)
- [All ASU Careers](#)
- [Customer Assistance](#)
- [Candidate](#)

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27-Sep-2024

Research Aide

Student Worker III

104981BR

Job Description

SSEBE is looking for 2 student worker research aides to work on cutting edge research topics on materials, synthesis, and manufacturing. These positions require the candidate to work with graduate students/post-docs.

Student Recruitment Type

Student Hire Hourly

Department Name

Sch Sustain Engr & Built Envrn

VP Code

EXEC VP/PROVOST

Campus/Location

Campus: Tempe

Full-Time/Part-Time

Part-Time

Scope of Search

Open

Grant Funded Position

This is a grant funded position. Continuation is contingent on future grant funding.

Salary Range

\$15.62 per hour

Close Date

01-October-2024

Essential Duties

- Perform assigned research tasks with attention to detail, accuracy, and timeliness.
- Collaborate with the research team to plan and execute experiments, data collection, analysis, and interpretation.
- Contribute to the development and implementation of research methodologies, protocols, and procedures, including those using ML/AI.

https://sjobs.brassring.com/TGnewUI/Search/home/HomeWithPreLoad?partnerid=25620&siteid=5495&PageType=JobDetails&jobid=5006672#jobDetails=5006672...

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- Maintain accurate records of experimental data, observations, and results.
- Assist in the updating of websites.
- Demonstrate a high level of responsibility and judgment when conducting technical and complex duties in your research.
- Adhere to ethical standards and research guidelines.

## **Minimum Qualifications**

A significant amount of specialized training or experience is required.

## **Desired Qualifications**

- Experience with basic analysis tools, undergraduate mathematics and physics
- Some background in programming
- Ability to prepare data sheets, graphs, tables and reports.

## **Working Environment**

Activities are generally performed in an environmentally controlled office setting (30%) and/or in a laboratory setting where experiments are done (40%); frequently required to stand for varying lengths of time and walk moderate distances to perform work (25%); occasional bending, reaching, lifting, pushing, and pulling up to 25 pounds (5%); regular activities require(s) the ability to quickly change priorities. Ability to clearly communicate verbally and to read, write, see, and hear to perform essential functions.

## **Department Statement**

The Ira A. Fulton Schools of Engineering is the largest producer of engineering and technical talent in the nation and seeks to deliver a world-class learning experience for our students and to advance research and innovation – all at scale. We value and emphasize inherently interdisciplinary endeavors that leverage the breadth and depth of expertise among our outstanding faculty, and have built a unique place for large-scale innovation characterized by foundational excellence and translational impacts. We are an engineering school on the rise at the most innovative university in the country and in the heart of the nation's fifth largest metropolitan area. The scale of our faculty research interests and interdisciplinary mindset, combined with more than 48 graduate degree programs and 25 undergraduate degree programs, provide the foundation for knowledge generation and collaborative opportunities to advance new ideas.

The Fulton Schools of Engineering, located across ASU's Tempe and Polytechnic campuses, is comprised of seven schools based on academic programs and research areas. Fulton Engineering has a nationally recognized faculty that conducts research, instructs and mentors students, provides service to engineering, computing and technology professions and creates lasting impacts across local and global communities.

The Fulton Schools of Engineering follows a framework of values designed to distinguish our practice and guide daily decisions in our academic, research, corporate engagement and entrepreneurial endeavors. These values influence how we recognize, reward and communicate our achievements. At the Fulton Schools of Engineering, we:

- Cultivate excellence.
- Deliver innovation that matters.
- Encourage bold thinking.
- Foster a community of learning and collaboration.
- Build a foundation for all to be successful.

## **ASU Statement**

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 100,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

ASU is a tobacco-free university. For details visit <https://wellness.asu.edu/explore-wellness/body/alcohol-and-drugs/tobacco>

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law.

### **Notice of Availability of the ASU Annual Security and Fire Safety Report**

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU PD at 480-965-3456.

Relocation Assistance – For information about schools, housing child resources, neighborhoods, hospitals, community events, and taxes, visit <https://cfo.asu.edu/az-resources>.

## **Instructions to Apply**

Application deadline is 3:00PM Arizona time on the date indicated.

Please include all employment information in month/year format (e.g., 6/88 to 8/94), job title, job duties and name of employer for each position.

Resume should clearly illustrate how prior knowledge and experience meets the Minimum and Desired qualifications of this position.

ASU does not pay for travel expenses associated with interviews, unless otherwise indicated.

Only electronic applications are accepted for this position.

**IMPORTANT NOTE:** What is the meaning of “equivalent combination” in the minimum qualifications? It means one year of higher education or 24 credit hours, is equal to one year of experience. For example, a four year Bachelor’s degree is equal to four years of experience.

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