

## **Postdoctoral Position in Low-Dimensional Materials**

### **Position Summary**

Applications are invited for a postdoctoral position at Michigan State University working in Prof. Pengpeng Zhang's research laboratory on experimental condensed matter with an emphasis on molecular beam epitaxial growth and scanning probe microscopy/spectroscopy studies of two-dimensional heterostructures and thin films.

The initial appointment is for one year, but renewal may be possible for up to two additional years depending on the performance and funding availability.

The starting date is as soon as possible. Applications will be reviewed as received until the position is filled.

### **Equal Employment Opportunity Statement**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, age, disability or protected veteran status.

### **Required Degree**

Doctorate

### **Minimum Requirements**

Applicants should have a Ph.D. in Physics, Materials Science or related field.

### **Desired Qualifications**

Experience in the following areas is desirable: molecular beam epitaxy, low-temperature scanning tunneling microscopy/spectroscopy, non-contact atomic force microscopy, and ultra-high vacuum technology. The candidate will have proven ability to independently solve problems, design and conduct experiments, and good communication and collaboration skills.

### **Required APPLICATION Materials**

Application materials, including a cover letter and curriculum vitae with a list of three references, should be uploaded to <https://careers.msu.edu> using the posting number 1092550.

### **Special Instructions**

Review of applications will commence on 11/19/2025, and will continue until the position is filled. The starting date is as soon as possible. For further information on this position, please contact Pengpeng Zhang by email at [zhangpe@msu.edu](mailto:zhangpe@msu.edu)

**Review of Applications Begins on**

11/19/2025

**Website**

<https://pa.msu.edu/>

**MSU Statement**

Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.