

## Postdoc Researcher on Environmental Gas Sensing Iowa State University

Direct Link: <https://www.AcademicKeys.com/r?job=238550>

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Posted Jul. 3, 2024, set to expire Nov. 2, 2024

**Job Title** Postdoc Researcher on Environmental Gas Sensing  
**Department** Mechanical Engineering  
**Institution** Iowa State University  
Ames, Iowa

**Date Posted** Jul. 3, 2024

**Application Deadline** Jan. 4, 2023

**Position Start Date** Jan. 4, 2023

**Job Categories** Post-Doc

**Academic Field(s)** Sustainable Engineering  
Mechanical Engineering  
Ecological and Environmental  
Electrical and/or Electronics  
Engineering - Other

**Job Website** <https://sites.google.com/view/shanhugroup/home>

**Apply Online Here** [https://isu.wd1.myworkdayjobs.com/IowaStateJobs/job/Ames-IA/Postdoc-Research-Associate\\_R13379](https://isu.wd1.myworkdayjobs.com/IowaStateJobs/job/Ames-IA/Postdoc-Research-Associate_R13379)

**Apply By Email**

**Job Description**

**Position Title:**

Postdoc Research Associate

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### **Appointment Type:**

Post Doc/Trainee

### **Job Description:**

### **Summary of Duties and Responsibilities:**

The Postdoc will work with a multi-institution team on hydrogen gas sensing and hydrogen safety.

### **Required Minimum Qualifications:**

PhD

### **Preferred Qualifications:**

- Prior research experiences and publications in gas sensing.
- Experience in synthesis and characterization of metal/metal oxide nanomaterials (hydrothermal, sol-thermal, chemical vapor deposition, physical vapor deposition).
- Experience in the design and fabrication of gas sensors.
- Experience in gas sensing performance characterization.

### **Proposed Start Date:**

January 4, 2024

### **Proposed End Date or Length of Term:**

January 3, 2025

### **Number of Months Employed Per Year:**

12 Month Work Period

### **Time Type:**

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Full time

### **Application Instructions:**

To apply for this position, please click on the following link and complete the Employment Application. Please be prepared to enter or attach the following:

- 1) Resume/Curriculum Vitae
- 2) Letter of Application/Cover Letter

**[https://isu.wd1.myworkdayjobs.com/IowaStateJobs/job/Ames-IA/Postdoc-Research-Associate\\_R13379](https://isu.wd1.myworkdayjobs.com/IowaStateJobs/job/Ames-IA/Postdoc-Research-Associate_R13379)**

If you have questions regarding this application process, please email [employment@iastate.edu](mailto:employment@iastate.edu) or call 515-294-4800 or Toll Free: 1-877-477-7485.

### **Why Choose ISU?**

Iowa State University is committed to fostering a workplace of belonging, where diversity is celebrated and equity is a core value. Our Iowa State Postdocs enjoy comprehensive health and work life benefits, including medical and dental; as well as:

- Retirement benefits including defined benefit and defined contribution plans;
- Generous vacation, holiday, and sick time and leave plans;
- Onsite childcare (Ames, Iowa);
- Flexible Spending Accounts;
- Various voluntary benefits and discounts
- Employee Assistance Program;
- Wellbeing Program.

### **EEO/AA Policy**

Iowa State University has committed itself to develop and implement affirmative action programs with respect to employment and to comply with all applicable federal, state, and Board of Regents' rules, regulations and policies relative to nondiscrimination.

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### **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### **Contact**

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