



## Postdoctoral Researcher

We are seeking a postdoctoral researcher to join our team located in New York City based out of Columbia University. Lelantos is a tech startup revolutionizing the field of gas sensing by developing a new generation of IoT compatible gas sensors for high value monitoring applications targeted to threat detection, air quality and medical diagnosis. We are looking for a passionate, entrepreneurial-minded postdoctoral researcher to join our fast growing and diverse group working on cutting edge sensing technologies that enable a safer and more sustainable world. This is a unique opportunity for a scientist to perform boundary-pushing technical innovation at a startup environment hosted within an academic setting that additionally offers the opportunity for a future position in the company.

### Responsibilities & Duties

- Performs hands-on, experimental lab work
- Designs and builds experimental setups pertaining to gas testing and manufacturing
- Designs, characterizes and optimizes manufacturing processes (e.g. printing or other scalable deposition methods)
- Tests gas detection performance of sensor prototypes

### Qualifications & Skills (At least one of the following):

- PhD in Engineering, Materials Science, Chemistry, Physics
- Surface chemistry, functionalization, synthesis
- Manufacturing / microfabrication
- Electronic devices characterization / metrology

### Salary & Benefits

- \$78,000/yr
- Flexible hours
- Friendly environment and culture
- Health and life insurance benefits
- Relocation assistance
- Potential future company hire
- Conference travel allowance
- Scripted professional development training funded by the National Science Foundation

### Additional Info

- Eligibility: USA Citizen, National, or Permanent Resident
- Lelantos: [www.lelantostech.com](http://www.lelantostech.com)
- NSF I-PERF: <https://iperf.asee.org/>