



## **Postdoctoral Position in Antimicrobial Properties of Ionization and Photocatalytic Oxidation Technology**

Job Level: Postdoctoral Fellow

Wage: \$65,000 per year

Hours: Full Time - 40 hours/week

Terms: Three-year contract with 50% of third year dedicated to publications.

Benefits: Health Benefits

Skills & Experience Required: Doctoral Degree in Microbiology, Aerobiology, Air Quality or Related Field.

Authorization for work in the U.S. required

Assured Bio Labs, LLC is hiring for a postdoctoral fellow to spearhead a testing program on the effect of ionization, photocatalytic, and related technologies on disinfection and sanitation of bioaerosols and biological surface contamination. Disinfection efficacy against fungi, bacteria, and viruses will be assessed in the air stream of simulated indoor environments and on test surfaces under various experimental conditions. Duties will include synthesis of existing research, design of experiments, development of testing protocols, data interpretation, statistical analysis, and presentation of findings. This position will be expected to participate in the testing while also coordinating a small team of analysts and technicians to carry out experiments. Applicants must have good organization skills, be able to maintain deadlines, handle fast-paced developments, have good scientific communication skills, and be proficient in statistical analysis. We are a small and growing business that strongly values our culture flexibility and team players and expect this from all team members.

### **Qualifications:**

We are looking for candidates that have experience or familiarity in the following areas: setup and use of BSL3 rooms, microbial culture, molecular microbiology, aerobiology, virology, microbial dispersal, built-environment microbiology, ion/catalysis/nanotech chemistry and microbial epidemiology.

Doctoral degree in Microbiology, Aerobiology, Air Quality, Plant Pathology or Related Field.

Encouraged/Preferred: Biological Safety Level 3 Laboratory Experience

Proficient in MS Word, Excel, Google Docs, and statistical analysis software (e.g. R, SAS, JMP, etc.).

Proficient in design of experiments, statistical analysis and data interpretation.

Ability to work on multiple tasks, manage projects, and learn at a fast pace.

Track record of successful scientific publications.

Ability to work in a team environment.

Technology savvy with electronics, sensors, and field monitoring devices.

Encouraged/Preferred: Biological Safety Level 3 Laboratory Experience.

Assured Bio Labs is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status. Assured Bio is committed to building a culturally diverse team and encourages all candidates to apply.