



## **Senior Aerosol Scientist**

Location: Minneapolis-St. Paul

**Optomec** is the world-leading provider of additive manufacturing systems for high-performance applications in the Photovoltaic, Electronics, Biomedical, and Aerospace & Defense markets. The company has a global customer base of industry-leading manufacturers.

We are building a Twin Cities-based product development team with the mission to take our breakthrough Aerosol Jet technology to production scale, and deliver a rapidly expanding portfolio of rock-solid industrial solutions.

This is an awesome opportunity to become part of an elite team in a skunk-works-type atmosphere, and get in on the ground floor of a cutting-edge technology with incredible growth potential.

### **Responsibilities**

- Model, simulate, and analyze high-concentration-aerosol dynamics on a scale of microns to centimeters, encompassing a wide range of materials -- characterizing phenomena, generating insights and solving problems
- Work in a fast-paced, collaborative product-development environment with engineers, materials scientists, customers and suppliers
- Develop aerosol-generation, -distribution, and -conditioning systems for industrial applications such as electronics and medical-device manufacturing
- Develop and maintain an accessible aerosols knowledgebase as a key company resource
- Direct lab technicians and perform hands-on experimental work, including field trials

### **Qualifications**

- US citizen or permanent resident
- PhD in Physics, Applied Physics or Engineering, or MS plus 5 years' industry experience
- Career focus on aerosols, and field-leading achievements
- Outstanding teamwork and communication skills
- Exceptional energy, technical insight, creativity and perseverance
- Strong work ethic, multi-functionality and willingness to pick up a wrench, soldering iron or shovel as needed