Job Title: Physical Chemist

Company: American Perovskites

Location: U.S. (Phoenix, AZ preferred)

Position Type: Full-time

About Us: Established in 2022, American Perovskites stands as a leading material provider for U.S. perovskite solar cell manufacturers. We specialize in innovative polymeric hole transport material technology, refining perovskite compositions, establishing commercial partnerships, and pioneering end-of-life recycling for PSCs.

Job Overview: We are seeking a dedicated Physical Chemist with expertise in materials science engineering to enhance our team. This role is ideal for someone with a strong background in semiconductor device development, defect analysis, and a passion for customer engagement and technology management.

Key Responsibilities:

- Develop and maintain robust relationships with both existing and potential customers.
- Perform detailed research to deeply understand customer needs and challenges within the semiconductor materials sector.
- Collaborate with technical teams to provide tailored support and solutions.
- Manage communication between customers and internal teams to align goals.
- Guide customers in selecting materials and optimizing their device performance.
- Prepare and present detailed proposals and contracts.

Qualifications:

- PhD or Master's degree in Physical, Inorganic, or Organic Chemistry or a related field.
- Extensive laboratory experience in developing semiconductor devices such as quantum dot displays, perovskite solar cells, OLEDs, or organic semiconductors.
- Proficient in technical aspects of materials science and familiar with fabrication processes of semiconductor materials.
- Excellent interpersonal and communication skills, capable of fostering strong customer relationships.
- Experience in a sales or customer-facing role within the semiconductor materials industry is highly preferred.
- Ability to solve complex technical issues and deliver customer-centric solutions.
- Willingness to travel for customer meetings and industry events.

Benefits:

- Competitive salary with commission opportunities, and generous equity
• Comprehensive benefits package including health, and dental plans.
• Opportunities for professional growth in a cutting-edge technology environment.
• Supportive and inclusive work culture.

**Application Process:** If you are passionate about driving the commercialization of perovskite solar cells and excel in a dynamic, customer-focused role, we encourage you to apply. Please submit your resume and a cover letter detailing your suitability for the position to info@americanperovskites.com by July 2024.

American Perovskites is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.