

****Principals only. No recruiters please. ****

Ceramic Scientist I

Ion Storage Systems is seeking a team-oriented, enthusiastic scientist to develop our next-generation solid state lithium metal batteries. As part of an interdisciplinary R&D team, the Ceramic Scientist will conduct experiments to improve the technology through synthesis and characterization of solid electrolyte materials, process development and optimization, and data analysis. The ideal candidate is a detail-oriented, motivated scientist/engineer with experience working in a research setting.

Responsibilities and Duties:

- Perform research on solid electrolyte materials and sintered components through synthesis, characterization, and process development and optimization.
- Effectively document and communicate experimental design, results, and uncertainties in written documents and meetings
- Look for opportunities to improve R&D processes for better reproducibility, yield, and safety
- Maintain lab cleanliness and promote environmental health and safety in the daily work environment
- Be a valuable and versatile member of the R&D team with a desire to work in fast-paced environment

Required Qualifications:

- B.S. in Chemical Engineering, Ceramic Engineering, Chemistry, Materials Science, Physics, or related field
- Prior experience conducting research in a laboratory setting, preferably in chemical/materials research
- Strong understanding of chemical/materials systems and structure/property relationships
- Desire to learn new experimental and analytical techniques
- Ability to communicate clearly, openly, and effectively
- Excellent organizational skills

Desired Qualifications:

- Hands-on experience with ceramic processing methods
- Experience with Design of Experiments and Root Cause Analysis
- Experience with and knowledge of solid electrolyte materials
- Familiarity with fuel cell and/or battery electrochemistry
- Experience with materials analytical techniques such as SEM, XRD, particle size analysis, and XPS

To Apply:

Reply to: jobs@ionstoragesystems.com with the subject "Ceramic Scientist I"

Equal Opportunity Employer. Benefits Available to Qualified Employees.

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