

Career Opportunity



POLYMER-TO-CERAMIC™ TECHNOLOGY

Senior Chemist

Position Summary

An opportunity to lead Starfire Systems' chemists to develop new, valuable products for the growing specialty silanes semiconductor business.

Champion for Starfire Systems' technical and product roadmap.

Strategize development taking into account market needs, the competitive landscape and Starfire Systems' intellectual property, positioning and capabilities.

Generate data and present results at technical conferences to promote Starfire Systems.

Job is based in Glenville, NY

Domestic and international travel 10%

Must be US citizen or permanent resident.

Principal Duties & Responsibilities

In this challenging but rewarding career opportunity, you will oversee polymer production and develop new or advanced research skills and competencies. You will work in a team environment containing engineering, process, product development, business development, and marketing professionals.

In addition you will be expected to:

- Manage and oversee polymer synthesis production of existing product lines
- Ensures laboratory operational compliance with existing processes, procedures, and regulations.
- Supports fabrication operations as required.
- Develops initial drafts of procedures.
- Assist in writing research proposals for funding requests to state and federal agencies.
- Take ownership of a number of parallel research programs either independently or with minimal direction to develop new principles, concepts and technologies
- Develop strategy and execute on complex research project defining system specification, processes, resources and schedules
- Define experiments and determines the type of meaningful data required to support evaluation and technical decisions
- Generates new ideas, links and builds upon existing ideas to generate unique concepts and solutions

- Be accountable for technical deliverables and milestones according to agreed timelines
- Function as a specialist in the pertinent research subject, able to communicate research progress effectively to upper management, influence and utilize expertise when interfacing with internal partners and external collaborators
- Understand the competitive influences affecting the technical solution and business opportunity
- Mentor, develop and manage less experienced colleagues to achieve high performing results
- Develops and implements Polymers IP strategy in collaboration with the CTO and Executive Team.

Skills & Competencies

- PhD in Chemistry, Materials Science or polymer synthesis with a minimum of ten (10) years of directly related industrial experience.
- Inorganic chemistry and polymer synthesis experience preferred.
- Quality Systems focused
- Demonstrated research capability with work experience in an industrial setting is an asset
- The ability to think critically and possesses learning agility to readily adapt to change while remaining flexible in shifting conditions
- Proactively identifies risks and takes appropriate risk mitigation strategies
- Has knowledge and understanding of the value of IP & confidential information and its processes in the protection and/or commercialization of ideas
- The ability to work effectively with people from a variety of culturally and scientifically diverse backgrounds
- Strong ability to present complex concepts and ideas to non-technical audiences
- Is proactive, has good time management and excellent collaborative team work ability
- Excellent English written and oral communication and interpersonal skills
- Strong problem solving skills, attention to detail, and accurate recordkeeping abilities.
- Experience in any of the following areas is a plus:
 - Lean manufacturing
 - ISO 9000/AS9100 Quality Systems

If interested please email resume and cover letter to info@starfiresystems.com with subject heading job application.