

Senior R&D Chemist Job # 201607_SRDC_T



We are seeking experienced chemistry professionals to work closely with a team of chemists; mechanical, aerospace, electrical, chemical and materials research engineers; and technical project leaders in state-of-the-art research and development at CRG's Research and Development Center in Dayton Ohio. Senior R&D Chemists will provide technical leadership and have the following responsibilities:

- Communicate technical results, plans, and issues with internal and external customers, including presenting and writing reports and proposals
- Perform program management to keep research on track with regard to budget, schedule, and performance
- Secure funding to support a team of two to four researchers
- Collaborate with R&D team to conceptualize, develop and demonstrate innovative materials solutions for various applied R&D projects
- Assist in technology transition activities between R&D and commercialization teams
- Develop and maintain relationships with new and existing customer base to support program area growth

Qualifications & requirements:

- **Exclusive US citizenship required**
- Ability to obtain and maintain a SECRET security clearance required
- Minimum B.S. in Chemistry with 10+ years of experience or Master's Degree in Chemistry with 5+ years of experience required (related degrees are acceptable)
- Ph.D. in Chemistry with 5+ years of experience preferred (related degrees are acceptable)
- Minimum 3 years work experience in applied materials R&D required
- Minimum 2 years project leadership experience preferred
- Hands-on laboratory experience in **at least one** of the following areas preferred: **organic chemistry:** polymer formulation, chemical synthesis, elastomers, high-temperature materials, fire-proof materials, advanced composites; **inorganic chemistry:** thin films, sensors, nanotechnology, high-temperature materials, fire-proof materials, advanced composites; **electro-chemistry:** batteries, photovoltaics, fuel cells, capacitors, corrosion
- Work experience in a team-oriented environment preferred
- Experience securing outside funding preferred
- Strong written and verbal communication skills preferred

Ideal candidates exhibit the following qualities:

- Ability to perform in the fast-paced environment of a rapidly growing small business
- Ability to balance multiple projects and deadlines
- Ability to quickly understand new technology areas and manage and adapt to rapidly changing customer needs
- Excellent proactive and reactive problem-solving skills
- Excellent communication, interpersonal, and organizational skills
- Self-motivation, initiative, attention to detail, creativity, and enthusiasm with a team-oriented mentality

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is frequently required to stand, walk, sit, climb stairs, balance and stoop, kneel, crouch or crawl, talk or hear. The employee may be required to lift, carry, push or pull up to 50 lbs. Specific vision abilities required by the job include close vision, distance vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT

Work environment characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee may periodically need to be exposed to a R&D laboratory environment. The use of appropriate safety equipment such as safety glasses and shoes or wearing a respirator may be required. The employee should have basic awareness of hazardous materials, and be able to read SDS reports and follow appropriate precautions. The noise level in the work environment is usually low to moderate.