

Jolt Energy Technologies
242 Howard Ave.
Holland, MI 49424
616.395.8954



Jolt Energy Storage Technologies

Research Chemist

Position Description

Jolt Energy Storage Technologies is a startup focused on the development of all-organic batteries for various applications. We aim to revolutionize multiple industries by providing an inexpensive, reliable, and environmentally friendly means of energy storage.

We are seeking a talented and enthusiastic person to join our team as a Research Chemist. The primary role of this person will be to develop novel redox-active materials, evaluate and enhance the performance of battery materials, and collaborate with the team to define research strategies to achieve performance targets. An important secondary role will be to provide analytical support to the team in the form of UPLC/PDA/MS, GC/MS, NMR, UV-Vis, and electrochemical measurements, and track the status of deliverables. The person in this role will also be expected to work productively with outside collaborators. The role is a salaried position with an expectation of 40 hours/week onsite at our Holland, MI research facility.

Qualifications/Position Requirements

- BSc in Chemistry with demonstrated experience in organic synthesis (preferably with redox-active heterocyclic systems)
- Must be authorized to work in the U.S.
- Laboratory experience with polymer chemistry and electrochemistry is highly desirable.
- Experience with UPLC, MS, NMR, XRF, UV-Vis, and voltammetry is a plus.
- Excellent written and oral communication skills and demonstrated ability to manage multiple projects and work as part of a cross-disciplinary, collaborative team.
- Excellent problem-solving skills.
- Ability to remain highly organized in a fast-paced environment, identifying lab needs, and tracking project timelines.

Responsibilities

- Design, synthesize, and evaluate various redox-active material formulations for applications in organic batteries.
- Provide analytical support for material characterization, purity assessment, and failure analysis.

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- Track project progress and deliverables. Deliver daily and weekly updates demonstrating clear and concise written/verbal communication, strong organization skills, and attention to detail.
- Demonstrate a strong safety mindset and comply with safety standards and procedures.
- Be flexible to support the changing needs of a small organization as we grow.

Benefits

- Health care coverage
- Dental coverage
- Vision coverage
- 401k retirement plan

Compensation

- Salaried position with onsite lab expectations: Salary will be dependent on candidate's experience and capabilities.
- Vacation + Holidays

Equal Employment Opportunity Statement

As an equal employment opportunity employer, Jolt is committed to a diverse and inclusive workplace that fosters collaborative scientific discovery and innovation. In support of this commitment, we encourage applications from minorities, women, veterans, individuals with disabilities, and other underrepresented groups. Jolt fully considers all qualified applicants for employment without regard to age, ethnicity, disability, gender, gender identity, race, religion, sexual orientation, or any other characteristic protected by law.

This position complies with all applicable legal requirements in Michigan.

Application Process

Please send a resume to Madison Shaffer at Madison.shaffer@jolt-energy.com.