



**Sepion Technologies** is an advanced membrane startup dedicated to enabling mass electrification of human mobility and accelerating the transition to 100% renewable energy power by commercializing groundbreaking battery materials. Are you passionate about the energy revolution? Join us to contribute to positive change in a fun, team-oriented environment. More information is available here: <https://www.sepiontechnologies.com>

**Position Summary – Materials Engineer/Membrane Scientist:** We seek a highly-motivated, detail-oriented, and collaborative Materials Engineer/Membrane Scientist to lead membrane formulation, small batch coating and casting, scale-up, validation, and QC efforts for Sepion's expanding ion-selective membrane product line. In this role, you will be embedded with our materials R&D teams, learn the specific needs of each application—including batteries and water treatment, and inject your creativity to optimize membrane formulations and fabrication processes for maximum performance and manufacturability while working closely with our Coating Engineers that are responsible for pilot-scale roll-to-roll coating. Individuals with demonstrated technical excellence as well as strong emotional intelligence are highly sought after. This position is a rare opportunity to be at the forefront growing a materials startup into a flourishing business. Joining our team means committing to a psychologically safe zone where diversity, creative thinking, and constructive criticism thrive in an exciting and dynamic startup environment.

**Equal Employment Opportunity:** Sepion Technologies is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status. In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire.

**What You Will Do:**

- Provide technical leadership for membrane engineering, processing, coating, and characterization methods with porous polymer, ionomer, polyelectrolyte, and composite membranes
- Develop robust membrane formulations for electrochemical applications including but not limited to Li-ion, Li-metal, and aqueous battery applications
- Support establishment of in-house roll-to-roll coating infrastructure and design QA/QC protocol
- Assist in establishing a robust supply chain to manufacture membranes and coated Li-ion separators
- Effectively communicate with contract manufacturers, joint-development partners, and customers
- Contribute to technical writing of grants, patents, diligence and progress reports

**Ideal candidate will have:**

- 4+ years' experience fabricating and testing membranes
- M.Sc. or Ph.D. in chemical engineering, coating engineering, or materials science
- Background in polymeric coatings, composite coatings, coating process development and membrane fabrication
- Demonstrated ability to effectively interact with a broad range of colleagues
- Excellent written and verbal communication skills

**Ideal candidate will have knowledge in or will want to learn:**

- Thin-film applications
- Roll to roll manufacturing
- Leadership skills (directly responsible for subordinate's professional development and strategic contributions)

**Location & Benefits:** Oakland, CA. Full-time. Salary and equity options depend on experience. A health care supplement is included. Applications will be screened as received. The position is available immediately.

**How to Apply:** Send resume to Katie O'Day at [katie@sepiontechnologies.com](mailto:katie@sepiontechnologies.com) with MATERIALS ENGINEER in the subject heading.