

Potentiometric Probes



September 22, 2023

Potentiometric Probes is recruiting for the following position: Organic Chemist I

Exciting opportunity to work in a startup company at the UConn Health campus technology incubator (<https://innovation.uconn.edu/>) in Farmington, Connecticut. Potentiometric Probes, LLC develops fluorescent sensors of electrical activity in cells and tissues with applications in neuroscience and cardiac research, as well as drug discovery, and toxicology screening. The company was recently awarded a phase II SBIR grant from the National Institutes of Health (NIH) to advance their voltage sensor technologies. See <https://www.linkedin.com/company/potentiometricprobes/> for more information on this company and the technology. We are interested in hiring a talented synthetic organic chemist in either full time or part time employment.

In the role of Organic Chemist I, you will synthesize new voltage-sensitive fluorescent dyes being developed at the company and supported by phase II NIH SBIR grant funding. You will design and execute new synthetic strategies to produce new dyes with new chromophores and substitution patterns. You will also purify and characterize new compounds with chromatography, NMR, UV-Vis, and fluorescence spectroscopy.

Responsibilities:

- Design and perform organic synthesis and maintain detailed records in the lab notebook.
- Make recommendation for new research projects based on test results.
- Write up the experiments for patent applications and journal publications.

Skills and Experience:

- PhD in organic chemistry, or organic materials science; MS degree in organic chemistry, or organic materials science with related experience; BS degree in chemistry with extensive experience in organic synthesis.
- Must have a solid background in organic chemistry, and hands-on experience in organic synthesis.
- Must have basic computer skills with Excel, Word and PowerPoint.

Salary: \$60,000 to \$100,000/year depending on experience.

Duration: two years, with possibility of extension.

Work Authorization: must be able to work legally in the US. Visa (TN, H1B) sponsoring possible.

Contact: Please send a CV to info@potentiometricprobes.com if interested or contact us for more information.

Sincerely,

A handwritten signature in black ink, appearing to read "Corey Acker". The signature is written in a cursive, slightly slanted style.

Corey Acker, CEO