

# Potentiometric Probes



September 10, 2019

Potentiometric Probes is recruiting for the following position.

Position Title: Research Scientist (Biomedical Engineer)

Exciting opportunity for a biomedical engineer to work in a startup company in Farmington, CT at the new technology incubator on the UConn Health campus. 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 technology is based on voltage-sensitive dyes developed in the lab of Leslie Loew at UConn Health. The company was recently awarded a federal grant from the National Institutes of Health (NIH) for developing their voltage sensor technologies. See <https://www.linkedin.com/company/potentiometricprobes/> for more information on this company and the technology.

Responsibilities:

- Electrophysiology using patch clamp technique for dye testing.
- Fluorescence imaging with MATLAB control, Wavesurfer, ScanImage.
- Cell culture and acute brain slice preparation
- Make recommendations for new research projects based on test results, write up the experimental findings for patent applications and journal publications.

Skills and Experience:

- PhD, MS, or BS degree in Biomedical Engineering, Cell Biology, Neuroscience, etc. with relevant experience in imaging and electrophysiology.
- Experience with MATLAB along with data acquisition and control with National Instruments products preferred

Salary: \$50,000 to \$80,000/year depending on experience.

Duration: one year, 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](mailto:info@potentiometricprobes.com) if interested or contact us for more information.

Sincerely,



Corey Acker