

Job Title: R&D Engineer
FLSA Status: Exempt
Reports To: R&D Director
Location: Fort Collins, Colorado
Hire Date: February 2018



Job Description

OptiEnz Sensors has an immediate opening for a R&D engineer to design, build, and test prototype biosensor instrumentation products. The ideal candidate will be a success-driven and self-motivated individual with a background in chemical engineering, mechanical engineering, and/or optical engineering.

We are a team of highly motivated, high performing, collaborative scientists and engineers in a fast-paced early-stage company looking for people who are a match for our culture and environment.

The engineer will lead the mechanical/optical design and manufacturing of a prototype optical biosensor assay system based on fluorescence. The engineer will work as part of a team that includes biochemists/molecular biologists. The primary project duties will include sourcing and assembling optical and electrical components, designing breadboard circuits, and developing lab-based prototype software (LabVIEW or similar) that will be used to communicate with the electro-optical components, calibrate the instrument, and convert electrical signals into chemical measurements.

Essential Duties and Responsibilities

- Transfer of biosensor technology to prototype instrument suitable for field trials
- Design, fabrication, and testing of prototype biosensor electro-optical and software components

Required Qualifications

- MS in an engineering discipline
- Expertise in manufacturing and laboratory techniques
- Previous experience in an instrument production environment, preferably in biotech
- Excellent written and verbal communication skills
- Experience designing, assembling, and testing optical systems
- Experience developing lab instrumentation software

Preferred Qualifications

- Experience developing biosensors
- Experience developing analytical instrumentation

Apply

Please send your resume and cover letter describing how your skills would be an excellent fit for the OptiEnz team.

Submit all materials to: brian.heinze@optienz.com