Senior Design Engineer Position Available

Full-Time opportunities

Location: Boston, MA

Vaxess Technologies aims to develop the first small volume blood sample collection and stabilization device on the diagnostics market. The device will enable more robust quantitative lab results by improving the metering and integrity of the sample through transport to central testing facilities. In turn, this disruptive technology will enable, for the first time, routine medical screening from the home or other remote settings. Overall this project fits within Vaxess's mission to improving access to health care via more stable products that can be easily delivered throughout both the developed and developing world.

Research and product development at Vaxess is cross-disciplinary, integrating aspects of engineering, formulation science and human factors. We are seeking talented, collaborative, and highly motivated individuals with interest in product development to join our core team of scientists. This is a unique opportunity to be a key part of a rapidly expanding startup bringing innovative technology to the market.

Responsibilities

- Design prototypes in CAD and perform functional laboratory and human factors testing

- Identify contract organizations and vendors for outsourced prototyping and manufacturing activities

- Support active grant-funded collaborations; generate new grant submissions

- Effectively communicate research results through technical reports and presentations

- Author scientific publications and funding applications; contribute to intellectual property filings

Qualifications

- Graduate degree in Mechanical or Biomedical Engineering, or related scientific discipline

- Experience designing and evaluating medical devices containing blood-contacting microfluidics

- Design portfolio contains multiple examples of solid modeling and injection molding outputs

- Familiarization with ISO 13485 & 14971, 21 CFR 820 is considered a plus

- Adeptness in learning, problem solving, thinking independently, collaborating, and driving innovation

- Passion for applying science and technology to solve major global problems

If you're interested in joining the Vaxess team, submit your CV/resume and a design portfolio to careers@vaxess.com.