

# Senior Product Development Engineer / Leader (Ph.D.)

## Who we are

Unilife is a U.S. based developer and manufacturer of state-of-the-art injectable drug delivery systems. We strive to create technologies that are best-in-class in each of our product categories, including prefilled syringes with automatic needle retraction, drug reconstitution delivery systems, auto-injectors, wearable injector systems and targeted delivery systems. We win customers by out-innovating our competitors and delivering rapid, customer-centric, high quality solutions to drug delivery challenges.



## Why Unilife?

Our culture is built on innovation, an insatiable appetite to exceed customer expectations, the pursuit of excellence and an intrinsic desire to make drug delivery safer, easier and more efficient. By eliminating bureaucracy and empowering our general managers, we have created the most complete technology portfolio for injectable drugs on the market, backed by state-of-the-art facilities and a team with deep industry expertise.

At Unilife, you will be surrounded by the smartest associates with contagious energy and passion for what they do. You will have the chance to have meaningful impact on our business while still at a very early stage in your career. Our relatively flat development teams encourage new ideas and empower you to make a difference. We invest in your success with supportive mentoring along with the tools and flexibility to help you grow. In line with our entrepreneurial spirit there are no set career paths – we immediately reward impact and results with accelerated career trajectories as many of our engineers can be testament. We continually sculpt roles as your skills strengthen and you seek expanded opportunities. As we grow rapidly, so will you.



## Engineering roles available

We are focused on the design, development, manufacture and supply of drug delivery solutions for biotechnology and pharmaceutical customers. Our engineers generate and commercialize ideas and concepts for new products, product enhancements and product customization. Engineers with a Ph.D rapidly assume leadership responsibilities and are held accountable for leading teams and ensuring timely and high quality deliverables to our customers. We have roles ranging from product design and development to process engineering, manufacturing, automation, operations, supply chain and quality. Key elements of the roles include:

- Leading the design and development of our next generation of drug delivery solutions
- Performing and leading complex engineering analysis of new device designs
- Developing and executing test protocols, documenting results, and ensuring quality standards
- Leading the design and implementation of pilot scale and high speed manufacturing equipment in our state-of-the-art cleanrooms
- Developing and implementing processes for assembly of new devices
- Collaborating with machinists to make prototypes
- Leading vendor identification, selection, negotiations, contracts and management
- Transferring products into GMP production
- Leading small, dedicated, cross-functional development teams
- Being part of a team of highly talented, smart, energetic, fun, and passionate associates



## What we look for

We are not just looking for smart engineers or thinkers. We are looking for ambitious, self-starters who know how to turn their ideas to action. We want engineers who will do whatever it takes to get the job done because they are driven, passionate, have high standards, want to have an impact and exceed customer expectations. We look for engineers who want to drive product development from concept to commercialization. We want engineers who could soon be leaders in our company as we continue to grow rapidly. Simply put, we are looking for the best of the best. Other foundational requirements include:

- Desire and motivation to work in a high impact role with independence and accountability
- Ability to frame complex engineering problems, think creatively, and develop solutions
- Ability to be hands on and execute effectively and efficiently
- Capacity and desire to gain breadth and depth in cross-functional roles and ultimately lead cross-functional teams
- Thoroughness and attention to detail required for medical device development
- Hands on mechanical design experience (plastic and metal parts experience preferred) for product design and development, manufacturing and automation roles
- Capability to perform complex analytics (e.g. FEA, tolerance analysis, GD&T, 1st principles)
- Proficiency in SolidWorks
- Prior internship/co-op experience preferred
- Impressive academic and/or industry track record (e.g. publications, patents)
- Ph.D. in Mechanical, Materials, Aerospace, Chemical, or Biomedical Engineering (Fall or Spring graduates)
- Solid GPA (3.5+ out of 4.0) and top test scores

