



Zenflow, Inc.  
395 Oyster Point Boulevard, Suite 501  
South San Francisco, CA 94080

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## R&D Internship

### Company Description:

Benign Prostatic Hypertrophy (BPH), also known as enlarged prostate, is the most common cause of obstructive lower urinary tract symptoms (LUTS) in men. The walnut-sized prostate gland surrounds the male urethra just below the bladder outlet. As the prostate enlarges with age, it encroaches on the urethra and obstructs urine flow from the bladder, leading to urinary straining, frequency, urgency, and nocturia. These symptoms significantly impact quality of life, causing sleep disturbance, social life disruption, psychological burden, and inadequate sex life.

Zenflow Inc. is a medical device company focusing on minimally invasive solutions for the treatment of lower urinary tract symptoms secondary to benign prostatic hyperplasia.

### Position/Project Summary:

Zenflow's R&D team is currently working on advancing the existing platform to ensure device readiness for our upcoming FDA clinical trial. The intern's role at Zenflow will be to assist with engineering development and testing of the Zenflow Spring System. The intern will work very closely with Zenflow R&D engineers to assist with designing and making prototypes, designing test fixtures and test prototypes, as well as conducting testing of prototypes and product. The intern will also be involved with ensuring we meet our Quality System Requirements for a medical device, by participating in inspections of incoming product and final product and final product builds.

### Required Skills:

Zenflow is seeking internship candidates pursuing an engineering degree (mechanical or biomedical). Ideally, the candidate has experience in CAD modeling (specifically with use of Solidworks). Furthermore, ideally the candidate is interested in a future career in medical devices.

### Job Responsibilities:

- Help complete device builds for upcoming Canadian and US clinical trials in a clean room environment
- Help to test prototypes of devices, and help design any next iterations
- Help build design verification & validation clinical units in a clean room environment
- Test devices for design verification & validation – including full-system testing (cadaveric and bench testing), and subassembly testing (tensile tests).

### Impact:

The projects the intern will partake in will have a lasting impact to the company. As a small start-up team, we believe that all voices around the table can provide a valuable opinion. As a result, we have had interns invent ideas that have not only contributed in valuable ways to our IP portfolio, but have gone on and made a real difference in our clinical product and patients' lives.

## SLI STEM Summer Internship 2021

**Company Name:** Zenflow

**Company Address:** 395 Oyster Point Blvd., Ste. 501 South San Francisco, CA 94080

**Company website:** [www.zenflow.com](http://www.zenflow.com)

**Company description and mission:** Zenflow is a medical device company working on a therapy for patients who suffer from benign prostatic hyperplasia (BPH). BPH is a prostate condition that affects almost all men at some point in their lives. Our therapy includes a permanent implant, a delivery system, and a CMOS based digital endoscope. We have treated about 90 patients so far and are entering a larger 200-patient clinical trial this year.

**What type of internship:** Hybrid

**Start and end date:** 6/25/21-9/20/21

**Estimated hours/ week:** 20

**Number of internship placements:** 1

**Desired skills/ coursework:** Ideally the student has completed engineering coursework and is familiar with CAD modeling, and has an interest in a career in medical devices.

**Minimum qualifications:** Engineering student

**Job description:**

The position is for someone who can help the engineering and manufacturing teams as we prepare for our US clinical trial. Only one position is available.

**Additional comments:** Zenflow is looking for a hands-on intern. We have limited occupancy and strict COVID controls in place at our office to ensure the safety of everyone present. There may be a few tasks that can be conducted remotely, but much of the engineering work is to be done in the office in South SF.