

Title	Engineer Intern Job Description
Doc # and Rev	JD001 RD0



1. Overview

- a. The Engineer Intern position assists research and development team in project, process, and product development activities whilst developing an understanding of engineering, quality, and business processes and targets.

2. Responsibilities

Product/Process Development:	Assist in Product and Process development by evaluating intellectual property landscapes, understanding FDA and AATB regulations, and finding product and process design solutions to support delivery to clients.
Experimental Manufacturing:	Execute exploratory manufacturing cases for allograft manufacturing development. Document variables including process times, yields, challenges and areas of improvement. Close cases at completion including quarantine location of final product and cleaning of all equipment.
Tooling Mechanical Design:	Take direction on and develop mechanical design for tissue processing tools. Perform CAD to enable third party manufacturing by developing solid models and drawings with appropriate GD&T.
Maintain Lab Environment:	Maintain a functional lab space by ordering new equipment as needed, performing equipment maintenance, cleaning as needed and ordering to maintain supply levels needed for experimental progress.
Coordinate External Testing:	Communicate and submit samples for external testing by packaging samples, filling out sample submission forms, and maintaining professional relationships with vendors.
Support IDB Success:	Other duties as necessary in order to support Initial Design Bioinnovations

3. Requirements

- a. At least high school education, Sophomore level College with focus on STEM.
- b. Experience in extracurricular STEM activities.
- c. Capability in CAD drawing software.
- d. Ability to work on standard height lab counter.
- e. Ability to lift 50 lbs.
- f. Willingness to work with donated human tissue.
- g. Proficiency with Microsoft office suite of products.

4. Compensation

Compensation will be \$20-\$30 per hour depending on experience and education.

Rev.	Nature of changes	Approval	Date
R00	Original release.	DP	07/15/25