Medical Textile Project Engineer

Reporting to the Medical Textile Programme Manager - conduct process-development and design-transfer-to-manufacturing activities of medical devices and polymer-based soft tissue implants across Textile Engineering and General Surgery markets. The candidate should have a strong background in mechanical-engineering, design-engineering, polymer-engineering or related discipline. Ideally, this experience relates to product-development for implantable medical devices. Previous experience with absorbable/non-absorbable polymers is highly desirable. Candidates must have at least 3-5 years of experience in the private sector. Working within a regulatory environment, the position will be challenging and will require an ability to work autonomously across a range of client projects.

Duties and Responsibilities:

- Coordinates and execute specific process-development elements of design-service projects from concept to manufacture – driven by Client/Customer design inputs and as directed by the Medical Textile Programme Manager.
- Coordinates and execute specific elements of large transfer-to-manufacturing projects– driven by Client/Customer design inputs and as directed by the Medical Textile Programme Manager.
- Ability to execute on multiple client projects simultaneously through the integration of available Aran-Biomedical processing-technologies and external (outsourced) technologies.
- Demonstrate leadership and autonomy in taking ownership for key Process/Manufacturing elements of an entire Transfer-to-Manufacturing Project which will involve a cross-functional team of Quality Engineering, Project Engineering, Manufacturing Engineering and Production representatives.
- Project Work elements can include device process-development, DOE-study execution, packaging and labeling systems design and installation, line-layout development, equipment procurement, Process and Equipment Validations, Training of Production Staff etc.
- Ability to define the best development methods (internal / external processes) for a specific product manufacturing solution.
- Demonstrates a strong appreciation for lean-management of project costs with an emphasis on maximizing available Company revenue and meeting project timelines
- Ability to assist with, and execute specific elements of, Design Service contracts per customer over short-time intervals.
- Demonstrates high attention to detail in meeting all criteria of Design Service and Transfer-To-Manufacturing Requirements
- Interface with Quality Assurance, Operations, Business Development and Customers as required during each project

- Assist Business Development in developing and costing detailed Design Service Proposals in response to Customer Input criteria.
- Perform all Product development and implementation activities within a design control setting.
- Manages related equipment-procurement and specifies tooling requirements & designs.
- Creation and management of documentation and procedure system for processes, equipment, tooling, and testing.
- Supports all customer requirements in a team based environment.
- Identifies and manages subcontractors and supplier-requirements as needed
- Support quality system requirements through design control methods, design of experiments (DOE) and computer aided design.
- Supports design verification testing and process validations. Role will involve the development, review and approval of testing protocols and reports for executed studies.
- Performs other related duties, as assigned.

Key Requirements:

Successful candidate must have a track record of success in an engineering environment, a Bachelor's of Science degree in Engineering or related field. Candidate must be highly motivated and passionate about developing new products with strong documentation, oral, and interpersonal communication skills required. Ideally, candidate will have a minimum of 3- 5 years of relevant development experience –across the Textile Engineering and General Surgery sectors. The individual must be proficient in mechanical design principles and material selection. Demonstrated problem solving skills is important. Candidate must be familiar with project management and critical path planning. Hands-on fabrication skills and use of shop equipment is required. Computer aided design experience is desirable and computer solid modeling a plus. This position has full responsibility and authority to make necessary decisions and/or take action, which is required to carry out job duties.

Applications:
Applications are invited by CV to hr@aranbiomedical.com