



## Senior R&D Engineer

### About Aran Biomedical:

Aran Biomedical design, develop and manufacture implantable medical devices, as an outsource partner to many of the leading global medical device companies. Our focus on innovative technology and biomaterials expertise fosters a dynamic culture, delivering next-generation implantable solutions to our customers. Aran Biomedical's facility is situated along the Wild Atlantic Way in Spiddal, overlooking Galway Bay, and is just 20 minutes from Galway City by car. As we continue to grow and expand our facilities, we are looking for like-minded people to come and join Aran Biomedical's world-class Biomaterial Design Service engineering team.

### About the Role:

A Senior R&D Engineer is required to support all aspects of biomedical implant design and process development, with a key focus on applying and executing on core research and development principles. This will include understanding biomaterial selections and providing technical leadership on innovative prototype design builds for various client projects.

The successful candidate will report to the Design Services Program Manager and be responsible for process development activities, writing & implementing test protocols, data gathering and analysis, and will be in a position to draw on a broad and diverse set of skills and experience in solving product & process development challenges. The role will support a diverse range of therapy areas, products and processes, and represents an excellent opportunity for a creative individual to develop their skills in the development of biomaterials-based implantable medical devices.

### Duties and Responsibilities:

- Provide technical leadership to Design Service project teams. Assume reporting responsibilities for members of the project team as delegated by the Design Services Program Manager.
- Manage the planning and execution of R&D projects to meet customer needs.
- Develop test methods and qualification strategies to meet design intent.
- Interact with Customers and Vendors during general activities.
- Identify new equipment, materials and vendors needed to develop Aran's technical capacity and provide solutions to customers.
- Present and provide weekly updates to senior management on client's projects.
- Provide technical reports as needed to team members, management, and customers.

- Develop and enhance Aran Biomedical's unique and innovative Biomaterials application offerings and contribute to enhancing Aran Biomedical's intellectual property portfolio.

### **Key Requirements for the Role:**

- Third level primary degree, preferably in Mechanical/Biomedical Engineering or Materials/Polymer Science. A Masters or PhD in these areas would be a distinct advantage. Other relevant qualifications will also be considered.
  - 5-8 Years commercial experience in an R&D role in the Medical Device Industry.
  - Aptitude for analytical problem-solving and the ability to apply creative thinking to solve complex problems.
  - Hands-on approach to innovative concept design, & development of novel products and fabrication processes.
  - Good working knowledge of engineering design principles coupled with knowledge of polymer material properties and manufacturing processes is particularly desirable.
  - Strong initiative and follow-through in executing project responsibilities, overcoming obstacles, and balancing multiple priorities effectively through strong technical and/or project leadership skills.
  - Excellent problem solving, decision making, and root cause analysis skills are required.
  - The ability to effectively communicate concepts, ideas and knowledge to all levels of the organisation.
  - The Senior R&D Engineer is expected to develop and evolve her/his skills to stay abreast of the business and the evolving environment in which the business operates.
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