

**Principal Mechanical Engineer
(Requisition 5020-05)**

Job Description: As a member of Implant R&D team the engineer will be a key player in the design and development implants for giving sight to the blind. We are looking for someone with experience working on a development team to invent novel implant designs and fabrication processes. Extensive experience with medical device design/validation/verification under design control is required. DBS or cochlear implant product realization experience would be very beneficial.

Primary Responsibilities:

1. Design and develop implants and/or implant components for chronically implantable active medical devices.
2. Author and execute verification and validation plans for chronically implantable active medical devices.
3. Design and develop fixtures and hardware for the manufacture and testing of implants.
4. Conduct brainstorming sessions and design reviews, build prototypes, release designs under design control and document control.
5. Develop, document and validate new processes for various manufacturing operations relating to new implant designs.
6. Execute/manage small to medium sized projects, perform project design and status review presentations for technical area of responsibility.

Preferred Skills/Experience:

1. BS or MS degree in mechanical engineering or closely related field
2. Experienced with solid modeling CAD software, preferably SolidWorks.
3. Experience designing medical devices.
4. Experience with medical device standards for design, packaging and/or sterilization.
5. Experience with medical device design control procedures and practices.
6. Experience with verification and validation testing and documentation.
7. Self-motivated, highly organized, able to manage multiple tasks at one time.
8. Strong communication skills and the ability to function in team environment.
9. Experience in the medical device industry or pharmaceutical industry is critical. Experience in another regulated industry may substitute depending on the candidate's strengths.
10. Able to manage medium sized engineering projects that require coordinating the contributing efforts of many individuals across several different departments.

Minimum work experience required/preferred: A bachelor's degree plus 10 years of design experience, or a master's degree plus 8 years of design experience.

Minimum education and training required/preferred: MS or BS degree in mechanical engineering or closely related field.