

Associate Scientist / Scientist I – Medical Device Product Development

Location: Missoula, MT in person

Employment Type: Full-Time

Department: Research & Development

About the Role

We are seeking an enthusiastic **early-career Scientist** to join our **Medical Device Product Development** team. This role is ideal for candidates who are passionate about the **design and development process** and eager to apply scientific and engineering principles to bring new medical technologies from concept to reality. You will work closely with senior scientists and cross-functional teams to support the creation, testing, and refinement of innovative medical devices.

Key Responsibilities

- Contribute to the design, prototyping, and refinement of new medical device concepts.
- Assist in planning and executing experiments to evaluate materials, components, and device performance.
- Support design control activities, including documenting requirements, design inputs, and design verification/validation tasks.
- Generate clear, well-organized technical reports, test protocols, and laboratory documentation.
- Conduct data analysis and help identify trends that inform design decisions.
- Collaborate with project team to develop test methods, build prototypes, and troubleshoot design challenges.
- Participate in design reviews, brainstorming sessions, and project meetings.
- Learn and apply regulatory and quality requirements applicable to medical device development (e.g., FDA 21 CFR Part 820, ISO 13485).

Qualifications

Required:

- B.S. or M.S. in Biomedical Engineering, Mechanical Engineering, Materials Science, Chemistry, Biology, or related field.
- 0–2+ years of experience in medical device development, biomaterials, laboratory research, or engineering design (internships and academic projects welcome).
- Basic understanding of experimental design, laboratory techniques, or engineering design principles.
- Strong analytical and problem-solving skills with attention to detail.
- Ability to work effectively in a collaborative, interdisciplinary environment.
- Clear written and verbal communication skills.

Preferred:

- Hands-on experience with device prototyping, CAD modeling, materials testing, or mechanical/biological characterization.

- Familiarity with design controls, risk management, or quality systems.
- Experience with data analysis tools (e.g., Prism, Excel).
- Exposure to medical device testing standards or verification/validation processes.
- Experience with some of the following: Tissue culture/aseptic technique, mechanical characterization and rheology, chemical synthesis, microscopy, and various analytical methods (e.g. HPLC, NMR, spectroscopy).

What We Offer

- A supportive environment that prioritizes mentorship, growth, and hands-on learning
- Opportunities to participate in all stages of product development—from concept to testing
- Competitive salary
- The ability to contribute meaningfully to technologies that improve patient care

Why Join Us?

Joining Maana Discoveries offers the opportunity to work at the intersection of biotechnology, materials science, and engineering, developing innovative solutions for human health. Maana values meaningful impact, scientific curiosity, and practical solutions, providing a collaborative environment with broad responsibilities and room to grow. It's an ideal place for those who want to solve real-world problems in a fast-moving, purpose-driven setting.

How to Apply

Submit your resume and a brief cover letter to careers@maanadiscoveries.com. Please include relevant coursework, projects, or internship experiences that highlight your interest in medical device development.