



## **2023 Spring Biotechnology Internships**

### **Description**

**Cresilon, Inc** is a medical device company based out of Brooklyn, NY that focuses on bringing new technologies to the animal health industry that aim to solve problems associated with wound healing. We have created a hemostatic device that can instantly stop traumatic bleeding. Please refer to these associated links to learn more about Cresilon:

1. <https://www.bloomberg.com/news/videos/2014-11-19/bandaid-of-the-future-stops-bleeding-instantly>
2. [http://www.ted.com/talks/joe\\_landolina\\_this\\_gel\\_can\\_make\\_you\\_stop\\_bleeding\\_instantly?language=en](http://www.ted.com/talks/joe_landolina_this_gel_can_make_you_stop_bleeding_instantly?language=en)

This spring, Cresilon is looking to bring on 11 interns from diverse fields in order for them to gain exposure into the industry.

There will be technical and non-technical internships available, which will focus on a specific project. Candidates will be exposed to all aspects of the industry regardless of their placement. The internship is a **15-week onsite** program, beginning on **23 January 2023**. Compensation will be fixed at **\$20.00/hour** for **40 hours/week**.

Apply through Handshake, Workable, LinkedIn, or company website (cresilon.com).

**Applications accepted through October 26th.**

There are eight internship categories available. **Please indicate your top 2 choices in your attached cover letter:**

### **1. Manufacturing (Process and/or Production)**

Job Description: Interns will assist with supply chain logistics, optimization of processes / process flows, creation and revision of Standard Operating Procedures (SOPs) and batch records, and equipment installation and qualification. Opportunities for compensated travel to conferences and other industry-related events exist.

### **2. Research and Development (Formulation and/or Process Development)**

Job Description: Interns will assist with conducting routine research and development on the subject of formulation, scale-up, polymer chemistry, rheology, biochemistry, and material science. Interns will write up and present findings. Opportunities for compensated travel to conferences and other industry-related events exist.

### **3. Research and Development Mechanical Design**

Job Description: Interns will assist with conducting routine research and development on the subject of designing, testing, and improving delivery devices for Cresilon's suite of products. Interns will write up and present findings. Opportunities for compensated travel to conferences and other industry-related events exist.



#### **4. Quality Control (Microbiology/Chemistry)**

Job Description: Interns will assist with verifying conformance to in-process specifications and proposing and implementing QC assays. This program will involve working with aseptic techniques and interfacing with the manufacturing team. Opportunities for compensated travel to conferences and other industry-related events exist.

#### **5. Quality Assurance**

Job Description: Interns will assist in establishing the Quality Management System, which serves as the backbone of all quality and regulatory requirements at Cresilon. Interns will help in maintaining the central document control system, implementing OSHA requirements, participating in inspections, and reporting any non-conformances. Opportunities for compensated travel to conferences and other industry-related events exist.

#### **6. Regulatory Affairs**

Job Description: Interns will perform research, provide strategic assessments, and use primary and secondary research data to analytically support existing and new regulatory strategies. Interns will support the submission of a 510(k) application. Opportunities for compensated travel to conferences and other industry-related events exist.

#### **7. Business Development**

Job Description: Interns will perform market research, provide strategic assessments, and use primary and secondary market research data to analytically support existing and new marketing sales strategies. Opportunities for compensated travel to conferences and other industry-related events exist.

#### **8. Sales and Marketing**

Job Description: Interns will assist with writing marketing materials, updating social media, spearheading presentations and individual campaigns, and will work with sales to set annual and quarterly focuses. Opportunities for compensated travel to conferences and other industry-related events exist.

### **Requirements**

#### **Requirements for Manufacturing Internship:**

- Background in Supply Chain Management, Industrial Engineering, Chemical Engineering, or similar
- Graduate-level coursework and/or industry experience preferred

#### **Requirements for Research and Development (Formulation/Process) Internship:**

- Background in Chemistry, Biochemistry, Chemical Engineering, Materials Engineering, or similar
- Prior lab experience required
- Graduate-level coursework preferred

**Requirements for Research and Development (Mechanical Design) Internship:**

- Background in Mechanical Engineering or similar
- Prior lab experience required
- Graduate-level coursework preferred

**Requirements for Quality Control Internship:**

- Background in Chemistry, Biology, Engineering, or similar
- Prior lab experience required

**Requirements for Quality Assurance Internship:**

- Background in Chemistry, Biology, Quality Assurance, or similar
- Prior lab experience preferred

**Requirements for Regulatory Affairs Internship:**

- Background in Biomedical Science, Regulatory Affairs, Marketing, or similar
- Industry experience preferred

**Requirements for Business Development Internship:**

- Background in Biomedical Science, Finance, Marketing, or similar
- Industry experience preferred

**Requirements for Sales and Marketing Internship:**

- Background in Biomedical Science, Finance, Marketing, or similar
- Industry experience preferred

**Benefits**

- Unlimited monthly MTA MetroCards for duration of program, plus additional optional commuter benefits
- Accrued paid safe and sick leave, plus additional COVID leave
- Medical, dental, and vision insurance options