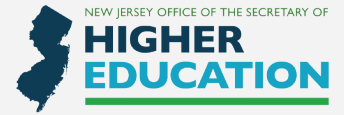


## New Jersey Career Accelerator Internship Grant Program



# Biopharmaceutical & Life Sciences

Summer 2026 Internship Catalog

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# Biopharmaceutical & Life Sciences

**Delphine Diagnostics Inc.**, Newark, NJ

**Commercialization Readiness Analyst (Internship)**, Hybrid, 1 funded position(s)

As a Commercialization Readiness Analyst, you will lead and contribute to the development and commercialization of molecular diagnostic products for rapid and accurate sepsis pathogen identification. Key responsibilities include analyzing product design, benchmarking against competitors, and exploring the integration of machine learning algorithms to enhance diagnostic capabilities. Collaborating with cross-functional teams, you'll provide actionable insights, support clinical validation, and ensure compliance with regulatory standards. Your work will directly contribute to innovative diagnostic solutions for outpatient and inpatient settings.

- **Product Analysis:** Examining design attributes of current molecular diagnostic products.
- **Competitor Research:** Conducting in-depth analysis of competitors' products, features, and market positioning.
- **Performance Benchmarking:** Comparing the specificity and sensitivity of competitors' tests with the company's products.
- **Product Improvement Recommendations:** Providing actionable insights to improve the design, performance, and usability of existing products.
- **Technology Assessment:** Evaluating emerging technologies and their potential impact on current and future products.
- **Clinical Validation Support:** Assisting with clinical validation studies to demonstrate product efficacy and accuracy.
- **Competitive Intelligence:** Monitoring and reporting on competitive activities and market developments.
- **Customer Needs Assessment:** Engaging with healthcare professionals to understand their needs and challenges in diagnosing sepsis.

**Desired Majors:** Computer Science, Information Systems & Technology; Business, Entrepreneurship & Human Resources; Health Professions; Life Science ;

**How to apply:** [abala@delphinedx.com](mailto:abala@delphinedx.com)

**Required Documents:** Transcripts (used to verify applicant is a student at a NJ IHE) ;Cover Letter ;Resume;

# Biopharmaceutical & Life Sciences

**Evivue Biotechnology Inc**, North Brunswick, NJ

**Summer Internship: Advanced Formulation & Drug Delivery R&D**, In-person, **2** funded position(s)

Evivue Biotechnology Inc is a specialty pharmaceutical R&D firm located in the heart of New Jersey's life sciences corridor. Operating out of our state-of-the-art research laboratory and pilot scale-up facility at the NJ Bioscience Center (adjacent to Rutgers University), we specialize in the precision engineering of innovative drug delivery systems. We bridge the gap between complex laboratory science and market-ready therapeutic solutions.

The selected intern will work directly under the guidance of our Lead Scientist, who brings over 20 years of pharmaceutical industry leadership in mentoring talent from high school seniors to research professionals. Our philosophy focuses on holistic growth:

- **Mentorship:** Work directly under a Lead Scientist with 20+ years of industry experience in a structured "lab-to-shelf" learning environment.
- **Technical Mastery:** Hands-on training in drug product development and sophisticated bioanalytical testing methodologies (e.g. HPLC, IVPT, Image Analysis).
- **R&D Lifecycle:** A "lab-to-shelf" understanding of the pharmaceutical innovation pipeline.
- **Industry Acumen:** Coaching on the complex regulatory (FDA) and commercialization landscape.
- **Professional Growth:** Gain skills in data integrity, FDA regulatory awareness, and scientific communication.

This internship directly supports New Jersey's Strategic Sector goals by equipping a local student with high-demand skills in the state's \$120 billion life sciences economy. By providing access to the NJ Bioscience Center's ecosystem and training in pilot scale-up protocols, Evivue Biotechnology is cultivating the specialized technical talent required to maintain New Jersey's status as a global leader in biopharmaceutical innovation.

## Qualifications & Eligibility

- **Education:** Current undergraduate (Junior/Senior) or Graduate student pursuing a degree in Chemical Engineering, Chemistry, Biology, Material Science, or a related field.
- **Experience:** Prior laboratory experience in a wet lab or analytical/bioanalytical environment is desirable.
- **Skills:** Strong analytical problem-solving abilities and excellent verbal/written communication.
- **Eligibility:** Must be a student at a New Jersey college/university or a NJ resident attending an out-of-state institution.

## Key Responsibilities

- **Advanced Formulation Development:** Partner with senior scientists to optimize drug delivery vehicles using nano to micro encapsulation technologies.
- **Analytical Characterization:** Support R&D workstreams through precise morphology and drug delivery (skin permeation) measurements using advanced instrumentation (e.g. HPLC, stability testing, and particle analysis, image analysis and automated skin penetration test system).

- Pilot Scale-Up Support: Gain exposure to the transition from benchtop research to pilot-scale manufacturing processes.
- Independent Research Project: Spearhead a focused technical project aligned with company R&D goals, culminating in a formal data presentation to the leadership team.
- Quality & Documentation: Maintain rigorous laboratory notebooks and project management documentation consistent with pharmaceutical regulatory standards.

Proposed Projects - The intern will select one of the following specialized projects based on their academic strengths:

- Drug Delivery Assessment & Characterization: Lead a comprehensive evaluation of delivery kinetics, utilizing in vitro dissolution or skin permeation testing and physical characterization to assess the efficiency of active ingredient release and delivery.
- Stability & Compatibility Mapping: Execute a study to measure formulation stability across various thermal gradients over 8 weeks using analytical verification.
- Viscosity & Texture Optimization: Investigate how polymer concentrations affect the rheology of topical systems to improve dosing accuracy and consumer "skin-feel."
- Excipient Screening: Conduct a comparative release-profile analysis of various excipients to determine the most efficient delivery vehicle for a target therapeutic.

**Desired Majors:** Life Science ;Math & Physical Sciences ;Engineering

**How to apply:** [jwu@evivue.com](mailto:jwu@evivue.com)

**Required Documents:** Resume;Cover Letter ;Transcripts (used to verify applicant is a student at a NJ IHE)

# Biopharmaceutical & Life Sciences

**Fork & Good**, Jersey City, NJ

**Bioprocess Intern**, In-person, 2 funded position(s)

Fork & Good is developing new approaches to growing meat without livestock. Our approach addresses critical food safety issues, cuts out the immense resources needed for livestock, and avoids animal slaughter. We are using innovative cell culture technologies to grow cells for products that have the meat flavor we crave and the key nutrients we need. We have 80+ years of combined experience in food business and science, developed one of the first prototypes of clean meat in 2011, and was the first team who had approved intellectual property (i.e. patents) in the cultured meat space in the US. Learn more about us at [www.forkandgood.com](http://www.forkandgood.com).

Fork & Good's summer internship program is looking for individuals who are excited to be a part of cultivated meat, making a direct contribution to our goal to create a technology for sustainable food production. The Bioprocess Intern will have an opportunity to participate in the development and manufacturing of new bioprocesses delivering material to key commercial stakeholders. The Bioprocess Intern will report directly to the Bioprocess Director.

- Maintain mammalian cell cultures and media preparation to prepare for benchtop and pilot scale bioreactor batches.
- Have hands-on experience with process analytical tools to analyze cell culture and bioreactor performance.
- Have experience using processing technologies for creating aseptic connections.
- Take part in bioreactor runs supply biomass to Fork & Good interested parties (including investors and/or commercial partners).
- Perform data analysis, interpretation, and sharing research findings at internal team meetings.
- Contribute to the development and testing of new technologies and workflows.

**Desired Majors:** Engineering; Life Science ; Manufacturing, Production, and Skilled Trades ; Technologies & Technicians

**How to apply:** [jon@forkandgood.com](mailto:jon@forkandgood.com)

**Required Documents:** Resume; Cover Letter ; Transcripts (used to verify applicant is a student at a NJ IHE)

# Biopharmaceutical & Life Sciences

**Fork & Good**, Jersey City, NJ

**Research and Development Intern**, In-person, **1** funded position(s)

Fork & Good is developing new approaches to growing meat without livestock. Our approach addresses critical food safety issues, cuts out the immense resources needed for livestock, and avoids animal slaughter. We are using innovative cell culture technologies to grow cells for products that have the meat flavor we crave and the key nutrients we need. We have 80+ years of combined experience in food business and science, developed one of the first prototypes of clean meat in 2011, and was the first team who had approved intellectual property (i.e. patents) in the cultured meat space in the US. Learn more about us at [www.forkandgood.com](http://www.forkandgood.com).

Fork & Good's summer internship program is looking for individuals who are excited to be a part of cultivated meat, making a direct contribution to our goal to create technology for sustainable food production. The Research and Development Intern will have an opportunity to participate in the development and testing of different cell lines and media formulations for Fork & Good's cultivated meat product pipeline. He or she will report to the Principal Scientist in the Research Development Group

- Hands-on experience with cell culture testing cell lines and media formulations where you will contribute to the development and scaling of new pipeline processes of Fork & Good's cultivated meat product.
- Key responsibilities include executing cell culture practices such as aseptic techniques, cell thaw, expansion, cryopreservation and transfection of primary cells.
- Additional responsibilities may include clone screening using gene expression assays and molecular-based analytical assays to detect genomic insertion or knock-in events.
- Perform data analysis, interpretation, and sharing research findings at internal team meetings.
- Contribute to the development and testing of new technologies and workflows.

**Desired Majors:** Engineering;Life Science ;Natural Resources, Sustainability & Environmental Science

**How to apply:** [jon@forkandgood.com](mailto:jon@forkandgood.com)

**Required Documents:** Transcripts (used to verify applicant is a student at a NJ IHE) ;Cover Letter ;Resume

# Biopharmaceutical & Life Sciences

**Neoventech LLC**, North Brunswick, NJ

**Pharma-Tech Strategy & AI Innovation**, In-person, 2 funded position(s)

Interns work directly under a Lead Scientist with 20+ years of industry experience. Our mentorship focuses on creating well-rounded professionals prepared for the modern workforce:

- **Mentorship:** Work directly under a Lead Scientist with 20+ years of industry experience to develop technical precision and professional soft skills.
- **Pharma-Tech Innovation:** Real-world experience at the intersection of AI, data science, and pharmaceutical product development.
- **Digital Fluency and Applications:** Practical training in deploying AI for business/consumer insight learning automation and accelerated topical drug delivery formulation development
- **Holistic Professional Growth:** Coaching in technical precision, industry acumen (FDA/Commercial), and the "soft skills" (leadership and presentation) required for career advancement.

Project Impact & NJ Workforce Contribution

This project addresses the critical need for digital integration within the pharmaceutical industry. By training an intern in AI deployment and data-driven R&D, Neoventech is actively building a "bio-digital" workforce—a top priority for the NJEDA. This ensures New Jersey's talent pool remains globally competitive in an increasingly automated and data-centric R&D landscape.

Key Responsibilities

- **Strategic Market Intelligence:** Execute deep-dive consumer and clinical research to identify "white space" opportunities and unmet needs in therapeutic disease areas.
- **AI Agent Deployment:** Architect and optimize AI-driven agents to enhance digital communication frameworks, bridging the gap between technical R&D and stakeholder engagement.
- **Data Synthesis & Insights:** Utilize advanced analytical tools to transform raw market data and formulation results into actionable go-to-market strategies.
- **Digital Architecture:** Lead website optimization and SEO projects to enhance the visibility of pharmaceutical innovations and scientific breakthroughs.
- **Regulatory Exposure:** Support the team in navigating the digital regulatory requirements for pharmaceutical commercialization.

Proposed Internship Capstone Projects The intern will select one of the following specialized projects based on their academic strengths:

- **AI-Powered Competitive Intelligence:** Architect an automated AI agent framework to optimize drug delivery within the topical therapeutic formulations
- **Patient Sentiment & Unmet Need Analysis:** Utilize natural language processing (NLP) tools to evaluate online consumer forums and identifying gaps in current therapeutic areas focusing on dermatology and pain management.
- **Bio-Digital Education Portal:** Design a prototype "Knowledge Base" utilizing an AI chatbot to communicate complex drug delivery technologies to non-technical stakeholders and consumers.

- Market Trend Modeling: Use analytical tools to synthesize market data and formulation results into a predictive "Go-to-Market" roadmap for a new therapeutic candidate in topical product.

**Desired Majors:** Business, Entrepreneurship & Human Resources; Computer Science, Information Systems & Technology; Engineering; Life Science; Math & Physical Sciences

**How to apply:** [jwu@neoventech.com](mailto:jwu@neoventech.com)

**Required Documents:** Cover Letter ; Transcripts (used to verify applicant is a student at a NJ IHE)  
; Resume

# Biopharmaceutical & Life Sciences

**Sevillian Laboratories LLC**, Burlington City, NJ

**Formulation Chemist Intern**, In-person, 1 funded position(s)

The Formulation Chemist Intern will support in-lab formulation and testing activities for colorimetric test strips, with a focus on dry chemistry methods and reagents. The Formulation Chemist Intern will work under the Head of Research & Development to prepare, characterize, and optimize reagent formulations, apply coatings to build test strip membranes, and participate in performance testing and basic data analysis. This role is ideal for a recently graduated student or early-career scientist with prior laboratory experience, strong attention to detail, and a demonstrated interest in analytical or dry chemistry who is eager to gain hands-on experience in a regulated lab environment and product development setting. This position is on site, 3 days a week (typically Monday, Wednesday, Friday), for a maximum of 20 hours per week.

- Ensure labware, consumables, and supplies are properly cleaned, maintained, and stocked.
- Assist with stock integrity of labware through inventory management with supporting inventory list documentation.
- Prepare chemical reagents, buffers, and solutions according to established SOPs for test strip formulation.
- Assist with weighing, mixing, and dispensing dry chemistry components and coating formulations onto test strip substrates.
- Operate basic laboratory equipment (balances, pH meters, pipettes, mixers, ovens, incubators) following safety and quality procedures.
- Perform routine in-process checks on test strips (visual inspection, wetting behavior, response time, color development) and accurately document findings.
- Execute predefined analytical tests to evaluate test strip performance (calibration runs, stability checks, interference studies) under supervision.
- Assist in organizing and labeling raw materials, intermediates, and finished test strips for traceability.
- Follow all laboratory safety, PPE, and GLP requirements at all times.

**Desired Majors:** Life Science

**How to apply:** [info@sevillianlabs.com](mailto:info@sevillianlabs.com)

**Required Documents:** Resume

## **Biopharmaceutical & Life Sciences**

### **The Charismatic Chemist, Oldbridge, NJ**

#### **Formulation Laboratory Technician Intern, In-person, 1 funded position(s)**

Formulation Laboratory Technician will be responsible for working alongside Senior Chemists while developing and testing cosmetic and personal care products.

#### Formulation Laboratory Technician Responsibilities:

Develop batches of all types of hair, skin & sun care products including but not limited to gels, creams, lotions, serums, color cosmetics, sticks, sprays and balms

Perform and track prototype stability and compatibility testing

Maintain, organize and request/order lab supplies/raw materials as necessary

Deliver technical projects, ensuring that activities are executed to GMP and GLP standards required for the relevant product classification.

Ensure all required formulation, feasibility work, analysis, validation, stability testing, industrial trials and dossier preparation are performed on time and to the required quality and regulatory standards and in line with the company processes

Execute lab and pilot scale experiments to generate critical data supporting innovation projects. Activities include material planning, lab and pilot equipment cleaning/sanitizing, some pilot equipment operation, sample testing, and stability protocol execution.

Conduct various development tests and experiments.

#### Formulation Laboratory Technician Requirements:

Pursuing Bachelor's degree in Chemistry, Biology, Chemical Engineering, or related field; 1-2 years of formulation experience preferred

Understanding of emulsion, polymers and surfactant technology, and general cosmetic technology as well as formulation techniques

Familiarity with laboratory equipment and procedures (pH meter, Brookfield Viscometer, stand mixers, and Silverson homogenizers)

Able to follow a set formula and procedure provided by senior chemists to create finished formulations

Must be comfortable with figures and collecting, analyzing, and interpreting data

Must have good problem solving, decision making, and organization skills and ability to work well in a team environment

Ability to maintain a laboratory notebook, as a professional legal document

**Desired Majors:** Life Science ;Manufacturing, Production, and Skilled Trades ;

**How to apply:** Please email resume and cover letter to [Hello@TheCharismaticChemist.com](mailto>Hello@TheCharismaticChemist.com)

**Required Documents:** Resume;Cover Letter ;