



Company Information

The Pantheon is a business and innovation hub for emerging technology growth businesses. AgroRenew LLC is an industry-leading Bioplastics processing manufacturer of bio-sourced plastics. Founded from an Ideation at The Pantheon Innovation Center, AgroRenew is committed to creating, developing, and producing 100% biodegradable plastics sourced from a blend of crop food waste, cover crops, and other bio sources. Our Vision is for Earth and Humans to coexist for a sustainable future. We will create renewable, biodegradable plastics in a circular economy that does not divert the food supply chain but focuses on reducing food waste by using it as a viable Bio-source. AgroRenew is committed to enhancing the agricultural economy through ongoing innovation in developing cover crops and purpose-grown crops and utilizing bio-waste streams and byproducts for bioplastics processing and blending.

Position Information

Position Title: Bioplastics Process Engineering and Process Equipment Design Intern

Position Summary: We seek a motivated intern to join our dynamic team. This internship offers a unique opportunity to work closely with our business professionals and contribute to the development of new equipment and facilities for our bioprocessing operation.

Duration: May 13 -August 9, 2024

Location: Pantheon Innovation Theatre, Vincennes, Indiana

Compensation: \$22/hour and potential housing

Schedule: Monday-Friday, 8 AM to 5 PM, 1 hour lunch

Direct Supervisor: Brian Southern, AgroRenew

Support: Drew Garretson and Nichole Like, Pantheon Ag Tech

Permanent Employment: Possible transition to permanent Team Member at AgroRenew

Projects & Deliverables

Projects

1. Work with the design team on new Process equipment
 - a. Research methods for processing
 - b. Ideation of new equipment
 - c. Validation of equipment approach
 - d. Design elements of new equipment
2. Work with Architect and Engineering Firm developing new building
 - a. Location of equipment
 - b. Resources needed for equipment (electric, gas, water, drain, air, etc.)
 - c. Flow diagrams for equipment and movement of biomaterial
3. Work with equipment and product suppliers
 - a. Identify equipment suppliers for specific elements in equipment
 - b. Select specific equipment based on process need, quality, and availability
 - c. Identify competing products for price comparison and delivery

Deliverables

- End of the summer project presentation to Pantheon leadership and Pantheon Ag Tech Committee.
- Design and Development of Process Equipment for Bio-Waste Reduction and Bioplastics Blending

Requirements

- Current enrollment in ABE or ASM degree programs
- Strong analytical and problem-solving abilities
- Excellent communication skills and ability to work effectively within a team environment

Perks

- Hands-on experience in a dynamic and supportive work environment
- Opportunity to learn and grow alongside industry professionals
- Potential for continued involvement or advancement within the company post-internship
- Access to co-working space and amenities

Send resume and cover letter to Nichole Like at nlike@pantheontheatre.org by February 2nd to apply.