

**Company:** **Ingredion -- Internship Opportunity**  
**Title:** Process Technology Intern, Global Research & Technology - Summer 2017  
**Position Location:** Bridgewater, NJ  
**Business Unit:** Global Innovation Group/Global Research & Technology

**Primary Function:** The Product & Process Technology Intern will support progression of a well-defined research project related to nature based ingredient processing. The Intern will be involved in evaluating a sequence of unit operations, optimization of process parameters and scale-up of new products / processes in the pilot plant. The work would include running lab and pilot trials, evaluation / validation of new analytical techniques, interpretation and analysis of process and analytical data, defining scale-up conditions / requirements and producing pilot quantities of the final product for internal and customer evaluations.

#### **Key Deliverables**

- Perform lab/pilot plant experiments, conduct data analysis and interpret results to make recommendations to project team and support the project.
- Operate laboratory equipment safely and with little direct supervision to support project needs. May require modification of standard operating procedures.
- Record data in the Electronic Lab Notebook (ELN) and other archiving databases as appropriate. Effectively communicate results to project teams and stakeholders.
- Organize, summarize and report data generated from these experiments.
- If needed, conduct searches on prior art (literature, patents), and current technology including competitive activity on related projects. Summarize the outcomes in appropriate report.
- Maintain a clean, safe work environment. Follow guidelines set-out for good housekeeping, GMPs, and safety.
- Work well with others in laboratory and pilot plant. Effectively communicate with colleagues, project teams and key stakeholders.
- Present project status, updates, and outcomes to team and stakeholders.
- At completion of internship period, present research findings to management with recommendations for future New Product Development or Applied Research projects.

#### **Knowledge, Skills, and Requirements:**

- Progress towards a Bachelor's degree in Chemical Engineering or related field student with lab and/or pilot plant skills.
- Minimum 3.0/4.0 GPA required.
- Availability to work full time (40 hours/week) between early June and mid August 2017.
- Excellent interpersonal, verbal and written technical communication skills, e.g. making presentations and writing technical reports.
- Requires the ability to think and work independently while collaborating with others in a team-based environment.
- Demonstrated ability to deliver against agreed deadlines.
- Proficiency in Microsoft Office (Word, Excel, PowerPoint).

#### **To be eligible for consideration, candidates must:**

Be a currently enrolled student in a Bachelor's degree program. If currently enrolled in an undergrad status, must have completed at least two years of coursework with status as a sophomore, junior or non-graduating senior.

**Relocation Available:** None available. Housing/housing allowance is not provided.

**How to Apply:** Please visit Ingredion's Intern Career Page at <http://ingredionusa.jobs/internship/new-jobs/>