

## **Monsanto Corporation**

**Department:** Research & Development

**Title: Chemistry Intern (St. Louis, MO)**

**Req Number:** mons-00009808

**Location(s):** Creve Coeur MO

### **Responsibilities:**

\* This summer research internship is located at our world headquarters in Creve Coeur, MO and runs mid-May 2009 through mid-August 2009. \*

Basic laboratory research and development work under the direction of a Senior Monsanto Scientist in the Global Formulations Development Section.

Applicants should possess a desire to perform hands on laboratory research.

All work will be performed in Monsanto's World Headquarters Research Labs in Creve Coeur, MO, 8:00 am ' 5:00 pm, CDT, Monday 'Friday.

### **Required Skills:**

Current BS, MS, or PhD students with academic standing of sophomore (30 credit hours) or higher who are pursuing a degree in Chemistry, Biochemistry, or Chemical Engineering.

### **Minimum Course Requirements:**

2 courses in organic chemistry, 1 lab in organic chemistry and 1 course in analytical chemistry

Jack Zhou  
6985 Snow Way  
Saint Louis, MO 63130

December 10, 2008

Ms. Claire Simmons  
Monsanto World Headquarters  
800 N. Lindbergh Blvd  
St. Louis, MO 63130

Dear Ms. Simmons:

I am responding to the post on your website regarding a chemistry internship position at Monsanto. Monsanto is a world leader in agriculture, and definitely the kind of company I would like to work for. I think that my extensive laboratory knowledge and my practical experience working in a team environment make me a good candidate for this position.

As a biomedical engineering major, I have a very rigorous course load. My past courses include Organic Chemistry I and II, Organic Chemistry Lab, and Biology I and II, both with labs. These courses have given me significant hands on biological and chemical laboratory experience. I am able to perform standard procedures such as PCR, titrations, phase-phase purifications, and NMR analyses. I am sure I will use and improve these skills while at Monsanto.

I have had much practical lab experience in a variety of different environments that required me to work closely with others. Last summer I was an engineering intern at Baxter Healthcare, where I tested a prototype product and suggested a complete redesign, which saved the design team much time and money. I then worked closely with the design team to implement the redesign. I also did extensive design verification testing with the engineering team.

The enclosed resume will contain more details about my academics and work experiences. I have both the theoretical laboratory knowledge as well as the practical work experience to succeed at Monsanto. I will keep in contact with you over the next two weeks. You can contact at (847) 372-1652 at any time in the afternoon or evening, or you can email me at [jackzhou@wustl.edu](mailto:jackzhou@wustl.edu).

Thank you for your consideration.

Sincerely,

Jack Zhou