



2014 Position Description

Global Manufacturing and Supply – Manufacturing Technology: May/June – August 2014

Company:

At Bristol-Myers Squibb, we are a team dedicated to discovering, developing and delivering innovative medicines that help patients prevail over serious diseases. Our commitment is to foster a globally diverse and inclusive workforce with a high-performing culture that is agile, entrepreneurial and accountable. This enables our business strategy while encouraging excellence, growth, achievement, innovation and a balance between our personal and professional lives.

By combining the reach and resources of a global pharmaceutical company with the can-do spirit and agility of a biotechnology company, we are becoming a leader for the future – a next-generation BioPharma leader.

Project Description – The student will collaborate with Drug Product Science and Technology (DPST) and the Continuous Manufacturing Team to support the qualification of the continuous manufacturing rig in DPST. The goal will be to understand the impact of different formulation components and process parameters on residence time distribution, a critical process attribute for continuous direct compression. This work will characterize the formulation impact of the continuous direct compression process for a key BMS product.

Key Deliverables at Project Completion:

- Weekly Updates
- Final Presentation highlighting key learning's
- Residence time distribution analysis and comparison to commercial equipment

Requirements/Education:

- Must be enrolled in school the semester of and/or during the assignment, as well as the semester following the assignment
- Must possess a 3.0+ GPA
- Must be eligible to work full-time, 40 hours, from May/June – August 2013
- Must be pursuing a Chemical Engineering, Pharmaceutical Sciences, Bioengineering, Chemistry, Biomedical eng.
- Junior, Senior or Master's students
- Must be comfortable to work independently and be a self starter
- Interest and ability to work on continuous direct compression plant, operate instruments to perform physical and chemical characterization of resulting powders and tablets.
- Data compilation and presentation format skills, document review and writing.
- Computer skills including Matlab, Word, Excel, PowerPoint , Minitab (or similar statistical software).