



MERCK & CO., INC.
ENGINEERING INTERNSHIP OPPORTUNITIES

COMPANY PROFILE:

Merck is a global health care leader with a diversified portfolio of prescription medicines, vaccines and consumer health products, as well as animal health products. Today, we are building a new kind of healthcare company – one that is ready to help create a healthier future for all of us.

Our ability to excel depends on the integrity, knowledge, imagination, skill, diversity and teamwork of people like you. To this end, we strive to create an environment of mutual respect, encouragement and teamwork. As part of our global team, you'll have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career.

DIVISIONS: Merck Manufacturing Division (MMD)

CANDIDATE REQUIREMENTS:

- Working toward BS in Chemical Engineering, Biochemical Engineering, BioMedical Engineering (process option), Mechanical Engineering, Electrical Engineering or related field
- Available for 10 week internship beginning June 2013
- Strong personal character and ethics
- Superior Communication and Interpersonal Skills
- Excellent Academic Achievement, Analytical Ability
- Good team player and ability to work independently
- U.S. citizen or lawful permanent resident of U.S.

The Future Talent Program features internships that last 10-12 weeks and will include one or more projects. These opportunities can provide you with great development and a chance to see if we are the right company for your long-term goals. The projects that you work in can be in one of the following areas:

PROCESS DEVELOPMENT, SCALE UP AND LAUNCH

- Work in teams to bring research discoveries to full production scale by applying engineering, biology, chemistry and pharmaceuticals skills to bench-scale processes.
- Conceive, develop and implement new processing and manufacturing technologies
- Work with teams to develop processes for new products, using chemically- or biologically- derived products
- Support process development and product development with pilot plant scale up, drug supply preparation and technology transfer to operations groups

EQUIPMENT AND FACILITIES DESIGN

- Design and build advanced manufacturing plants, laboratory and office facilities
- Involvement with all phases of project management from the first engineering drawing to the last phase of project start up

MANUFACTURING

- Support line production and maintenance operations
- Maintain manufacturing processes at high levels of performance
- Engineer plant site improvements to enhance safety, quality and the environment
- Optimize existing processes to achieve improvements in process quality, yield and efficiency.

LOCATIONS: West Point, PA; Danville, PA; Rahway, NJ; Whitehouse Station, NJ; Summit, NJ; Elkton, VA; Durham, NC; Boulder, CO

Specific internship openings in MMD are as follows:

Center for Material Science & Engineering (West Point, PA; Rahway, NJ; Summit, NJ) performs analytical evaluation of raw materials, intermediates, and final products to aide in investigation and process improvement evaluations

Chemical Process Development & Commercialization (Rahway, NJ) and **Pharmaceutical Commercialization Technology** (West Point, PA, Summit, NJ) groups perform process development and demonstration for new chemical and pharmaceutical processes;

Global Vaccines Technology and Engineering (West Point, PA, Elkton, VA, Durham, NC) is responsible for process implementation, validation and maintenance for biological processes;

Vaccines Manufacturing Science & Commercialization and Biologics Manufacturing Science & Commercialization (Rahway, NJ, West Point, PA; Boulder, CO) is responsible for the development and implementation of vaccine and therapeutic protein processes;

Global Technical Operations (West Point, PA, Danville, PA; Elkton, VA) is responsible for continuous improvement of existing processes.

Global Engineering Services (Cokesbury, NJ with projects at other sites) is responsible for designing and project management for capital projects;

Vaccine Operations (West Point, PA, Elkton, VA, Durham, NC) is responsible for oversight and continuous improvement for vaccine manufacturing.

If you are the kind of individual who thrives on challenge and possess the technical, leadership and business skills that are of value to our business, we invite you to apply.

Please sign up for an interview. In addition, please go to www.merck.com/careers and enter your profile and resume for Job # ADM005224 so that we can keep track of you through the whole recruiting process.